DE ANZA COLLEGE
2012 Summer Class Listings

Simply the Best
## Accounting

### ACCT 1A: Financial Accounting I
- **Unit(s):** 5
- **Hours:** Five hours lecture (60 hours total per quarter).
- **Materials Fee:** $2.00
- **Also Listed As:**
- **General Education Status:** Non-GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent.
- **Course Description:** The primary objective of this course is to help students learn how accounting meets the information needs of various users by developing and communicating information that is used in decision-making. Accordingly, the expected student outcome is the demonstration that the student can read, analyze and interpret external financial statements.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>ACCT-001A-01</td>
<td>Financial Accounting I (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>MTWTh</td>
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<td>L74</td>
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<tr>
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<td>MTWTh</td>
<td>PIRRONE, DAVID</td>
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</table>

**Course Notes (Summer):** ACCT-001A-61Z: Online Course with on campus final exam. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### ACCT 1B: Financial Accounting II
- **Unit(s):** 5
- **Hours:** Five hours lecture (60 hours total per quarter).
- **Materials Fee:** $2.00
- **General Education Status:** Non-GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **Requisites:** Prerequisite: Accounting 1A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent.
- **Course Description:** The primary objective of this course is to help students learn how accounting meets the information needs of various users by developing and communicating information that is used in decision-making. Accordingly, the expected student outcome is the demonstration that the student can read, analyze and interpret external financial statements.

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**Course Notes (Summer):** ACCT-001B-61Z: Online Course with REQUIRED on campus final. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### ACCT 1C: Managerial Accounting
- **Unit(s):** 5
- **Hours:** Five hours lecture (60 hours total per quarter).
- **Materials Fee:** $2.00
- **General Education Status:** Non-GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **Requisites:** Prerequisite: Accounting 1B. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent.
- **Course Description:** Study the role of management accounting information in organizations for operational control, product and customer costing, and performance measurement.

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<td>L76</td>
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ACCT 64: Payroll and Business Tax Accounting  
Unit(s): 3  
| Hours: Three hours lecture (36 hours total per quarter).  
| Materials Fee: $2.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 212 or equivalent.


00016  ACCT-64.-62  Payroll and Business Tax Accounting (CLAS)  
06:00 PM-08:50 PM  
MW  
MASTERS, LILIAN  
ADM103

ACCT 87AH: Computerized Accounting Programs I (Peachtree - Windows)  
Unit(s): 2  
| Hours: Four hours lecture-laboratory (48 hours total per quarter).  
| Materials Fee: $2.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A.

Course Description: Introduction to computerized accounting for service industry. Applications include general ledger setup, accounts payable, accounts receivable and payroll. Course will take advantage of new accounting software being used in industry.

00020  ACCT-87AH-02  Computerized Accounting Programs I (Peachtree - Windows) (CLAS)  
04:00 PM-06:55 PM  
TTh  
HAMILTON, LAURIENNE  
AT205

00020  ACCT-87AH-02  Computerized Accounting Programs I (Peachtree - Windows) (CLAS)  
02:00 PM-03:00 PM  
TTh  
HAMILTON, LAURIENNE  
AT203

ACCT 87AH: Computerized Accounting Programs I (Quickbooks)  
Unit(s): 2  
| Hours: Four hours lecture-laboratory (48 hours total per quarter).  
| Materials Fee: $2.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A.

Course Description: Introduction to computerized accounting for service industry. Applications include general ledger setup, accounts payable, accounts receivable and payroll. Course will take advantage of new accounting software being used in industry.

00021  ACCT-87AI-02  Computerized Accounting Programs I (Quickbooks) (CLAS)  
04:00 PM-06:55 PM  
MW  
HAMILTON, LAURIENNE  
AT205

00021  ACCT-87AI-02  Computerized Accounting Programs I (Quickbooks) (CLAS)  
02:00 PM-03:00 PM  
MW  
HAMILTON, LAURIENNE  
AT203

ACCT 87AJ: Computerized Accounting Programs I (Microsoft Dynamics GP)  
Unit(s): 2  
| Hours: Four hours lecture-laboratory (48 hours total per quarter).  
| Materials Fee: $2.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A.

Course Description: Introduction to computerized accounting for service industry. Applications include general ledger setup, accounts payable, accounts receivable and payroll. Course will take advantage of new accounting software being used in industry.

10302  ACCT-87AJ-01  Computerized Accounting Programs I (Microsoft Dynamics GP) (CLAS)  
12:00 PM-12:50 PM  
MTWTh  
HAMILTON, LAURIENNE  
AT203

10302  ACCT-87AJ-01  Computerized Accounting Programs I (Microsoft Dynamics GP) (CLAS)  
01:00 PM-01:50 PM  
MTWTh  
HAMILTON, LAURIENNE  
AT205

ACCT 88: Excel Spreadsheets for Accounting  
Unit(s): 2  
| Hours: Two hours lecture (24 hours total per quarter).  
| Materials Fee: $2.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 212 or equivalent; Computer Applications and Office Systems 93AH or 93AK or 93AL.


00019  ACCT-88.-61  Excel Spreadsheets for Accounting (CLAS)  
06:00 PM-07:50 PM  
MW  
HURST, STEPHEN  
AT311

***** Administration of Justice

CRN  Course  Title  Time  Dates/Days  Instructor  Location

ADMJ 1: Introduction to Administration of Justice  
Unit(s): 4  
| Hours: Two hours lecture (48 hours total per quarter).  
| Materials Fee: $1.00  
| Also Listed As: (Also listed as Political Science 10. Students may enroll in either department, but not both, for credit.)  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: The history and philosophy of the administration of justice in America. A study of the overall system from its European antecedents and development within the United States; identification of various subsystems and components; their role expectations and interrelationships; basic premise of crime, punishment and rehabilitation; the role of education in the administration of justice within a democracy.
ADMJ 29: Cultural Pluralism and American Law and Justice
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $3.00  ||  Also Listed As: (Also listed as Intercultural Studies 29. Students may enroll in either department, but not both, for credit.)  ||  Formerly: (Formerly Administration of Justice 58.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: An interdisciplinary study of marginalized peoples and their relationship to the law. Examines the legal perspective on cultural diversity in the United States, including race, ethnicity, gender, class, religious background, disability, and sexual orientation. Analyzes how these groups interact with mainstream society through American law, concentrating on both historical and contemporary state and federal legislation and court rulings. Analyzes how the courts play a role in determining the status of minority groups.

ADMJ 64: Administration of Justice Internship
Unit(s): 1  ||  Hours: Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  ||  Materials Fee: $1.00  ||  Repeatability: (Any combination of Administration of Justice 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law enforcement, corrections/probation, private security or human services under the supervision of the instructor and agency personnel.

ADMJ 64X: Administration of Justice Internship
Unit(s): 2  ||  Hours: Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  ||  Materials Fee: $1.00  ||  Repeatability: (Any combination of Administration of Justice 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law enforcement, corrections/probation, private security or human services under the supervision of the instructor and agency personnel.

ADMJ 64Y: Administration of Justice Internship
Unit(s): 3  ||  Hours: Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  ||  Materials Fee: $1.00  ||  Repeatability: (Any combination of Administration of Justice 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law enforcement, corrections/probation, private security or human services under the supervision of the instructor and agency personnel.

ADMJ 64Z: Administration of Justice Internship
Unit(s): 4  ||  Hours: Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  ||  Materials Fee: $1.00  ||  Repeatability: (Any combination of Administration of Justice 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law enforcement, corrections/probation, private security or human services under the supervision of the instructor and agency personnel.

ADMJ 75: Principles and Procedures of the Justice System
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as Paralegal 75 and Political Science 75. Students may enroll in only one department for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Procedures followed by law enforcement and courts in criminal cases; constitutional principles governing those procedures.

10161 ADMJ-075-61 Principles and Procedures of the Justice System **(CLAS)** 06:00 PM-09:50 PM TTh SUITS, JAMES L21

***** Anthropology

<table>
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<th>Course</th>
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<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</table>
| ANTH 1: Physical Anthropology
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $2.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Biological structure and evolution of primates with particular emphasis on Homo sapiens as a culture-bearing animal. Relationships between human and non-human primates; genetic, physical, and cultural variations in living human groups; social organization and gender roles in primate and human societies; and considerations of future human evolution.

10159 ANTH-001-01 Physical Anthropology **(CLAS)** 07:30 AM-09:55 AM TWTW NENGO, ISAIAH L24
00030 ANTH-001-02 Physical Anthropology **(CLAS)** 10:00 AM-12:25 PM TWTW NENGO, ISAIAH L24
00031 ANTH-001-03 Physical Anthropology **(CLAS)** 12:30 PM-02:55 PM TWTW SIMPKINS, ROBERT L24
00032 ANTH-001-04 Physical Anthropology **(CLAS)** 03:00 PM-05:25 PM TWTW BERRY, LESLIE L24

ANTH 1L: Physical Anthropology Laboratory
Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Completion of or concurrent enrollment in Anthropology 1.

Course Description: Laboratory course in which the students apply and practice the scientific methods, techniques and procedures used by physical anthropologists to understand human evolution, non human primates and human variation. Students gain practical experience and a deeper understanding by participating in lab exercises, activities and experiments that explore human evolution, osteology, forensics, genetics, modern human variation, primate anatomy and behavior.

1068 ANTH-001L-01 Physical Anthropology Laboratory **(CLAS)** 12:00 PM-02:50 PM TTh CASARETO, ANA SC2116
10016 ANTH-001L-02 Physical Anthropology Laboratory **(CLAS)** 03:00 PM-05:50 PM TTh CASARETO, ANA SC2116

ANTH 2: Cultural Anthropology
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $2.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: The anthropological approach to the study of human behavior from a cross-cultural, comparative perspective. An exploration into the languages, subsistence, economics, sociopolitical systems, religions, and world views of diverse world cultures. An assessment of the dynamics of culture change and the future prospects for humanity.

00034 ANTH-002-01 Cultural Anthropology **(CLAS)** 10:00 AM-12:25 PM TWTW YANG, KYEJUNG E35
00035 ANTH-002-02 Cultural Anthropology **(CLAS)** 03:00 PM-05:25 PM TWTW OLSEN, NANCY ADM103
1022 ANTH-002-03 Cultural Anthropology **(CLAS)** 12:30 PM-02:55 PM TWTW CODDINGTON, IQBAL MG-3
00036 *ANTH-002-612 Cultural Anthropology **(CLAS)** TBA TBA ISHAYA, ARIANNE ONLINE

***** Arts

<table>
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<tr>
<th>CRN</th>
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<th>Time</th>
<th>Dates/Days</th>
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</table>
| ARTS 1A: Introduction to the Visual Arts
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $1.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: An exploration of visual imagery throughout the world, for the purpose of refining visual literacy skills. Works of art will be studied by means of formal analysis and medium, the social experiences of artists, the function of works of art in their original environment, and comparison of works from different cultures. Primary emphasis will be on paintings, graphic works, and sculpture.

00043 ARTS-001A-01 Introduction to the Visual Arts **(CLAS)** 12:30 PM-04:20 PM TTH ROEHL, PAUL A11

Course Notes (Summer): ANTH-002-612: Online Course required for student. Access to a computer, the Web, and an individual email address is required. Information on REQUIRED orientation available at http://www.deanza.edu/distance/
### ARTS 2A: History of Art (Europe from Prehistory through Early Christianity)

- **Unit(s):** 4
- **Hours:** Four hours lecture (48 hours total per quarter).
- **Materials Fee:** $1.00
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to the discipline of art history through analysis of images, objects, and works of architecture produced from the prehistoric period of European history through approximately the year 600 C.E., including discussion of Stone Age, Mesopotamian, Egyptian, Greek, Etruscan, Roman, and Byzantine cultures.

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<th>Course Title</th>
<th>Days</th>
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<th>Instructor</th>
<th>Room</th>
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<td>ARTS-002A-61</td>
<td>History of Art (Europe from Prehistory through Early Christianity) (CLAS)</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>PENNINGTON, SIMON</td>
<td>VPA132</td>
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### ARTS 2D: History of Art (Europe and the United States from Post-Impressionism to the Present)

- **Unit(s):** 4
- **Hours:** Four hours lecture (48 hours total per quarter).
- **Materials Fee:** $3.00
- **Also Listed As:** (Also listed as Intercultural Studies 5. Students may enroll in either department, but not both, for credit.)
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** A cross-cultural introduction to American art history which includes interdisciplinary analysis of diverse art forms generated by artists of color, including African Americans, Asian Americans, Native Americans, Latina/o/s/Chicana/o/s, and Americans of non-European heritage. Significant attention will be given to issues considered important by each ethnicity or group as well as issues related to racism, gender, and social class. Traditions, values, and cultural expressions of diverse societies and their contributions to American visual culture are explored.

<table>
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<tr>
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<th>Days</th>
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<th>Room</th>
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<tr>
<td>ARTS-002D-01</td>
<td>History of Art (Europe and the United States from Post-Impressionism to the Present) (CLAS)</td>
<td>TTh</td>
<td>08:30 AM-12:20 PM</td>
<td>KARMI, YAEL</td>
<td>VPA132</td>
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### ARTS 2F: History of Art (Multicultural Arts in the United States)

- **Unit(s):** 4
- **Hours:** Four hours lecture (48 hours total per quarter).
- **Materials Fee:** $3.00
- **Also Listed As:** (Also listed as Intercultural Studies 10. Students may enroll in either department, but not both, for credit.)
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** A cross-cultural introduction to American art history which includes interdisciplinary analysis of diverse art forms generated by artists of color, including African Americans, Asian Americans, Native Americans, Latina/o/s/Chicana/o/s, and Americans of non-European heritage. Significant attention will be given to issues considered important by each ethnicity or group as well as issues related to racism, gender, and social class. Traditions, values, and cultural expressions of diverse societies and their contributions to American visual culture are explored.

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<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
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<tr>
<td>ARTS-002F-61</td>
<td>History of Art (Multicultural Arts in the United States) (CLAS)</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>OLSEN, NANCY</td>
<td>ADM101</td>
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### ARTS 2G: History of Art (Arts of Asia)

- **Unit(s):** 4
- **Hours:** Four hours lecture (48 hours total per quarter).
- **Materials Fee:** $3.00
- **Also Listed As:** (Also listed as International Studies 10. Students may enroll in either department, but not both, for credit.)
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** A general introduction to art through major Asian artistic traditions. Focuses upon paintings, sculptures, ceramics, and architecture and their religious, cultural, historical, and social contexts. Examines arts from China, Japan, India, Central Asia, Himalayas, and Southeast Asia and assesses the contributions of Asian art in a global context.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS-002G-61</td>
<td>History of Art (Arts of Asia) (CLAS)</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>LEE, SO KAM</td>
<td>MCC-10</td>
</tr>
</tbody>
</table>

### ARTS 4A: Beginning Drawing

- **Unit(s):** 3
- **Hours:** Six hours lecture-laboratory (72 hours total per quarter).
- **Materials Fee:** $3.00
- **Repeatability:** (Any combination of Arts 4A, 4B, 4C and 4D may be taken up to six times, not to exceed 18 units, for the family of courses.)
- **General Education Status:** Non-GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Arts 8.

**Course Description:** An introductory course exploring the basic elements and principles of observational drawing, using traditional and experimental media.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>ARTS-004A-01</td>
<td>Beginning Drawing (CLAS)</td>
<td>MTW</td>
<td>08:30 AM-12:20 PM</td>
<td>CHANDRAS, PRAKASH</td>
<td>A52</td>
</tr>
</tbody>
</table>

### ARTS 4C: Life Drawing

- **Unit(s):** 3
- **Hours:** Six hours lecture-laboratory (72 hours total per quarter).
- **Materials Fee:** $3.00
- **Repeatability:** (Any combination of Arts 4A, 4B, 4C and 4D may be taken up to six times, not to exceed 18 units, for the family of courses.)
- **General Education Status:** Non-GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Arts 4A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Arts 4B, 4D and 8.

**Course Description:** A beginning drawing course focusing on the representation and interpretation of the human figure; with attention to drawing from life.
ARTS 8: Two-Dimensional Design
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $3.00  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: A foundation course in the use of fundamental design elements and principles for two-dimensional art.

ARTS 10A: Three-Dimensional Design
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $20.00  |  Repeatability: (May be taken two times for credit.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.
Course Description: Introduction to design elements and principles as they apply to three-dimensional space and form. Idea explorations in various media including wire, clay, plaster, paper, wood metals and found objects.

ARTS 10B: Intermediate Three-Dimensional Design
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $20.00  |  Repeatability: (May be taken two times for credit.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Arts 10A. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.
Course Description: Further exploration and continuation of three-dimensional design focusing on individual projects. Use of various materials including wood, metals, plastic sheet and resin. Introduction of mold making and casting.

ARTS 15A: Acrylic Painting I
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $3.00  |  Repeatability: (Any combination of Arts 15A, 15B and 15C may be taken up to six times, not to exceed 18 units, for the family of courses.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Arts 4A and 12. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: An introductory course in acrylic painting with emphasis on basic techniques in both traditional and contemporary techniques that relate to the unusual characteristics of the medium.

ARTS 15B: Acrylic Painting II
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $3.00  |  Repeatability: (Any combination of Arts 15A, 15B and 15C may be taken up to six times, not to exceed 18 units, for the family of courses.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Arts 15A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: A continuation of Arts 15A with further emphasis on basic techniques that relate to the unusual characteristics of the medium. Surfaces other than canvas will be introduced allowing for more varied results.

ARTS 15C: Acrylic Painting III
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $3.00  |  Repeatability: (Any combination of Arts 15A, 15B and 15C may be taken up to six times, not to exceed 18 units, for the family of courses.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Arts 15B. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: A continuation of Arts 15B with emphasis on process rather than techniques. Problems in class will relate to aesthetic concerns of idea, content and expression within the acrylic medium.

ARTS 18A: Ceramics
Unit(s): 3  |  Hours: Six hours lecture-laboratory (72 hours total per quarter).  |  Materials Fee: $20.00  |  Repeatability: (May be taken two times for credit. Students build upon previous experience and develop higher-level skills.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
Course Description: Survey of ceramic construction techniques. Use of surface decoration, glazes, and ceramic kiln firing.
### Astronomy

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<tr>
<th>CRN</th>
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<th>Title</th>
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<tr>
<td>ASTR</td>
<td>00068</td>
<td>04: Solar System Astronomy</td>
<td>12:30 PM-02:45 PM</td>
<td>MTWTh</td>
<td>PETERSON, ERIC</td>
<td>PLT</td>
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<tr>
<td>ASTR</td>
<td>00069</td>
<td>04: Solar System Astronomy</td>
<td>05:30 PM-07:45 PM</td>
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<td>HARRINGTON, SHERWOOD</td>
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### Automotive Technology

**Important Department Information:** For apprenticeships in Automotive Technology call 408-864-8772.

<table>
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<tr>
<th>CRN</th>
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<td>AUTO</td>
<td>00071</td>
<td>50A: Introduction to Automotive Principles</td>
<td>06:00 PM-09:50 PM</td>
<td>MW</td>
<td>WISHART, WILLIAM</td>
<td>E12A</td>
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<tr>
<td>AUTO</td>
<td>00072</td>
<td>50B: Applied Automotive Principles</td>
<td>09:00 AM-12:50 PM</td>
<td>TTh</td>
<td>WISHART, WILLIAM</td>
<td>E12A</td>
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<tr>
<td>AUTO</td>
<td>00074</td>
<td>60K: Automotive Body Electrical Systems</td>
<td>06:00 PM-10:15 PM</td>
<td>TTh</td>
<td>MAYNARD, RICHARD</td>
<td>E12F</td>
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<tr>
<td>AUTO</td>
<td>00075</td>
<td>60M: Hybrid Electric Vehicles</td>
<td>06:00 PM-10:15 PM</td>
<td>MW</td>
<td>WALTON, JOHNATHAN</td>
<td>E12F</td>
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</table>
AUTO 66: Automotive Air Conditioning
Unit(s): 4 1/2 | Hours: Four and one-half hours lecture (54 hours total per quarter). | Materials Fee: $7.50 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent; Automotive Technology 60.

Course Description: Operation and service of automotive air conditioning refrigeration and electrical control systems. Includes retrofittings. Emphasis on diagnosis and repair of systems. Preparation for Automotive Service Excellence (ASE) certification examination in area A7.

00077 AUTO-066-61 Automotive Air Conditioning (CLAS) 06:00 PM-10:15 PM MW BRYANT, ROBERT E12C

***** Biology

Important Department Information: BIOL 19–ENVIRONMENTAL BIOLOGY-- has been changed to ESCI 19–please check the ESCI department listings.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Instructor</th>
<th>Location</th>
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<tr>
<td>00079</td>
<td>BIOL-006C-01 Ecology and Evolution (CLAS)</td>
<td>09:30 AM-11:20 AM</td>
<td>MTWTh</td>
<td>HEYER, BRUCE</td>
<td>SC2108</td>
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<tr>
<td>00079</td>
<td>BIOL-006C-01 Ecology and Evolution (LAB)</td>
<td>11:30 AM-02:20 PM</td>
<td>MTWTh</td>
<td>HEYER, BRUCE</td>
<td>SC2108</td>
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</table>

Course Notes (Summer): BIOL-006C-01: Students without prerequisites will not be allowed to enroll. See Department: Biology for pre-requisite information.

BIOL 10: Introductory Biology
Unit(s): 5 | Hours: Four hours lecture, three hours laboratory (64 hours total per quarter). | Materials Fee: $2.50 | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (Not open to students who have completed Biology 6A, 6B, 6C or equivalent.) (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: An introduction to biology as a branch of the biological sciences and to its basic unifying principles, with selected application to the scientific method, evolutionary concepts, genetic modification, biotechnology, ecology, ecological crises and human impacts.

00082 | BIOL-010-03 Introductory Biology (CLAS) | 12:30 PM-02:20 PM | MTWTh | JOHNSON, ROBERT | SC1102 |
| 00082 | BIOL-010-03 Introductory Biology (LAB) | 02:30 PM-05:20 PM | MW | JOHNSON, ROBERT | S52 |

00083 | BIOL-010-04 Introductory Biology (CLAS) | 12:30 PM-02:20 PM | MTWTh | JOHNSON, ROBERT | SC1102 |
| 00083 | BIOL-010-04 Introductory Biology (LAB) | 02:30 PM-05:20 PM | TTh | JOHNSON, ROBERT | S52 |

10216 | BIOL-010-05 Introductory Biology (CLAS) | 02:30 PM-04:20 PM | MTWTh | BRAM, JASON | SC1102 |
| 10216 | BIOL-010-05 Introductory Biology (LAB) | 04:30 PM-07:20 PM | MW | BRAM, JASON | S51 |

10603 | BIOL-010-06 Introductory Biology (CLAS) | 02:30 PM-04:20 PM | MTWTh | BRAM, JASON | SC1102 |
| 10603 | BIOL-010-06 Introductory Biology (LAB) | 04:30 PM-07:20 PM | TTh | BRAM, JASON | S51 |

10511 | * BIOL-010-012 Introductory Biology (CLAS) | TBA | TBA | PANE, ERIC | ONLINE |
| 10511 | * BIOL-010-012 Introductory Biology (LAB) | 08:30 AM-11:20 AM | MW | PANE, ERIC | S52 |

Course Notes (Summer): BIOL-010-012. Video delivered course with online component and required on-campus lab and exams. Available on local cable TV or streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. For more information go to http://www.deanza.edu/distance/

10512 | * BIOL-010-065Z Introductory Biology (CLAS) | TBA | TBA | PANE, ERIC | ONLINE |
| 10512 | * BIOL-010-065Z Introductory Biology (LAB) | 11:30 AM-02:20 PM | TBA | PANE, ERIC | S52 |

Course Notes (Summer): BIOL-010-065Z. Video delivered course with online component and required on-campus lab and exams. Available on local cable TV or streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. For more information go to http://www.deanza.edu/distance/

BIOL 11: Human Biology
Unit(s): 5 | Hours: Four hours lecture, three hours laboratory (64 hours total per quarter). | Materials Fee: $3.00 | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (Not open to students who have completed Biology 6A, 6B, 6C or equivalent.) (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A general introduction to biology and its principles, emphasizing the biology of humans. The course will cover the unifying principles of biology, with emphasis on the basic anatomy and physiology of the human body, as well as on contemporary health issues and their impacts on cultural, ethnic and gender groups.

00084 | BIOL-011-01 Human Biology (CLAS) | 05:30 PM-07:20 PM | MTWTh | ANGELES, MIGUEL | S34 |
| 00084 | BIOL-011-01 Human Biology (LAB) | 07:30 PM-10:20 PM | MW | ANGELES, MIGUEL | S2116 |

00085 | BIOL-011-02 Human Biology (CLAS) | 05:30 PM-07:20 PM | MTWTh | ANGELES, MIGUEL | S34 |
| 00085 | BIOL-011-02 Human Biology (LAB) | 07:30 PM-10:20 PM | TTh | ANGELES, MIGUEL | S2116 |

00086 | BIOL-011-61 Human Biology (CLAS) | 05:30 PM-07:20 PM | MTWTh | SUNDARAM, VIDYODHAYA | E35 |
| 00086 | BIOL-011-61 Human Biology (LAB) | 07:30 PM-06:05 PM | MW | SUNDARAM, VIDYODHAYA | S2108 |

10606 | BIOL-011.62 Human Biology (CLAS) | 05:30 PM-07:20 PM | MTWTh | SUNDARAM, VIDYODHAYA | E35 |
| 10606 | BIOL-011.62 Human Biology (LAB) | 07:30 PM-06:05 PM | TTh | SUNDARAM, VIDYODHAYA | S2108 |
**Biol 40A: Human Anatomy and Physiology**

Unit(s): 5  
| Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  
| Materials Fee: $3.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Satisfactory score on the Biology 40A Placement Test or Chemistry 1A or Chemistry 50 or Chemistry 30A with a grade of C or better. Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to the discipline of anatomy and physiology. Basic principles of human anatomy and physiology as exemplified in the study of cell chemistry, cell biology, histology and the integumentary, skeletal and muscular systems with emphasis on homeostatic mechanisms.

**Biol 40B: Human Anatomy and Physiology**

Unit(s): 5  
| Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  
| Materials Fee: $3.00  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Biology 40A with a grade of C or better.

**Course Description:** Study of the nervous, circulatory, and respiratory systems.

**Biol 45: Introduction to Human Nutrition**

Unit(s): 4  
| Hours: Four hours lecture (48 hours total per quarter).  
| Materials Fee: $2.50  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Prerequisite: Biology 40C. Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** The chemical classification of nutrients, their functions within the human body, and the effects of nutritional deficiencies and excesses. The relationship of dietary intakes to health and disease.

******* Business *******

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>

**Bus 10: Introduction to Business**

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter).  
| Materials Fee: $2.00  
| Formerly: (Formerly Business 20.)  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An overview of the business disciplines, including a brief introduction to marketing, accounting, finance, management, human resources, information technologies, economics, international business, business planning, and the role of business in society.

**Bus 18: Business Law I**

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter).  
| Materials Fee: $2.00  
| Also Listed As: (Also listed as Paralegal 18. Students may enroll in either department, but not both, for credit.)  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade

Requisites: Advisory: English Writing 1A or English as a Second Language 5; Business 10.

**Course Description:** The American legal system and laws applicable to business emphasizing contract, sales and agency laws, the impact of the legal system on business, and ethical considerations in the business environment.

**Course Notes (Summer):** BUS-18.41Z. Video delivered, online course with on campus final exam. Available on local cable TV, DVD or streamed to the desktop (high-speed Internet connection.
**BUS 55: Introduction to Entrepreneurship**
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A practical study of the operations and essential skills required in small and start-up businesses. Emphasis on the opportunities and problems faced by entrepreneurs in obtaining, managing and financing an independent business. This course will prepare students for developing business plans.

10611 * BUS -055-01Z Introduction to Entrepreneurship (CLAS) TBA TBA SALAH, DANNY ONLINE

**Course Notes (Summer):** BUS -055-01Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distancet/.

**BUS 56: Human Relations in the Workplace**
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $2.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Human relations behavior in organizations emphasizing personal and interpersonal relationships. Examination of motivation, communication skills, leadership skills, emotional and physical wellness, diversity, and ethical behavior for promoting effectiveness on the job.

10669 BUS -056-01 Human Relations in the Workplace (CLAS) 03:00 PM-05:15 PM MTWTh NIEDERMIE, GARY ADM102

**BUS 60: International Business Management**
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 210 or equivalent.

Course Description: International Business and its functions in a diverse global economy. Understanding cross-border trade and investment; distance, time zone and language issues; national differences in government regulation, culture and business systems.

10609 * BUS -060-01Z International Business Management (CLAS) TBA TBA YURTEVEN, LALE ONLINE

**Course Notes (Summer):** BUS -060-01Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distancet/.

**BUS 85: Business Communication**
Unit(s): 3 || Hours: Three hours lecture (36 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Applications and Office Systems 84A and 84B.

Course Description: Application of writing skills to business communications; public relations functions of business correspondence.

10210 * BUS -085-01Z Business Communication (CLAS) TBA TBA TAKIYODURO ONLINE

**Course Notes (Summer):** BUS -085-01Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED on-campus orientation available at http://www.deanza.edu/distance/.

**BUS 87: Introduction to Selling**
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 210 or equivalent.

Course Description: Application of business and behavioral sciences in a selling environment. Building successful relationships in a culturally diverse world.

10856 * BUS -087-01Z Introduction to Selling (CLAS) TBA TBA JOHNSON, PATRICIA ONLINE

**BUS 90: Principles of Marketing**
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Fundamentals of marketing: product planning and development; pricing strategies; marketing channels.

00105 * BUS -090-01Z Principles of Marketing (CLAS) TBA TBA MORGAN, DIONNE ONLINE

***** Child Development

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<td>C D 10H</td>
<td>Child Development (Middle Childhood and Adolescence)</td>
<td>4</td>
<td>Hours: Four hours lecture (48 hours total per quarter). Materials Fee: $1.00. Also Listed As: (Also listed as Psychology 10H. Students may enroll in either department, but not both, for credit.) General Education Status: GE. Program Status: Program Applicable. Credit Status: Credit - Degree applicable. Grading Method: Letter Grade.</td>
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<tr>
<td>C D 51</td>
<td>Student Teaching Practicum</td>
<td>5</td>
<td>Hours: Ten hours lecture-laboratory (120 hours total per quarter). Materials Fee: $2.00. Repeatability: (May be taken up to three times for credit as long as experience is different each time.). General Education Status: Non-GE. Program Status: Program Applicable. Credit Status: Credit - Degree applicable. Grading Method: Letter Grade.</td>
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C D 55: Literacy Development and Activities for the Young Child
Unit(s): 3  ||  Hours: Three hours lecture (36 hours total per quarter).  ||  Materials Fee: $1.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: Child Development 10G and/or Child Development 50.

Course Description: Theories of language acquisition and the process of language development in monolingual and young English language learners. Introduction to methods and materials that enhance emerging language and literacy for infants through school-age children in a culturally diverse society. (This course meets NAEYC Standards 1a, 1b, 1c; 3a, 3b, 3c; 4b, 4c, 4d.)

C D 58: Infant/Toddler Development
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $1.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Development of physical, cognitive, social and emotional development from infancy to age three with emphasis on cultural diversity and family partnerships. Program planning based on observation of individual infants and communication with parents. Evaluation of assessment tools and methods for infants and toddlers, including administration, and interpretation. Development of needs and service plans for individual infants. (This course meets NAEYC Standards 1-5; NPPTS Standards 4 and 5; DEC Standard 5 Family Based Practices.)

C D 61: Music and Movement (Developmental Foundations)
Unit(s): 3  ||  Hours: Three hours lecture (36 hours total per quarter).  ||  Materials Fee: $1.00  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A developmental introduction to music and movement experiences. Students will have opportunities to engage in and to reflect on how music and movement fosters healthy development in children and adults. Students will also have opportunities to see how music and movement defines and is linked to cultural experience and to who we are as individuals.

***** Computer Applications and Office Systems

Important Department Information: To see orientation information - click on department link above.

CRN  Course  Title                Time  Dates/Days  Instructor  Location

CAOS 90GA: Computer Literacy I (PC)
Unit(s): 2  ||  Hours: Four hours lecture-laboratory (48 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Pass/Fail

Requisites: (Students may take either Computer Applications and Office Systems 90G or, 90GA and 90GB, but not both for credit.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Introduction to a computer - hardware and software. Theory and interactive learning activities using word processing, spreadsheet, presentation graphics, database, e-mail, operating systems, and Internet applications.

CAOS 108: Personal Computer Security Basics
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as Computer Information Systems 108. Students may enroll in either department, but not both, for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Computer Applications and Office Systems 90GA or equivalent.

Course Description: Beginner's computer security course for small office or home users. Learn to stop hackers, worms, viruses, spyware, Web bugs and identity theft. Learn vulnerabilities found in Web browsers, e-mail and operating systems. Protect against online purchase dangers, install firewalls, manage cookies, restrict ports, analyze log files, evaluate wireless networks and examine encryption.

00153 * CAOS-108-61Z  Personal Computer Security Basics (LAB)  TBA  TBA  SHERBY, MARK  ONLINE
00153 * CAOS-108-61Z  Personal Computer Security Basics (CLAS)  TBA  TBA  SHERBY, MARK  ONLINE
### CAD and Digital Imaging

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Title</th>
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<th>Dates/Days</th>
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<tr>
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<td>KLINGMAN, PAUL</td>
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<td>10582</td>
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**Course Notes (Summer):** CAD-108F-612: FULLY Online Course. Students must have access to a computer, the Web, and an individual email address. Information on REQUIRED orientation available at [http://www.deanzena.edu/distance](http://www.deanzena.edu/distance).

**Unit(s):** 4 | Hours: Eight hours lecture-laboratory (96 hours total per quarter). | Materials Fee: $1.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Requisite/Advisory: None.

### CDI 70D: Pro/ENGINEER Wildfire (Beginning)

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<td>CDI-070D-61</td>
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<td>10:00 AM-01:50 PM</td>
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<td>01215</td>
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<td>TBA</td>
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**Course Notes (Summer):** CDI-070D-612: Online Course. Students must have access to a computer with appropriate release of PTC Creo Parametric - Formerly Pro/ENGINEER software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at [http://www.deanzena.edu/distance](http://www.deanzena.edu/distance).

**Unit(s):** 4 | Hours: Eight hours lecture-laboratory (96 hours total per quarter). | Materials Fee: $1.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Requisite/Advisory: None.

### CDI 70E: Creo Parametric (Beginning)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<th>Instructor</th>
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<td>10585</td>
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<td>10:00 AM-01:50 PM</td>
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<td>10586</td>
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</table>

**Course Notes (Summer):** CDI-070E-612: Online Course. Students must have access to a computer with appropriate release of PTC Creo Parametric - Formerly Pro/ENGINEER software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at [http://www.deanzena.edu/distance](http://www.deanzena.edu/distance).

**Unit(s):** 4 | Hours: Eight hours lecture-laboratory (96 hours total per quarter). | Materials Fee: $1.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Requisite/Advisory: None.

### CDI 71D: Pro/ENGINEER Wildfire (Intermediate)

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<tr>
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<td>01031</td>
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<td>Pro/ENGINEER Wildfire (Intermediate) (CLAS)</td>
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**Course Notes (Summer):** CDI-071D-612: Online Course. Students must have access to a computer with appropriate release of PTC Creo Parametric - Formerly Pro/ENGINEER software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at [http://www.deanzena.edu/distance](http://www.deanzena.edu/distance).

**Unit(s):** 4 | Hours: Eight hours lecture-laboratory (96 hours total per quarter). | Materials Fee: $1.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Prerequisite: CAD and Digital Imaging 70D.

### CDI 71E: Creo Parametric (Intermediate)

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Title</th>
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<td>Creo Parametric (Intermediate) (CLAS)</td>
<td>10:00 AM-01:50 PM</td>
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</table>

**Course Notes (Summer):** CDI-071E-612: Online Course. Students must have access to a computer with appropriate release of PTC Creo Parametric - Formerly Pro/ENGINEER software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at [http://www.deanzena.edu/distance](http://www.deanzena.edu/distance).

**Unit(s):** 4 | Hours: Eight hours lecture-laboratory (96 hours total per quarter). | Materials Fee: $1.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Prerequisite: CAD and Digital Imaging 70E.
CDI 72D: Pro/ENGINEER Wildfire (Advanced)
Unit(s): 4  ||  Hours: Eight hours lecture-laboratory (96 hours total per quarter).  ||  Materials Fee: $1.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: CAD and Digital Imaging 71D.
Course Description: Advanced design and photo-rendering modules and capabilities from Pro/ENGINEER are used to create unique designs and display them in a realistic, lifelike setting.

10064 CDI -072D-61 Pro/ENGINEER Wildfire (Advanced) (CLAS)  10:00 AM-01:50 PM MTWTh LAMIT, GARY AT313
01032 * CDI -072D-612 Pro/ENGINEER Wildfire (Advanced) (CLAS)  TBA TBA LAMIT, GARY AT313

Course Notes (Summer): CDI -072D-612 Online Course. Students must have access to a computer with appropriate release of PTC Creo Parametric &- formerly Pro/ENGINEER software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a CDI100 CAD Lab class with the lab Information on REQUIRED online orientation available at http://www.deanza.edu/distance/

CDI 72E: Creo Parametric (Advanced)
Unit(s): 4  ||  Hours: Eight hours lecture-laboratory (96 hours total per quarter).  ||  Materials Fee: $1.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: CAD and Digital Imaging 71E.
Course Description: Advanced design and photo-rendering modules and capabilities from Creo Parametric (formally Pro/ENGINEER) are used to create unique designs and display them in a realistic, lifelike setting.

10589 CDI -072E-61 Creo Parametric (Advanced) (CLAS)  10:00 AM-01:50 PM MTWTh LAMIT, GARY AT313
10590 * CDI -072E-612 Creo Parametric (Advanced) (CLAS)  TBA TBA LAMIT, GARY AT313
10590 * CDI -072E-612 Creo Parametric (Advanced) (LAB)  TBA TBA LAMIT, GARY AT313

Course Notes (Summer): CDI -072E-612 Online Course. Students must have access to a computer with appropriate release of PTC Creo Parametric &- formerly Pro/ENGINEER software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at http://www.deanza.edu/distance/

CDI 102Y: CAD Technology Laboratory (SolidWorks)
Unit(s): 1 1/2  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Repeatability: (Any combination of CAD and Digital Imaging 102, 102X, 102Y and 102Z may be taken up to six times for credit as long as the projects are different each time.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Pass/Fail

Course Description: Self-paced projects and computer based training on SolidWorks software. Instruction is in the use of CAD technology using projects from other SolidWorks courses. Learning assistance is provided in a designated De Anza center by an approved De Anza instructor who is trained in SolidWorks software. Students will use the classroom available only CBT (Computer based Training) module available for the CAD system. All projects will be derived from this CBT.

10822 CDI -102Y-61 CAD Technology Laboratory (SolidWorks) (CLAS)  02:00 PM-04:50 PM MTW KLINGMAN, PAUL AT301

***** Chemistry
Important Department Information: For Summer chemistry courses: See Department link!

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>

CHEM 1A: General Chemistry
Unit(s): 5  ||  Hours: Three hours lecture, six hours laboratory (108 hours total per quarter).  ||  Materials Fee: $2.00  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Chemistry 50 or satisfactory score on Chemistry Placement Test; Mathematics 114 or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: An introduction to the structure and reactivity of matter at the molecular level. Application of critical reasoning to modern chemical theory and structured numerical problem solving. Development of molecular structure from rudimentary quantum mechanics, including an introduction to ionic and covalent bonding. Chemical problem solving involving both formula and reaction stoichiometry employing the unit analysis method. Application of Kinetic Molecular Theory to the study of classical gas laws and an introduction to thermochrometry.

00209 CHEM-001A-01 General Chemistry (CLAS)  10:30 AM-11:45 AM MTWTh YOLLES, ROBERT G7
00209 CHEM-001A-01 General Chemistry (CLAS)  07:30 AM-08:45 AM MTWTh YOLLES, ROBERT SC2202
00209 CHEM-001A-01 General Chemistry (LAB)  08:30 AM-10:20 AM MTWTh YOLLES, ROBERT SC2202

Course Notes (Summer): CHEM-001A-01: Student must bring a combination padlock to the first laboratory meeting.

00210 CHEM-001A-02 General Chemistry (CLAS)  10:00 AM-11:15 AM MTWTh TONG, HOMER SC2202
00210 CHEM-001A-02 General Chemistry (CLAS)  11:30 AM-12:20 PM MTWTh TONG, HOMER SC2202
00210 CHEM-001A-02 General Chemistry (LAB)  12:30 PM-02:20 PM MTWTh TONG, HOMER SC2202

Course Notes (Summer): CHEM-001A-02: Student must bring a combination padlock to the first laboratory meeting.

00211 CHEM-001A-06 General Chemistry (CLAS)  03:20 PM-05:05 PM MTWTh SUBRAMANIAM, RAMACHANDRAN SC2202
00211 CHEM-001A-06 General Chemistry (CLAS)  05:20 PM-06:35 PM MTWTh SUBRAMANIAM, RAMACHANDRAN SC2202
00211 CHEM-001A-06 General Chemistry (LAB)  02:30 PM-03:20 PM MTWTh SUBRAMANIAM, RAMACHANDRAN SC2202

Course Notes (Summer): CHEM-001A-06: Student must bring a combination padlock to the first laboratory meeting.
CHEM 1B: General Chemistry
Unit(s): 5  |  Hours: Three hours lecture, six hours laboratory (108 hours total per quarter).  |  Materials Fee: $2.00  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Chemistry 1A with a grade of C or better.
Course Description: Continuation of an introduction to the principles of chemistry. Investigation of reversible reactions from the standpoints of kinetics, thermodynamics, and equilibrium. Application of equilibrium to the reactions of acids and bases.

00212 CHEM-001B-01 General Chemistry (CLAS) 10:30 AM-11:45 AM MTWT MUZZI, CINZIA SC2204
00212 CHEM-001B-01 General Chemistry (LAB) 11:00 AM-12:15 PM MTWT MUZZI, CINZIA SC2204

Course Notes (Summer): CHEM-001B-01: Student must bring a combination padlock to the first laboratory meeting.

CHEM 1C: General Chemistry and Qualitative Analysis
Unit(s): 5  |  Hours: Three hours lecture, six hours laboratory (108 hours total per quarter).  |  Materials Fee: $2.00  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Chemistry 1B with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Introduction to electrochemistry, the chemistry of transition metals, and the chemistry of organic compounds. Identification of ions using qualitative analysis methods.

00214 CHEM-001C-01 General Chemistry and Qualitative Analysis (CLAS) 10:30 AM-11:45 AM MTWT CALGHER, PAUL SC2208
00214 CHEM-001C-01 General Chemistry and Qualitative Analysis (LAB) 11:00 AM-12:15 PM MTWT CALGHER, PAUL SC2208

Course Notes (Summer): CHEM-001C-01: Student must bring a combination padlock to the first laboratory meeting.

CHEM 12C: Organic Chemistry
Unit(s): 5  |  Hours: Three hours lecture, six hours laboratory (108 hours total per quarter).  |  Materials Fee: $2.00  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Chemistry 12B with a grade of C or better. Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An exploration of the physical properties and chemical behavior of important classes of organic compounds, focusing on amines, carboxylic acids, and carboxylic acid derivatives, with an introduction to the chemistry of terpenes, lipids, carbohydrates, and proteins. Emphasis on retrosynthesis, spectroscopic structure determination, and reaction mechanism. Laboratory experiments involving the multi-step synthesis of organic compounds and the characterization of those compounds using chromatography and infrared (IR) and nuclear magnetic resonance (NMR) spectroscopy. For chemistry majors or those in closely allied fields such as biochemistry and chemical engineering.

00216 CHEM-012C-01 Organic Chemistry (CLAS) 10:30 AM-11:45 AM MTWT GRAY, DAVID SC2210
00216 CHEM-012C-01 Organic Chemistry (LAB) 11:00 AM-12:15 PM MTWT GRAY, DAVID SC2210

Course Notes (Summer): CHEM-012C-01: Student must bring a combination padlock to the first laboratory meeting.

CHEM 50: Preparation Course for General Chemistry
Unit(s): 5  |  Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  |  Materials Fee: $2.00  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Mathematics 114 or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: An introduction to the core theory and problem-solving techniques of chemistry as preparation for Chemistry 1A and other science related fields. An introduction to gravimetric and volumetric analysis, rudimentary laboratory equipment and operations, and the preparation and maintenance of a laboratory notebook.

00222 CHEM-050-01 Preparation Course for General Chemistry (CLAS) 05:20 PM-07:00 PM MTWT ZLATOGOROV, ELENA SC2210
00222 CHEM-050-01 Preparation Course for General Chemistry (LAB) 02:30 PM-03:45 PM MTWT ZLATOGOROV, ELENA SC2210

Course Notes (Summer): CHEM-050-01: Student must bring a combination padlock to the first laboratory meeting.

00223 CHEM-050-02 Preparation Course for General Chemistry (CLAS) 05:20 PM-07:00 PM MTWT ZLATOGOROV, ELENA SC2210
00223 CHEM-050-02 Preparation Course for General Chemistry (LAB) 03:55 PM-05:10 PM MTWT ZLATOGOROV, ELENA SC2210

***** Computer Information Systems
### CIS 2: Computers and the Internet in Society

**Unit(s):** 4  
**Hours:** Four hours lecture (40 hours total per quarter).  
**Materials Fee:** $1.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** A critical examination of the capabilities and uses of the Internet, computers and cellular communications, and how they are changing business, law, politics, health, education, entertainment, and society.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<tr>
<td>10246</td>
<td>CIS -002-61Z</td>
<td>Computers and the Internet in Society (CLAS)</td>
<td>TBA</td>
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<td>TAYLOR VALERIE</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** CIS -002-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at [http://www.deanza.edu/distance/](http://www.deanza.edu/distance/)

### CIS 3: Business Information Systems

**Unit(s):** 4 1/2  
**Hours:** Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Introduction to management information systems, systems design and development, data communications, data management, office automation, computer hardware and software concepts. Use of common software packages for business applications including word processing, spreadsheets, database, and Internet web tools.

<table>
<thead>
<tr>
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<th>Title</th>
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<td>10686</td>
<td>CIS -003-02</td>
<td>Business Information Systems (LAB)</td>
<td>10:00 AM-11:15 AM</td>
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<td>AT311</td>
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<td>Business Information Systems (LAB)</td>
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<td>Business Information Systems (CLAS)</td>
<td>06:00 PM-09:40 PM</td>
<td>MW</td>
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<td>AT204</td>
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**Course Notes (Summer):** CIS -003-61: Class meets eight (8) weeks beginning June 27, 2011.

**Course Notes (Summer):** CIS -003-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at [http://www.deanza.edu/distance/](http://www.deanza.edu/distance/)

### CIS 14A: Visual Basic .NET Programming I

**Unit(s):** 4 1/2  
**Hours:** Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Programming in Visual Basic. Emphasis on Windows programming using the Visual Basic environment. The development of well-structured VB projects using forms, buttons, labels, picture boxes, and text boxes.

<table>
<thead>
<tr>
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<th>Course</th>
<th>Title</th>
<th>Time</th>
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<td>Visual Basic .NET Programming I (CLAS)</td>
<td>06:00 PM-09:40 PM</td>
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<td>LINN JR, ARTHUR</td>
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<td>10773</td>
<td>*CIS -014A-81Y</td>
<td>Visual Basic .NET Programming I (LAB)</td>
<td>09:45 PM-11:00 PM</td>
<td>T</td>
<td>LINN JR, ARTHUR</td>
<td>AT204</td>
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</tbody>
</table>

**Course Notes (Summer):** Hybrid class (part online instruction). Access to the Internet required. Class meets physically Tuesdays from 6:00 PM to 11:00 PM. The instructor will be available online each Thursday from 6:00 PM to 11:00 PM. Course syllabus will contain more details.

### CIS 15C: Data Structures

**Unit(s):** 4 1/2  
**Hours:** Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Prerequisite: Computer Information Systems 15BG or 26A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273. Mathematics 212 or equivalent.

**Course Description:** Stacks, queues, linked lists, trees, heaps, and graphs; internal and external sorting; use of recursion; hashing; structured programming; and abstract data type concepts; team project.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>Data Structures (CLAS)</td>
<td>06:00 PM-09:40 PM</td>
<td>TTh</td>
<td>YEH, SHU</td>
<td>AT312</td>
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<td>Data Structures (LAB)</td>
<td>09:45 PM-11:00 PM</td>
<td>TTh</td>
<td>YEH, SHU</td>
<td>AT312</td>
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</table>

**Course Notes (Summer):** CIS -015C-61: Class meets eight (8) weeks beginning June 28, 2011. Before attending this class, please review programming in C with the questions and exercises at [http://voyager.deanza.edu/~cilest](http://voyager.deanza.edu/~cilest)

### CIS 15AG: Introduction to Computer Programming Using C

**Unit(s):** 4 1/2  
**Hours:** Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (Students may receive credit for either Computer Information Systems 15AG and 15BG, or Computer Information Systems 26A.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 114 or equivalent; Computer Information Systems 50; Computer Applications and Office Systems 70AA.

**Course Description:** Problem solving, algorithms and structured program design. Programming, testing and debugging of well-structured programs in C. Introduction to data types, expressions, control structures, functions, sequential files, and one-dimensional arrays.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>Introduction to Computer Programming Using C (LAB)</td>
<td>01:30 PM-02:45 PM</td>
<td>TTh</td>
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<td>CIS -15AG-01</td>
<td>Introduction to Computer Programming Using C (LAB)</td>
<td>02:50 PM-03:55 PM</td>
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<td>06:00 PM-09:40 PM</td>
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<td>Introduction to Computer Programming Using C (LAB)</td>
<td>09:45 PM-11:00 PM</td>
<td>MW</td>
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<td>AT312</td>
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**Course Notes (Summer):** CIS -15AG-61: Class meets eight (8) weeks beginning June 27, 2011.
CIS 15BG: Intermediate Problem Solving in C
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (Students may receive credit for either Computer Information Systems 15AG and 15BG, or Computer Information Systems 26A.) Prerequisite: Computer Information Systems 15AG.

Course Description: A systematic approach to the design, construction and management of computer programs, emphasizing design, programming style, documentation, testing and debugging techniques. Strings, multidimensional arrays and structures. Pointers: their use in arrays, parameters and dynamic allocation. Introduction to linked lists.

00259 CIS -15BG-01 Intermediate Problem Solving in C (CLAS) 10:00 AM-11:05 AM MW GARBACEA, DELIA-MANUELA AT312
00259 CIS -15BG-01 Intermediate Problem Solving in C (LAB) 11:10 AM-12:25 PM MW GARBACEA, DELIA-MANUELA AT312
00259 CIS -15BG-01 Intermediate Problem Solving in C (LAB) 10:00 AM-12:25 PM TH GARBACEA, DELIA-MANUELA AT312

Course Notes (Summer): CIS -15BG-01: Before attending this class, please review CIS 15AG with the questions and exercises at http://voyager.deanza.edu/~cis_review

CIS 18A: Introduction to UNIX/LINUX
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 10.

Course Description: Introduction to the features of the UNIX/LINUX operating system including text editing, text file manipulation, electronic mail, Internet utilities, directory structures, input/output handling, and shell features.

10680 CIS -018A-61 Introduction to UNIX/LINUX (CLAS) 06:00 PM-08:40 PM TH METCALF, KEVIN AT205
10680 CIS -018A-61 Introduction to UNIX/LINUX (LAB) 09:45 PM-11:00 PM TH METCALF, KEVIN AT205

Course Notes (Summer): CIS -018A-61: Class meets eight (8) weeks beginning June 28, 2011.

CIS 27: Programming in C++ for C Programmers
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || Materials Fee: $1.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Computer Information Systems 15BG or 26A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A comprehensive introduction to the C++ programming language and its applications.

10681 CIS -027-61 Programming in C++ for C Programmers (CLAS) 06:00 PM-08:40 PM TH LARKIN, GRANT AT311
10681 CIS -027-61 Programming in C++ for C Programmers (LAB) 09:45 PM-11:00 PM TH LARKIN, GRANT AT311

Course Notes (Summer): CIS -027-61: Class meets eight (8) weeks beginning June 28, 2011. Before attending this class, please review programming in C with the questions and exercises at http://voyager.deanza.edu/~cistest

CIS 35A: Introduction to Java Programming
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Computer Information Systems 15BG or 26A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to JAVA programming, computing context, primitive types, flow of control constructs, operators, text I/O, objects and classes, interfaces, packages, GUI and exceptions.

00223 CIS -035A-01 Introduction to Java Programming (CLAS) 12:30 PM-02:55 PM MW YU, LINYUN AT204
00223 CIS -035A-01 Introduction to Java Programming (LAB) 12:30 PM-01:45 PM TH YU, LINYUN AT204
00223 CIS -035A-01 Introduction to Java Programming (LAB) 01:50 PM-02:55 PM TH YU, LINYUN AT204

Course Notes (Summer): CIS -035A-01: Before attending this class, please review programming in C with the questions and exercises at http://voyager.deanza.edu/~cistest

00224 * CIS -035A-61Z Introduction to Java Programming (CLAS) TBA T SINGH, SUKHJIT LC107
00224 * CIS -035A-61Z Introduction to Java Programming (LAB) TBA T SINGH, SUKHJIT ONLINE

Course Notes (Summer): CIS -035A-61Z: Online Course with Video Component. Video streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/course/ . Before attending this class, please review programming in C with the questions and exercises at http://voyager.deanza.edu/~cistest

CIS 35B: Advanced Java Programming
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Computer Information Systems 35A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Emphasis on foundation technologies in Java that enable you to write server side programs in Java. Concepts include inner classes, collections, exceptions, file I/O, reflections, cloning, swing, multi-threading and JavaBeans.

10683 CIS -035B-61 Advanced Java Programming (CLAS) 06:00 PM-09:40 PM MW DIMAANDAL, ROLANDO AT205
10683 CIS -035B-61 Advanced Java Programming (LAB) 09:45 PM-11:00 PM MW DIMAANDAL, ROLANDO AT205

Course Notes (Summer): CIS -035B-61: Class meets eight (8) weeks beginning June 27, 2011.
CIS 64C: Introduction to PL/SQL
Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  ||  Materials Fee: $2.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Computer Information Systems 64B. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Oracle PL/SQL features cover data definition and data manipulation using expressions, control structures, and Oracle objects. Error handling, predefined packages, triggers, transactions and advanced PL/SQL features.

**CIS 89A: Web Page Development**
Unit(s): 3  ||  Hours: Two hours lecture, three hours laboratory (60 hours total per quarter).  ||  Materials Fee: $1.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 18A.

Course Description: Fundamentals of Web page design and creation: designing, encoding, and maintaining pages on the World Wide Web using HTML/XHTML.

**CIS 95E: CAPM and PMP Exam Preparation**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Computer Information Systems 95A or equivalent experience.

Course Description: Prepares the student for attempting the Project Management Professional (PMP) or Certified Associate in Project Management (CAPM) examination provided by Project Management Institute (PMI). Topics include management of integration, scope, time, cost, quality, human resources, communications, risk and procurement.

**CIS 108: Personal Computer Security Basics**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as Computer Applications and Office Systems 108. Students may enroll in either department, but not both, for credit.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Computer Applications and Office Systems 90GA or equivalent.

Course Description: Beginner's computer security course for small office or home users. Learn to stop hackers, worms, viruses, spyware, Web bugs and identity theft. Learn vulnerabilities found in Web browsers, e-mail and operating systems. Protect against online purchase dangers, install firewalls, manage cookies, restrict ports, analyze log files, evaluate wireless networks and examine encryption.

****** Counseling******

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<td>10826</td>
<td>COUN 080Y-01</td>
<td>Special Topics in Counseling</td>
<td>12:30 PM-02:20 PM</td>
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<td>CLAROS, RANDY</td>
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<td>10826</td>
<td>COUN 080Y-02</td>
<td>Special Topics in Counseling</td>
<td>12:30 PM-02:20 PM</td>
<td>TH</td>
<td>CLAROS, RANDY</td>
<td>TBA</td>
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Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Selected counseling topics with a focus on academic and personal development.

**COUN 200: Orientation to College**
Unit(s): 0 1/2  ||  Hours: Two hours lecture-laboratory for each unit of credit (24 hours total for each unit of credit per quarter).  ||  Materials Fee: $8.00  ||  Formerly: (Formerly Counseling 100 and 100X respectively.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Pass/Fail
**Requisites:** Requisite/Advisory: None.

**Course Description:** An orientation to De Anza College that includes programs, services, policies, degrees, certificates, transfer requirements, and college culture. Focus will be on strategies needed for academic success and the development of a two quarter Educational Plan.

<table>
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<th>Course Name</th>
<th>Time</th>
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<td>10702 COUN-200.-100 Orientation to College (CLAS)</td>
<td>03:00 PM-05:50 PM Starts: 07/23/2012 Ends: 07/26/2012 MTWTh WOODWARD, CHERYL FOR3</td>
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<td>10703 COUN-200.-101 Orientation to College (CLAS)</td>
<td>03:00 PM-05:50 PM Starts: 07/23/2012 Ends: 07/26/2012 MTWTh HUYNH, KY-DUYEN KC12</td>
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<td>10704 COUN-200.-102 Orientation to College (CLAS)</td>
<td>03:00 PM-05:50 PM Starts: 07/23/2012 Ends: 07/26/2012 MTWTh JOPLIN, NATASHA KC112</td>
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<td>10705 COUN-200.-103 Orientation to College (CLAS)</td>
<td>03:00 PM-05:50 PM Starts: 07/23/2012 Ends: 07/26/2012 MTWTh MILONAS, FAITH L65</td>
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<td>10706 COUN-200.-104 Orientation to College (CLAS)</td>
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### Course Notes (Summer): Coun 200.501: Class meets the week of August 27.

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### ***** Dance

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<td>DANC 25A</td>
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### Course Notes

#### DANC 22K: Theory and Technique of Ballet I
- **Unit(s):** 1
- **Time:** 10:00 AM-11:50 AM
- **Instructor:** LUCAS, WARREN
- **Location:** PE11U

#### DANC 23A: Theory and Technique of Contemporary (Modern) Dance I
- **Unit(s):** 1
- **Time:** 05:30 PM-07:20 PM
- **Instructor:** SHAW, JANET
- **Location:** PE11U

#### DANC 23L: Theory and Technique of Hip-Hop I (Popular American Dance)
- **Unit(s):** 1
- **Time:** 12:30 PM-02:20 PM
- **Instructor:** GALLEGOS, VERNON
- **Location:** PE11U

#### DANC 25A: Theory and Technique of Salsa Dance I
- **Unit(s):** 1
- **Time:** 10:00 AM-11:50 AM
- **Instructor:** GALLEGOS, VERNON
- **Location:** PE11U

#### DANC 38A: Appreciation of Dance
- **Unit(s):** 4
- **Time:** 01:30 PM-05:20 PM
- **Instructor:** LUCAS, WARREN
- **Location:** A11

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For more information, contact Vernon Gallegos at (408) 864-8506 or gallegosvern@deanza.edu
### Environmental Studies

**E S 1: Introduction to Environmental Studies**

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Materials Fee: $4.00  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Course Description:** An interdisciplinary study of the use of the earth's natural resources by human civilizations, past and present, and the role that economics, ethics, law, history, politics, culture and gender inequality have played in resource use and distribution. (One field trip may be required outside of class time.)

**Course Notes (Summer):** E S -001-01: Field trips may be required for this course.

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<td>Introduction to Environmental Studies (CLAS)</td>
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**Course Notes (Summer):** E S -001-01: This 3-week course meets July 23 through August 9. Field trips may be required for this course.

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**Course Notes (Summer):** E S -001-61: Field trips may be required for this course.

**E S 58: Introduction to Green Building**

Unit(s): 1  
Hours: One hour lecture (12 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Course Description:** An overview of strategies to implement a green building project within your organization. The strategies include model green building policy and guidelines including LEED (Leadership in Energy and Environmental Design), assembling a green team, assessing the impact of construction and buildings on society, and an overview of key stakeholders in the construction field.

<table>
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<tr>
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<td>Starts: 07/14/2012</td>
<td>DEPPEN, DAVID</td>
<td>KC115</td>
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**Course Notes (Summer):** E S -058-55: This class meets Saturday, July 14 and Sunday, July 15, at the Kirsch Center for Environmental Studies.

**E S 65: Environmental Stewardship**

Unit(s): 1  
Hours: One hour lecture (12 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Course Description:** Explores the role of environmental citizenship including personal responsibility and participation in local environmental case studies along the 37th parallel. Develop an understanding of environmental stewardship principles, including those of other cultural, ethnic and gender groups, and the use of such practices in establishing common ground for community-based decision-making.

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<tr>
<th>CRN</th>
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<th>Time</th>
<th>Dates/Days</th>
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<td>10648</td>
<td>E S -066-61Z</td>
<td>Environmental Stewardship (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
<td>CORNELY, PATRICIA</td>
<td>KC224</td>
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**Course Notes (Summer):** E S -066-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distance/

**E S 66: Environmental Leadership**

Unit(s): 1  
Hours: One hour lecture (12 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Course Description:** Explores the role of environmental leadership in the 21st Century, including development and implementation of leadership skills and models. Apply those leadership skills and models developed to address local environmental case studies.

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<tr>
<th>CRN</th>
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<td>KC224</td>
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**Course Notes (Summer):** E S -066-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distance/

**E S 67: Environmental Team-Building**

Unit(s): 1  
Hours: One hour lecture (12 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Course Description:** Explores the concept of team-building in the 21st Century, including development and implementation of team-building skills and models. Apply those team-building skills and models developed to address local environmental case studies.

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<tr>
<th>CRN</th>
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**Course Notes (Summer):** E S -066-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distance/

**E S 68: Community-Based Coalitions and Stakeholders**
### E S 69: Energy Reliability and Your Organization

**Unit(s):** 1  
**Hours: One hour lecture (12 hours total per quarter).**  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explores the concept of environmental community-based coalitions in the 21st Century, including identifying and integrating key stakeholders. Apply the community-based model of collaboration to address local environmental case studies.

**Course Notes (Summer):** E S -069-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.distance/

### E S 70: Introduction to Energy Management Technology

**Unit(s):** 1  
**Hours: One hour lecture (12 hours total per quarter).**  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An overview of strategies to assist in preparing an energy management action plan for your organization and staff. The strategies include model board policy, administrative guidelines, assembling an energy management action team, assessing the impact of energy policy on society, and an overview of key stakeholders in the energy field. (One out-of-class field trip may be required for this course.)

**Course Notes (Summer):** E S -069-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.distance/

### E S 71: The Building Envelope

**Unit(s):** 1  
**Hours: One hour lecture (12 hours total per quarter).**  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An overview of the field of Energy Management and its importance in today's society, including future implications, and discussion of careers and impact on modern culture and society. This module introduces the whole building concept and related energy and conservation issues including the building envelope, HVAC systems, lighting, energy management and controls and renewable energy technologies. (One out-of-class field trip may be required for this course.)

**Course Notes (Summer):** E S -071-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.distance/

### E S 72: Heating, Ventilating and Air Conditioning (HVAC) Systems

**Unit(s):** 1  
**Hours: One hour lecture (12 hours total per quarter).**  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the building shell as the primary physical component of any facility which controls energy flow between the interior and exterior of the building. The goal is to develop a qualitative and analytical understanding of the thermal performance of major building envelope components. Topics include walls, doors, glazing (windows), roofing and building skin as well as climatic responsive building design. (One out-of-class field trip may be required for this course.)

**Course Notes (Summer):** E S -072-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.distance/

### E S 73: Electric Motors and Drives

**Unit(s):** 1  
**Hours: One hour lecture (12 hours total per quarter).**  
**Materials Fee:** $2.00  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Examines the opportunities for lowering energy consumption through energy-efficient motors and motor controls, including an introduction to the technology of high efficiency motors and variable frequency drives. Techniques to increase current carrying capacity, improve voltage to equipment, reduce power losses, and lower electric bills will be discussed. (One out-of-class field trip may be required for this course.)

**Course Notes (Summer):** E S -073-61Z: Video delivered course with online component and required on-campus exam. Available video streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.distance/
E S 74: Lighting Distribution Systems
Unit(s): 1 | Hours: One hour lecture (12 hours total per quarter). | Materials Fee: $2.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Provides an introduction to the fundamentals of lighting and energy management lighting techniques. Discusses the different types of lighting and day-lighting applications used in commercial and institutional buildings, while describing the quality and quantity of lighting needed for certain applications, measuring efficiency, color rendering, ballasts, etc. Lighting design that provides visual comfort at lower energy costs will be emphasized. (One out-of-class field trip may be required for this course.)

10657 * E S-074-612 Lighting Distribution Systems (CLAS) TBA TBA ROEDER, WILLIAM KC224

Course Notes (Summer): E S-074-612: Video delivered course with online component and required on-campus exam. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distnce/

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E S 75: Electric Power Systems
Unit(s): 1 | Hours: One hour lecture (12 hours total per quarter). | Materials Fee: $2.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to electric power systems, focusing on distribution components such as transformers, switch-gear, distribution panels, and wiring. Power system analysis, preventive maintenance, and record keeping techniques will be discussed. Emphasis will be placed on opportunities within a facility’s distribution system to save energy, increase equipment life, and reduce unscheduled outages. (One out-of-class field trip may be required for this course.)

10658 * E S-075-612 Electric Power Systems (CLAS) TBA TBA ROEDER, WILLIAM KC224

Course Notes (Summer): E S-075-612: Video delivered course with online component and required on-campus exam. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distnce/

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E S 76A: Solar Thermal Systems
Unit(s): 1 | Hours: One hour lecture (12 hours total per quarter). | Materials Fee: $2.00 | Formerly: (Formerly Environmental Studies 77) | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: An overview of solar thermal systems including water heating technologies which reduce energy use to generate hot water including maintaining equipment and insulation, reducing hot water use and water temperatures, reducing heat losses from the system, and utilizing waste heat sources and renewable energy technologies, including solar.

10659 * E S-076A-612 Solar Thermal Systems (CLAS) TBA TBA ROEDER, WILLIAM KC224

Course Notes (Summer): E S-076A-612: Video delivered course with online component and required on-campus exam. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distnce/

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E S 77Y: Special Projects in Environmental Studies
Unit(s): 2 | Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). | Repeatability: (Any combination of Environmental Studies 77X, 77Y and 77Z may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.) | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Individual research in environmental studies. Specific projects determined on consultation with the instructor. Outside reading and written report required.

00379 E S-077Y-65R Special Projects in Environmental Studies (LAB) TBA TBA CORNELY, PATRICIA KC224

Course Notes (Summer): E S-077Y-65R: Please contact Pat Cornel, (408) 864-8628, KC218, for special project topics.

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E S 78: Energy Management Systems and Controls
Unit(s): 1 | Hours: One hour lecture (12 hours total per quarter). | Materials Fee: $2.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Describes the most commonly used controls and energy management systems in commercial and institutional applications. Topics will include complex automatic systems for major energy-consuming equipment, as well as simple controls, including time clocks, occupancy sensors, photocells, and programmable thermostats. Computer-based energy management systems, as well as control systems to reduce peak electrical demand will be discussed. (One out-of-class field trip may be required for this course.)

10660 * E S-078-612 Energy Management Systems and Controls (CLAS) TBA TBA ROEDER, WILLIAM KC224

Course Notes (Summer): E S-078-612: Video delivered course with online component and required on-campus exam. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distnce/

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E S 79: Renewable and Alternative Energy Systems
Unit(s): 1 | Hours: One hour lecture (12 hours total per quarter). | Materials Fee: $2.00 | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the potential for renewable and alternative energy systems when adding power generation capacity for a site or large facility. Life-cycle cost comparisons between renewable energy systems and conventional power generation and the added potential of reducing peak power demand will be emphasized. Topics include photovoltaic power systems, wind energy systems, and fuel cells. (One out-of-class field trip may be required for this course.)

10661 * E S-079-612 Renewable and Alternative Energy Systems (CLAS) TBA TBA ROEDER, WILLIAM KC224

Course Notes (Summer): E S-079-612: Video delivered course with online component and required on-campus exam. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distnce/
**E S 80Z: California Field Studies**

Units: 4 | Hours: One hour lecture for each unit of credit (12 hours total for each unit of credit per quarter). | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Course Description:** Field observation of California's native plants and animals in aquatic and terrestrial ecosystems, with an emphasis on endangered, rare, protected and reintroduced species. The underlying social, economic and political issues associated with habitat and species loss will be discussed, as well as impacts on various cultural, ethnic and socioeconomic groups. (Off-campus field trips may be required.)

10691 E S -080Z-55 California Field Studies (CLAS) 06:00 PM-08:50 PM 07/11/2012 - 08/28/2013 SULLIVAN, KRISTIN KC201

**Course Notes (Summer):** E S -080Z-55: This field studies class meets Wednesday, July 11 at the Kirsch Center and August 23 - 29 (Thursday-Tuesday) in the Santa Cruz Mountains.

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**E S 95: Introduction to Environmental Careers**

Unit(s): 1 | Hours: One hour lecture (12 hours total per quarter). | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Course Description:** Learn about saving the planet through environmental careers, including ecosystem management, restoration ecology, corridors ecology, energy management technology, environmental stewardship, environmental education, watershed management, environmental law, pollution prevention and more. Opportunities for internships and employment in business, industry, public agencies, academia and nonprofit agencies will be explored. Students will prepare an academic plan for their two- or four-year degree, certificate or workplace.

10261 * E S -095-61Z Introduction to Environmental Careers (CLAS) TBA TBA CORNELY, PATRICIA KC224

**Course Notes (Summer):** E S -095-61Z: Video delivered course with online component and required on-campus exam. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. For more information go to: http://www.deanza.edu/distance/

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**E S 95A: Environmental Studies Internship**

Unit(s): 1 | Hours: One hour lecture for each unit of credit (12 hours total for each unit of credit per quarter). | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Course Description:** A work experience internship seminar. The seminar will prepare student interns for internships in business, industry or government related to the student's field of study. The internship must occur during the last year of study prior to completion of a degree or certificate program.

10687 E S -095A-55 Environmental Studies Internship (CLAS) TBA TBA CORNELY, PATRICIA TBA

**Course Notes (Summer):** E S -095A-55: Internship class requires approval by E.S. department faculty. Please contact Pat Cornely at (408) 864-8628 Room KC218 (Kirsch Center for Environmental Studies).

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**E S 95B: Environmental Studies Internship**

Unit(s): 2 | Hours: One hour lecture for each unit of credit (12 hours total for each unit of credit per quarter). | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Course Description:** A work experience internship seminar. The seminar will prepare student interns for internships in business, industry or government related to the student's field of study. The internship must occur during the last year of study prior to completion of a degree or certificate program.

10027 E S -095B-55 Environmental Studies Internship (CLAS) TBA TBA CORNELY, PATRICIA TBA

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***** **Economics**

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<th>CRN</th>
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<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
</table>

**ECON 1: Principles of Macroeconomics**

Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Materials Fee: $1.00 | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5. **Course Description:** An introduction to macroeconomics. Topics covered will include recessions and inflation, national income accounting, money and the banking system, money and the price level, classical macro theory, Keynesian macro theory, monetary and fiscal policy, and international trade.

00388 ECON-001-01 Principles of Macroeconomics (CLAS) 10:00 AM-12:25 PM TTh THOMAS, MONIKA S55

**Course Notes (Summer):** E S -095B-55: Internship class requires approval by E.S. department faculty. Please contact Pat Cornely at (408) 864-8628 Room KC218 (Kirsch Center for Environmental Studies).

00389 ECON-001-02 Principles of Macroeconomics (CLAS) 12:30 PM-02:55 PM TTh CONTRACTOR, ASPI S55

00390 ECON-001-03 Principles of Macroeconomics (CLAS) 03:00 PM-05:25 PM TTh CONTRACTOR, ASPI S55

00391 ECON-001-04 Principles of Macroeconomics (CLAS) 12:30 PM-02:55 PM TTh MALEK, NINOS L27

00392 ECON-001-01 Principles of Macroeconomics (CLAS) 06:00 PM-08:25 PM TTh BLOHM, STEPHEN S55
ECON 2: Principles of Microeconomics

Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Materials Fee: $1.00 | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Examines fundamental microeconomic issues; the allocation of resources and the production function, pricing of output and factors of production; the distribution of wealth and income; consumer motivations and behavior; the nature and behavior of business firms and markets under various degrees of competition; current problems.

***** English/Literature

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<td>TWTh</td>
<td>ZILL, STEPHEN</td>
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Course Notes (Summer): ECON-001-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

Course Notes (Summer): ECON-001-63: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

ECON-001-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/
culture's myths and folktales and its art, literature, and social values.

10283  ELIT-022.-61 Mythology and Folklore (CLAS)  05:30 PM-07:10 PM  MTWTh  HUBBARD, JUDITH  SEM2

ELIT 97: Special Topics: Shakespeare in Performance
Unit(s): 2  ||  Hours: Four hours lecture-laboratory (48 hours total per quarter).  ||  Materials Fee: $3.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 1A or English as a Second Language 5.
Course Description: Discussions of selected plays and an extended field trip to live performances of the plays at the annual Oregon Shakespeare Festival. Costs to be borne by the student.

10284  # ELIT-097.-55F Special Topics: Shakespeare in Performance (CLAS)  TBA  TBA  STAFF, M  TBA

***** Engineering

CRN  Course  Title  Time  Dates/ Days  Instructor  Location

ENGR 10: Introduction to Engineering
Unit(s): 4  ||  Hours: Three hours lecture, five hours laboratory (96 hours total per quarter).  ||  Materials Fee: $3.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 210 or equivalent.
Course Description: An introduction to engineering design through a variety of projects, including experimentation, data analysis, and development of computer skills. Exposure to several engineering disciplines through problem solving for the purpose of providing information to assist students in a choice of major.

10153  ENGR-010.-01 Introduction to Engineering (CLAS)  02:00 PM-03:15 PM  MTWTh  KRESTAS, GEORGE  S48
10153  ENGR-010.-01 Introduction to Engineering (LAB)  03:30 PM-05:45 PM  MTWTh  KRESTAS, GEORGE  S48

Course Notes (Summer): ELIT-097.-55F: Students have classroom instruction on 8/11/11 and 8/15/11 in Admin 119. The field trip to Ashland, Oregon takes place 8/17-8/21/11. Course Registration requires both instructor approval and $695 trip fee, which includes transportation, lodging, breakfasts, dinners, and six plays at the Oregon Shakespeare Festival.

ENGR 37: Introduction to Circuit Analysis
Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  Materials Fee: $3.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Mathematics 1D; Physics 4B (may be taken concurrently).

10154  ENGR-037.-61 Introduction to Circuit Analysis (CLAS)  06:30 PM-08:45 PM  MTWTh  KRESTAS, GEORGE  S48

***** Environmental Science

CRN  Course  Title  Time  Dates/ Days  Instructor  Location

ESCI 1: Environmental Science
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $4.00  ||  Formerly: (Formerly Environmental Science 51.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An introduction to environmental science as a branch of the sciences and its relation to the scientific field including the scientific method. Review of the principles, concepts and terminology of the environmental sciences and ecological literacy including restoration ecology, landscape ecology, sustainable studies and ecosystem management. Agenda 21 and other environmental indicator tools as they relate to human use of the earth's systems including the hydrosphere, atmosphere, lithosphere and biosphere and the impact on cultural, ethnic and gender groups will be explored. (One-day field trip outside of scheduled class time may be required for this course.)

10329  ESCI-001.-01 Environmental Science (CLAS)  09:30 AM-11:55 AM  MTW  PHILLIPS, JULIE  KC115
Course Notes (Summer): ESCI-001.-01: Field trips may be required for this class.
10692  ESCI-001.-02 Environmental Science (CLAS)  12:30 PM-04:20 PM  Starts: 07/02/2012  Ends: 07/19/2012  MTWTh  PHILLIPS, JULIE  KC115

Course Notes (Summer): ESCI-001.-02: This 3-week class meets July 2 to July 19. Field trips may be required for this class.

ESCI 1L: Environmental Science Laboratory
Unit(s): 1  ||  Hours: Three hours laboratory (36 hours total per quarter).  ||  Formerly: (Formerly Environmental Science 51L.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Co-requisite: Environmental Science 1L students must also enroll in, or have completed, Environmental Science 1. Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An introduction to environmental science as a branch of the sciences including the scientific method and its relation to the scientific field in a laboratory and field setting. Applications of scientific, environmental, ecological and sustainability principles as they relate to human societies will be explored.
### ESCI 19: Environmental Biology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
<th>Start/End Dates</th>
<th>Instructor(s)</th>
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<tr>
<td>ESCI 019-01</td>
<td>Environmental Biology (CLAS)</td>
<td>5</td>
<td>12:30 PM-04:20 PM</td>
<td>07/24/2012 - 08/08/2012</td>
<td>VOELKEL, SHARENE</td>
</tr>
<tr>
<td>ESCI 019-01</td>
<td>Environmental Biology (LAB)</td>
<td></td>
<td>09:30 AM-12:20 PM</td>
<td>07/24/2012 - 08/08/2012</td>
<td></td>
</tr>
</tbody>
</table>

**Course Notes:** ESCI 019-01: This 3-week course begins July 24 - August 9. Field trips are required for this class.

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to environmental biology as a branch of the environmental sciences and its relation to the scientific field. Review of the principles of environmental biology, ecology and conservation as they relate to natural resource use, the biodiversity crisis, pollution, human population and the impacts on all cultural, ethnic and gender groups. (Field trip outside of scheduled class time may be required for this course.)

**Method:** Letter Grade

### ESCI 30: Conservation Biology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
<th>Start/End Dates</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESCI 030-01</td>
<td>Conservation Biology (CLAS)</td>
<td>5</td>
<td>07:00 PM-09:25 PM</td>
<td>MTW</td>
<td></td>
</tr>
<tr>
<td>ESCI 030-01</td>
<td>Conservation Biology (LAB)</td>
<td></td>
<td>04:00 PM-06:40 PM</td>
<td>MW</td>
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</tbody>
</table>

**Course Notes:** ESCI 019-01: Field trips are required for this course.

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to conservation biology as a branch of the environmental sciences with particular focus on maintaining genetic, species and ecological diversity of life on Earth. Contemporary bio-conservation issues will be explored and adaptive, community-based conservation techniques applied to develop practical problem-solving approaches to the biodiversity crisis including habitat fragmentation. In addition cultural, economic and philosophical aspects of biodiversity conservation will be explored. (Off-campus field trips will be required.)

**Method:** Letter Grade

### ESCI 57: Wildlife Corridor Technician: Advanced Tracking

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
<th>Start/End Dates</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESCI 057-01</td>
<td>Wildlife Corridor Technician: Advanced Tracking (CLAS)</td>
<td>2</td>
<td>08:30 AM-01:20 PM</td>
<td>TTh</td>
<td>SRINIVASAN, NEELA</td>
</tr>
<tr>
<td>ESCI 057-01</td>
<td>Wildlife Corridor Technician: Advanced Tracking (LAB)</td>
<td></td>
<td>08:30 AM-06:20 PM</td>
<td>S</td>
<td></td>
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</table>

**Course Notes:** ESCI 057-01: Field trips are required for this course.

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Advanced tracking field studies lab course exploring wildlife movement and activities along the 37th parallel (Santa Cruz Mountains through the Diablo Range). Applies the principles of wildlife corridor technology to assist in the preservation, protection and restoration of native species and ecosystems.

**Method:** Letter Grade

### ESCI 82: Central Coast Wildlife Corridors: Coyote Valley

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
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<th>Instructor(s)</th>
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<tbody>
<tr>
<td>ESCI 082-01</td>
<td>Central Coast Wildlife Corridors: Coyote Valley (CLAS)</td>
<td>1</td>
<td>08:30 AM-02:20 PM</td>
<td>F</td>
<td>PHILLIPS, RYAN</td>
</tr>
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</table>

**Course Notes:** ESCI 082-01: Field trips are required for this field studies course.

**Requisites:** Requisite/Advisory: None.

**Course Description:** An exploration of the Coyote Valley Wildlife Corridor as an integral component of the Central Coast Wildlife Corridor Regional Landscape (CCWCRL). This field studies course will emphasize wildlife field identification techniques, animal tracking and bird survey protocols, field observation and data collection. These field studies will assist in the long-term preservation, protection and restoration of native species and ecosystems of the Central Coast Region.

**Method:** Letter Grade

### ESCI 87X: Central Coast Wildlife Corridors: Diablo Range

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
<th>Start/End Dates</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESCI 087X-01</td>
<td>Central Coast Wildlife Corridors: Diablo Range (CLAS)</td>
<td>2</td>
<td>08:30 AM-02:20 PM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Course Notes:** ESCI 087X-01: Field trips are required for this field studies course.

**Requisites:** Requisite/Advisory: None.

**Course Description:** An exploration of the Diablo Range Wildlife Corridor as an integral component of the Central Coast Wildlife Corridor Regional Landscape (CCWCRL). This field studies course will emphasize wildlife field identification techniques, animal tracking and bird survey protocols, field observation and data collection. These field studies will assist in the long-term preservation, protection and restoration of native species and ecosystems of the Central Coast Region.

**Method:** Letter Grade
***** English as a Second Language

ESL 5: Advanced Composition and Reading  
Unit(s): 5  
Hours: Five hours lecture (60 hours total per quarter).  
Materials Fee: $3.50  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; or a qualifying score on the English as a Second Language Placement Test.

Course Description: Close reading and analysis of a variety of personal, societal, academic, and literary texts representing culturally diverse perspectives. Practice of the techniques of expository, response, and argumentative writing based on personal experience, critical reading, and critical thinking. Composition of clear, organized, and well-developed essays with varied rhetorical strategies and for differing audiences.

ESL 234: Low Intermediate English as a Second Language  
Unit(s): 10  
Hours: Ten hours lecture (120 hours total per quarter).  
Materials Fee: $6.00  
Formerly: (Formerly English as a Second Language 134.)  
General Education Status: Non-GE  
Program Status: Not Program Applicable (Stand Alone)  
Credit Status: Credit - Not degree applicable  
Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: Qualifying score on the English as a Second Language Placement Test.

Course Description: Development of English speaking, listening, reading and writing skills. Practice in listening to and using basic forms of conversational English to ask and answer questions on a variety of cultural topics. Development of basic reading comprehension and vocabulary. Practice in writing simple and compound sentences, short narratives, explanations, and descriptions.

ESL 244: Intermediate English as a Second Language  
Unit(s): 10  
Hours: Ten hours lecture (120 hours total per quarter).  
Materials Fee: $6.00  
Formerly: (Formerly English as a Second Language 144.)  
General Education Status: Non-GE  
Program Status: Not Program Applicable (Stand Alone)  
Credit Status: Credit - Not degree applicable  
Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: Qualifying score on the English as a Second Language Placement Test; or English as a Second Language 234 with a grade of C or better.

Course Description: Development of English speaking, listening, reading and writing skills. Includes pronunciation practice, vocabulary building skills, writing short compositions and discussion of cross-cultural topics.

ESL 251: High Intermediate Listening and Speaking  
Unit(s): 3  
Hours: Three hours lecture (36 hours total per quarter).  
Materials Fee: $3.00  
General Education Status: Non-GE  
Program Status: Not Program Applicable (Stand Alone)  
Credit Status: Credit - Not degree applicable  
Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: English as a Second Language 244; or qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 251 students may also take English as a Second Language 252 and 253 concurrently.

Course Description: English speaking and listening practice in a variety of contexts. Development of vocabulary appropriate in both formal and informal situations.
### ESL 252: High Intermediate Reading

**Unit(s):** 3  
**Hours:** Three hours lecture (36 hours total per quarter).  
**Materials Fee:** $3.50  
**Formerly:** (Formerly English as a Second Language 152.)  
**General Education Status:** Non-GE  
**Program Status:** Not Program Applicable (Stand Alone)  
**Credit Status:** Credit - Not degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: English as a Second Language 244; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 252 students may also take English as a Second Language 251 and 253 concurrently.

**Course Description:** Development of high intermediate English reading comprehension and vocabulary building skills in extended written materials.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>10813 ESL-252-01</td>
<td>High Intermediate Reading (CLAS)</td>
<td>07:30 AM-09:20 AM</td>
<td>TWTTh</td>
<td>WONG, LETTY</td>
<td>L35</td>
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<tr>
<td>00432 ESL-252-02</td>
<td>High Intermediate Reading (CLAS)</td>
<td>10:00 AM-11:50 AM</td>
<td>TWTTh</td>
<td>SKLYAR, ANGELINA</td>
<td>E25</td>
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<tr>
<td>00433 ESL-252-03</td>
<td>High Intermediate Reading (CLAS)</td>
<td>12:30 PM-02:20 PM</td>
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<td>PEKKAINE, JANELL</td>
<td>L75</td>
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<tr>
<td>00434 ESL-252-04</td>
<td>High Intermediate Reading (CLAS)</td>
<td>06:00 PM-08:50 PM</td>
<td>TTh</td>
<td>BOERNER, KAREN</td>
<td>L33</td>
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</tbody>
</table>

### ESL 253: High Intermediate Grammar and Writing

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.50  
**General Education Status:** Non-GE  
**Program Status:** Not Program Applicable (Stand Alone)  
**Credit Status:** Credit - Not degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: English as a Second Language 244; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 253 students may also enroll in English as a Second Language 251 and 252 concurrently.

**Course Description:** Develop skills in using level-specific grammar and sentence structure in writing. Write organized and well-developed descriptive, narrative, and explanatory paragraphs.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>10814 ESL-253-02</td>
<td>High Intermediate Grammar and Writing (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TWTTh</td>
<td>LEE, CHARLES</td>
<td>L33</td>
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<tr>
<td>10815 ESL-253-03</td>
<td>High Intermediate Grammar and Writing (CLAS)</td>
<td>03:00 PM-05:25 PM</td>
<td>TWTTh</td>
<td>PEKKAINE, JANELL</td>
<td>L75</td>
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<tr>
<td>10816 ESL-253-04</td>
<td>High Intermediate Grammar and Writing (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>MW</td>
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<td>L33</td>
<td></td>
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</tbody>
</table>

### ESL 261: Low Advanced Listening and Speaking

**Unit(s):** 3  
**Hours:** Three hours lecture (36 hours total per quarter).  
**Materials Fee:** $3.00  
**Formerly:** (Formerly English as a Second Language 161.)  
**General Education Status:** Non-GE  
**Program Status:** Not Program Applicable (Stand Alone)  
**Credit Status:** Credit - Not degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: English as a Second Language 251 or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 261 students may also enroll in English as a Second Language 262 and 263 concurrently.

**Course Description:** Speaking and listening; emphasis on comprehension and analysis of information; expression of students’ ideas using a variety of levels of sophistication. Development of listening, pronunciation and note-taking skills.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<td>Low Advanced Listening and Speaking (CLAS)</td>
<td>10:00 AM-11:50 AM</td>
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<td>NORMAN, CRAIG</td>
<td>L35</td>
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<tr>
<td>00436 ESL-261-02</td>
<td>Low Advanced Listening and Speaking (CLAS)</td>
<td>12:30 PM-02:20 PM</td>
<td>TWTTh</td>
<td>COOPER, SUSAN</td>
<td>L61</td>
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<tr>
<td>00437 ESL-261-03</td>
<td>Low Advanced Listening and Speaking (CLAS)</td>
<td>06:00 PM-08:50 PM</td>
<td>TTh</td>
<td>COOPER, SUSAN</td>
<td>L34</td>
<td></td>
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</tbody>
</table>

### ESL 262: Low Advanced Reading

**Unit(s):** 3  
**Hours:** Three hours lecture (36 hours total per quarter).  
**Materials Fee:** $3.50  
**General Education Status:** Non-GE  
**Program Status:** Not Program Applicable (Stand Alone)  
**Credit Status:** Credit - Not degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: English as a Second Language 252 and 253; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 262 students may also enroll in English as a Second Language 261 and 263 concurrently.

**Course Description:** Development of advanced reading comprehension, vocabulary building skills, and improved reading rate in extended written materials.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
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<td>Low Advanced Reading (CLAS)</td>
<td>10:00 AM-11:50 AM</td>
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<td>BETLACH, MARCY</td>
<td>S72</td>
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<td>00439 ESL-262-02</td>
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<tr>
<td>00440 ESL-262-03</td>
<td>Low Advanced Reading (CLAS)</td>
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<td>TTh</td>
<td>NEWMAN, CHERI</td>
<td>L35</td>
<td></td>
</tr>
</tbody>
</table>

### ESL 263: Low Advanced Grammar and Writing

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.50  
**General Education Status:** Non-GE  
**Program Status:** Not Program Applicable (Stand Alone)  
**Credit Status:** Credit - Not degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: English as a Second Language 252 and 253; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 263 students may also enroll in English as a Second Language 261 and 262 concurrently.

**Course Description:** Develop skills for writing clear, organized, well-developed, multiple paragraph compositions that demonstrate analytical thinking and level-appropriate grammar, sentence structure and vocabulary.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
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<td>Low Advanced Grammar and Writing (CLAS)</td>
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<td>GOODWIN, MARY ELLEN</td>
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<tr>
<td>00444 ESL-263-03</td>
<td>Low Advanced Grammar and Writing (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTTh</td>
<td>LEE, CHARLES</td>
<td>E25</td>
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</tbody>
</table>
ESL 272: Advanced Reading and Vocabulary
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $3.50 || Formerly: (Formerly English as a Second Language 172.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 262 and 263; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 272 students may also enroll in English as a Second Language 273 concurrently.

Course Description: Development of academic vocabulary and reading skills through extensive reading of college level material in English.

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ESL 273: Introduction to the Essay
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $3.50 || Formerly: (Formerly English as a Second Language 173.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 262, 262 and 263 with a grade of C or better; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second 273 students may also enroll in English as a Second Language 272 concurrently.

Course Description: Principles of essay writing.

---

ESL 274: Grammar and Proofreading for Academic Writing
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $3.50 || Also Listed As: (Also listed as English Writing 274. Students may enroll in either department, but not both, for credit.) || Formerly: (Formerly English as a Second Language 174.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: (Recommended for students whose native language is not English and students who wish to improve their grammar and proofreading skills.) Prerequisite: English as a Second Language 261, 262 and 263; English Writing 200.

Course Description: Focus on helping students become successful academic writers by addressing their needs (a) to understand grammatical structures fundamental to college writing and (b) to develop effective proofreading skills.

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****** English/Writing

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EWRT 1A: Composition and Reading
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $3.50 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: English Writing 211 and Reading 211 (or Language Arts 211); or equivalent placement (normally based on results of the English Placement Tests).

Course Description: Introduction to university level reading and writing, with an emphasis on analysis. Close examination of a variety of texts (personal, popular, literary, professional, academic) from culturally diverse traditions. Practice in common rhetorical strategies used in academic writing. Composition of clear, well-organized, and well-developed essays, with varying purposes and differing audiences, from personal to academic.
Course Notes (Summer): EWRT-001A-61Z. Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

Requisite: EWRT 1A.

Course Description: Development of analytical, integrative skills in reading and writing. Academic (interpretive, analytical, argumentative) writing based largely on reading of literary/imaginative texts linked by a common theme or issue. Outside research leading to analysis, comparison, and synthesis in documented research paper.

EWRT 1B: Reading, Writing, and Research

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $3.50 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

EWRT 1C: Literature and Composition

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $3.50 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

EWRT 2: Critical Reading, Writing, and Thinking

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $3.50 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisite: (See general education pages for the requirement this course meets.) Prerequisite: English Writing 1A.

Course Description: Applies the analytical, critical, and synthesis skills developed in English Writing 1A and 1B to the ways meaning can be made in diverse cultural, social, and historical contexts in prose, poetry, and drama by reading and analyzing texts and critical interpretations and by composing critical responses, analyses, and arguments.

Course Notes (Summer): EWRT-001B-61Z. Online Course. Students must have access to a computer, the internet and an individual e-mail address. Information on REQUIRED course orientation available at http://www.deanza.edu/distance/
### EWRT-002 - Critical Reading, Writing, and Thinking (CLAS)

<table>
<thead>
<tr>
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<th>Description</th>
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<th>Department</th>
</tr>
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<tbody>
<tr>
<td>EWRT-002-.04</td>
<td>Critical Reading, Writing, and Thinking (CLAS)</td>
<td>MTWTh</td>
<td>12:30 PM-02:45 PM</td>
<td>BRENNAN, RAYMOND</td>
<td>ADM103</td>
</tr>
<tr>
<td>EWRT-002-.05</td>
<td>Critical Reading, Writing, and Thinking (CLAS)</td>
<td>MTWTh</td>
<td>12:30 PM-02:45 PM</td>
<td>NELSON-REBELE, RENEE</td>
<td>MCC-13</td>
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<tr>
<td>EWRT-002-.06</td>
<td>Critical Reading, Writing, and Thinking (CLAS)</td>
<td>MTWTh</td>
<td>03:00 PM-05:15 PM</td>
<td>DICKSON, RYAN</td>
<td>SEM2</td>
</tr>
<tr>
<td>EWRT-002-.07</td>
<td>Critical Reading, Writing, and Thinking (CLAS)</td>
<td>MTWTh</td>
<td>12:30 PM-02:45 PM</td>
<td>GRAVENER, JOHN</td>
<td>SEM2</td>
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</tbody>
</table>

**Course Notes (Summer):** EWRT-002-.61Z. Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

**Course Notes (Summer):** EWRT-002-.65Z. Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### EWRT-002 - Introduction to Creative Writing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Days</th>
<th>Time</th>
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<td>EWRT-002-.67Z</td>
<td>Critical Reading, Writing, and Thinking (CLAS)</td>
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<td>LIMCOLIOC, LUIS</td>
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**Course Notes (Summer):** EWRT-002-.66Z. Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

**Course Notes (Summer):** EWRT-002-.66Z. Online Course with required on-campus orientation. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### EWRT 30: Introduction to Critical Reading

**Unit(s):** 4

- Hours: Four hours lecture (48 hours total per quarter).
- Materials Fee: $3.00
- General Education Status: GE
- Program Status: Program Applicable
- Credit Status: Credit - Degree applicable
- Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: English Writing 211 and Reading 211 (or Language Arts 211); plus co-requisite lab classes in each case; or equivalent placement into English Writing 1A.

**Course Description:** Introduction to the writing of fiction, poetry, drama, and creative nonfiction, through both critical analysis and intensive practice.

### EWRT 42: Writing It Real: Creative Nonfiction and Memoir Writing

**Unit(s):** 4

- Hours: Four hours lecture (48 hours total per quarter).
- Materials Fee: $3.00
- Formerly: (Formerly English Writing 54.)
- General Education Status: Non-GE
- Program Status: Program Applicable
- Credit Status: Credit - Degree applicable
- Grading Method: Letter Grade

**Requisites:** Prerequisite: English Writing 211 and Reading 211 (or Language Arts 211).

**Course Description:** Development of skills in writing creative nonfiction and memoir through critical analysis and intensive practice.

### EWRT 211: Preparatory Reading and Writing Skills

**Unit(s):** 5

- Hours: Five hours lecture (60 hours total per quarter).
- Materials Fee: $3.00
- Formerly: (Formerly English Writing 100.)
- General Education Status: Non-GE
- Program Status: Not Program Applicable (Stand Alone)
- Credit Status: Credit - Not degree applicable
- Grading Method: Pass/Fail

**Requisites:** Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200); or a qualifying score on the English Placement Test.

**Course Description:** Develop the abilities necessary for college-level reading and essay writing. Emphasize writing in response to critical questions about assigned texts.

### EWRT 274: Grammar and Proofreading for Academic Writing

**Unit(s):** 4

- Hours: Four hours lecture (48 hours total per quarter).
- Materials Fee: $3.50
- Also Listed As: (Also listed as English as a Second Language 274. Students may enroll in either department, but not both, for credit.)
- Formerly: (Formerly English Writing 174.)
- General Education Status: Non-GE
- Program Status: Not Program Applicable (Stand Alone)
- Credit Status: Credit - Not degree applicable
- Grading Method: Letter Grade
Requisites: (Recommended for students whose native language is not English and students who wish to improve their grammar and proofreading skills.) Prerequisite: English as a Second Language 261, 262 and 263, English Writing 200.
Course Description: Focus on helping students become successful academic writers by addressing their needs (a) to understand grammatical structures fundamental to college writing and (b) to develop effective proofreading skills.

00513 EWRRT-274-.01 Grammar and Proofreading for Academic Writing (CLAS) 03:00 PM-05:25 PM TWTh DUBARRY, MICHELE L61

***** Film and Television Production

CRN Course Title Time Dates/Days Instructor Location

F/TV 1: Introduction to Film
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $2.00 || Also Listed As: (Also listed as English Literature 1. Students may enroll in either department, but not both, for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An introduction to the international art of cinema through the techniques and procedures of filmmaking, including screenwriting, cinematography, directing, editing, and sound; through the formal properties of film, such as mise-en-scene, structure, and style; through the relationships between film and society, and through the critical analysis of works of film art.

00515 F/TV-001-.01 Introduction to Film (CLAS) 09:00 AM-12:50 PM TTh TAVERNETTI, SUSAN AT120
00514 F/TV-001-.02 Introduction to Film (CLAS) 01:00 PM-04:50 PM MW LOVELL, GLENN AT120

F/TV 2B: History of Cinema (1950-Present)
Unit(s): 4 || Hours: Four hours lecture for the four unit course (48 hours total per quarter); four and one-half hours lecture for the four and one-half unit course (54 hours total per quarter). || Materials Fee: $2.00 || Also Listed As: (Students may enroll in either Film/Television 2B or Film/Television 2BW, but not both, for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: A survey of the international development of the motion picture since 1950 as a distinct form of artistic expression, through classic films, notable artists, and key events; an investigation of the aesthetic, technological, economic, and social factors that contributed to the evolution of film; an examination of the value systems reflected in and shaped by these works from diverse cultures. Film/Television 2BW will cover expanded topics in historiography, such as problems and approaches to historical film research and analysis.

00517 F/TV-002B-.01 History of Cinema (1950-Present) (CLAS) 01:00 PM-04:50 PM TTh TAVERNETTI, SUSAN AT120

F/TV 20: Basic Digital Film/Video Production
Unit(s): 4 || Hours: Three hours lecture, three hours laboratory (72 hours total per quarter). || Materials Fee: $3.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Advisory: Film/Television 54, 54X, 54Y or 54Z (may be taken concurrently).
Course Description: Digital video production, film-style production techniques including digital video and HD formats; camera operation and procedures, basic principles and techniques of sound and screenwriting; and film and nonlinear editing.

00518 F/TV-020-.61 Basic Digital Film/Video Production (CLAS) 05:00 PM-07:50 PM MW LISHA, ZAKI AT107
00518 F/TV-020-.61 Basic Digital Film/Video Production (LAB) 08:00 PM-10:50 PM MW LISHA, ZAKI AT107

F/TV 54X: Film/Television Production Laboratory
Unit(s): 1 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Film/Television 54X, 54Y and 54Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Co-requisite: Film/Television 54X, 54Y and 54Z students must also enroll in Film/Television 20 or any other Film/Television production course.
Course Description: Instruction in the use of film and television laboratory equipment and facilities to fulfill assigned projects in other film and television production courses.

00519 F/TV-054X-.61 Film/Television Production Laboratory (LAB) 06:30 PM-09:20 PM TTh IRWIN, DENNIS AT110

F/TV 58U: Film/Television Production Workshop
Unit(s): 3 || Hours: Two hours lecture-laboratory for each unit of credit (24 hours total for each unit of credit per quarter). || Materials Fee: $3.00 || Repeatability: (Any combination of Film/Television 59R-Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Prerequisite: Film/Television 20.
Course Description: A workshop in film or video production in which the student works independently, or with a crew, to produce a film or video to refine skills in camera, lighting, directing, post-production, and other related skills. The number of units is dependent on the production.

00521 F/TV-058U-.01 Film/Television Production Workshop (CLAS) 11:00 AM-04:50 PM MW LISHA, ZAKI AT107

F/TV 75K: Japanese Animation
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $1.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An examination of the post-1960s evolution of animated films in Japan, a national cinema famed for its exciting range of subject matter and outstanding graphics. Screening of exemplary and influential works by distinguished artists, writing collectives and production studios. Close analysis of social content, reflections of history, adaptations of literature and artistic technique.

F/TV 79G: Workshop with Professional Traditional Animator
Unit(s): 3 || Hours: Two hours lecture, two hours lecture-laboratory (48 hours total per quarter). || Repeatability: (Any combination of Film/Television 79G and 79H may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

F/TV 79H: Workshop with Professional Computer Animator
Unit(s): 3 || Hours: Two hours lecture, two hours lecture-laboratory (48 hours total per quarter). || Repeatability: (Any combination of Film/Television 79G and 79H may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

***** French

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<td>FREN-001-.01</td>
<td>Elementary French (First Quarter) (CLAS)</td>
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<td>THAO, CHANTAL</td>
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***** Geography

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<td>10156</td>
<td>GEO-001-.01</td>
<td>Physical Geography (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTh</td>
<td>HITCHCOCK, MICHAEL</td>
<td>L23</td>
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Course Description: An introduction to the basic physical elements of geography and the diverse physical environment in which we live. Topics include the global patterns of weather and climate, landforms, soils and vegetation along with human modification of natural environments.
GEO 10: World Regional Geography
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $1.50 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5; Mathematics 210 or equivalent.

Course Description: An introduction to the major distinctive regions of the world; their natural environment, people, resources, agriculture, manufacturing, trade, cities and the problems relating to contemporary society in each of the regions. Understanding the increasing interdependencies among and between regions.

10168 GEO-010-.01 World Regional Geography (CLAS) 10:00 AM-12:25 PM TTh HITCHCOCK, MICHAEL L23

***** Geology

CRN Course Title Time Dates/Days Instructor Location

GEOL 10: Introductory Geology
Unit(s): 5 || Hours: Four hours lecture, three hours laboratory (84 hours total per quarter). || Materials Fee: $5.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Analysis and description of the composition, structure, and development of the earth's external and internal features. Examination of the concepts and principles upon which geologic knowledge is based. (One Saturday field trip is required.)

00530 GEOL-010-.01 Introductory Geology (CLAS) 09:00 AM-10:50 AM MTh DILEONARDO, CHRISTOPHER S15

00530 GEOL-010-.01 Introductory Geology (LAB) 11:00 AM-12:15 PM MTh DILEONARDO, CHRISTOPHER S15

***** History

CRN Course Title Time Dates/Days Instructor Location

HIST 3A: World History
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $1.00 || Also Listed As: (Also listed as Intercultural Studies 3A. Students may enroll in either department, but not both, for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with late prehistoric times and covering to 750 Common Era (C.E.), focusing on the world's ancient peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world's cultures from Africa, the Americas, Asia, Europe and Oceania.

00534 HIST-003A-01 World History (CLAS) 12:30 PM-02:55 PM TTh KLINE, BEN G1

00535 HIST-003A-61 World History (CLAS) 06:00 PM-08:25 PM TTh MARDER, PATRICK ADM119

HIST 3B: World History
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $1.00 || Also Listed As: (Also listed as Intercultural Studies 3B. Students may enroll in either department, but not both, for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with 750 Common Era (C.E.) and covering to 1750 Common Era (C.E.), focusing on the convergence of the world's peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world's cultures from Africa, the Americas, Asia, Europe and Oceania.

00537 HIST-003B-01 World History (CLAS) 10:00 AM-12:25 PM TTh KLINE, BEN MCC-10

HIST 3C: World History
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $1.00 || Also Listed As: (Also listed as Intercultural Studies 3C. Students may enroll in either department, but not both, for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with 1750 Common Era (C.E.) and covering to the present, focusing on recent and current interactions between the world's peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world's cultures from Africa, the Americas, Asia, Europe and Oceania.

10168 HIST-003C-01 World History (CLAS) 07:30 AM-09:55 AM TTh RAMSEY-OSBORNE, RAEANN L25
HIST 4A: History of Western Civilization
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter). |  Materials Fee: $1.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: The development of Western culture from its origins in the Near East through the Hellenistic era, with an emphasis on the growth of ancient Greek rationalism.

00539  HIST-004A-01  History of Western Civilization (CLAS)  10:00 AM-12:25 PM  TWTh  MARDER, PATRICK  G1

HIST 17A: History of the United States to Early National Era
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter). |  Materials Fee: $1.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: U.S. civilization to Early National Era. A survey of the social, cultural, political, economic and intellectual development of the Colonial Era with emphasis on the era of the American Revolution, the development of the Constitution, and the role of the major ethnic, social and gender groups in the American experience.

10662  HIST-017A-01  History of the United States to Early National Era (CLAS)  10:00 AM-12:25 PM  TWTh  JACKSON, CHRISTOPHER  S75

00542  HIST-017A-61  History of the United States to Early National Era (CLAS)  06:00 PM-08:25 PM  TWTh  MUJAL, CARLOS  S75

00543  * HIST-017A-61Z  History of the United States to Early National Era (CLAS)  TBA  TBA  HOWARD-PITNEY, DAVID  ONLINE

Course Notes (Summer): HIST-017A-61Z: Online course with required on-campus meetings. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

HIST 17B: History of the United States from 1800 to 1900
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter). |  Materials Fee: $1.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: U.S. civilization from 1800 to 1900. A survey of United States history (political, economic, intellectual, and social development).

00544  HIST-017B-01  History of the United States from 1800 to 1900 (CLAS)  12:30 PM-02:55 PM  TWTh  HAMER, JOHN  S75

HIST 17C: History of the United States from 1900 to the Present
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter). |  Materials Fee: $1.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: American civilization from 1900 to the present. A survey of United States History (political, economic, intellectual, and social development).

01106  HIST-017C-01  History of the United States from 1900 to the Present (CLAS)  07:30 AM-09:55 AM  TWTh  IGNOFFO, MARY  S56

10170  HIST-017C-03  History of the United States from 1900 to the Present (CLAS)  03:30 PM-05:55 PM  TWTh  MUJAL, CARLOS  S75

00546  HIST-017C-61  History of the United States from 1900 to the Present (CLAS)  06:00 PM-08:25 PM  TWTh  HAMER, JOHN  G1

00547  * HIST-017C-61Z  History of the United States from 1900 to the Present (CLAS)  TBA  TBA  HOWARD-PITNEY, DAVID  ONLINE

***** Health

CRN  Course  Title  Time  Dates/Days  Instructor  Location

HLTH 21: Contemporary Health Concerns
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter). |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Development of understanding and attitudes relative to personal, family, community, and global health needs. Attention given to mental health, drug abuse, infectious and degenerative diseases, family health, nutrition, exercise, the life cycle, and ecological conditions of health significance. Study of common lifestyle behaviors will emphasize self-help and preventable aspects of medical care.

00549  * HLTH-021-61Z  Contemporary Health Concerns (CLAS)  TBA  TBA  LIECHTY, BARBARA  ONLINE

***** Health Technologies

CRN  Course  Title  Time  Dates/Days  Instructor  Location

HTEC 50: Introduction to Health Technologies
**HTEC 60A: Basic Medical Terminology**

Unit(s): 3  ||  Hours: Three hours lecture (36 hours total per quarter).  ||  Materials Fee: $4.50  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Health Technologies 50 (may be taken concurrently). (Those enrolled in De Anza College’s Health Technologies programs must complete the pre/co-requisite; those not enrolled in Health Technologies programs do not need to complete the pre/co-requisite.)

Course Description: Orientation to medical terminology; basic structure of medical terms and their components-prefixes, suffixes and roots with emphasis on analysis, definition, spelling and pronunciation.

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<td>HTEC-060A-01</td>
<td>Basic Medical Terminology (CLAS)</td>
<td>01:30 PM-04:20 PM</td>
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<td>POWER, ROBERTA</td>
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**HTEC 60G: Advanced Medical Terminology**

Unit(s): 2  ||  Hours: Two hours lecture (24 hours total per quarter).  ||  Materials Fee: $4.50  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: Health Technologies 60A.

Course Description: Application of medical terminology to the following body systems: digestive, urinary, reproductive, nervous, integumentary, sensory organs, and radiology.

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<td>HTEC-060G-61</td>
<td>Advanced Medical Terminology (CLAS)</td>
<td>04:30 PM-06:20 PM</td>
<td>MW</td>
<td>POWER, ROBERTA</td>
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**HTEC 68: Medical Reception Internship**

Unit(s): 2  ||  Hours: Six hours laboratory (72 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Health Technologies 60A, 71 and 73; Computer Applications and Office Systems 70A.

Course Description: Practical medical reception experience in medical clinics.

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<td>HTEC-068-.55F</td>
<td>Medical Reception Internship (LAB)</td>
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<td>BROWN, MICHALA</td>
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Course Notes (Summer): HTEC-068-.55F: Class meets twelve weeks: July 2-Aug 22. Obtain externship request packet from instructor.

**HTEC 73: Medical Law and Ethics**

Unit(s): 1 1/2  ||  Hours: Three hours lecture-laboratory (36 hours total per quarter).  ||  Materials Fee: $4.50  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: Health Technologies 60A.

Course Description: Medical ethics, medical practice acts, legal relationship of patient and physician, legal responsibilities of the health technology team member, professional liability, physician’s civic duties and arbitration.

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<td>HTEC-073-.61</td>
<td>Medical Law and Ethics (CLAS)</td>
<td>04:30 PM-07:20 PM</td>
<td>TTh</td>
<td>POWER, ROBERTA</td>
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**HTEC 75: Medical Office Management**

Unit(s): 1 1/2  ||  Hours: Three hours lecture-laboratory (36 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: Health Technologies 60A and 72.

Course Description: Advanced administrative skills including computerized accounts management duties of the medical office manager, personnel recruitment and training, financial management, office policy and procedure manuals, editorial and research duties and meeting arrangements.

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<td>HTEC-075-.01</td>
<td>Medical Office Management (CLAS)</td>
<td>01:30 PM-04:20 PM</td>
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<td>POWER, ROBERTA</td>
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</table>

**HTEC 95A: Medical Assisting Internship**

Unit(s): 3  ||  Hours: Nine hours laboratory (108 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A; and Biology 54G, 54H, 54I, 54J; and Computer Applications and Office Systems 84A, 104O, 110M; and Health Technologies 50, 60A, 60G, 60H, 61, 64A, 64B, 68, 71, 72, 73, 74, 75, 90G, 90H, 91, 93, 94, 96A and 110.

Course Description: Clinical medical assisting practical experience in medical facilities.

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<td>HTEC-095A-.55F</td>
<td>Medical Assisting Internship (LAB)</td>
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Course Notes (Summer): HTEC-095A-.55F: Class meets twelve weeks: July 2-Aug 22. Obtain externship request packet from instructor.

**HTEC 95B: Phlebotomy Technician I Internship**
Unit(s): 3     | Hours: Nine hours laboratory (108 hours total per quarter).     | Repeatability: (May be taken up to two times for credit.)     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Computer Application and Office Systems 70A, 90GA, 91AM, and Health 57A, 57E; and Health Technologies 50, 60A, 64A, 64B, 73, 95 and 101A.

Course Description: Phlebotomy Technician I practical experience in medical facilities.

10636     | HTEC-095B-55F Phlebotomy Technician I Externship (LAB)     | TBA     | Starts: 07/02/2012     | Ends: 09/22/2012     | LAVIN, MARY     | TBA

Course Notes (Summer): HTEC-095B-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

HTEC 96A: Medical Assisting Externship

Unit(s): 4     | Hours: Twelve hours laboratory (144 hours total per quarter).     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A; and Biology 54G, 54H, 54I, 54J; and Computer Application and Office Systems 84A, 104O, 110M; and Health Technologies 50, 60A, 60G, 60H, 61, 64A, 64B, 68, 71, 72, 73, 74, 75, 90G, 90H, 91, 93, 94, 95A and 110.

Course Description: Administrative and clinical medical assisting practical experience in medical facilities.

10637     | HTEC-096A-55F Medical Assisting Externship (LAB)     | TBA     | Starts: 07/02/2012     | Ends: 09/22/2012     | LAVIN, MARY     | TBA

Course Notes (Summer): HTEC-096A-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

HTEC 96B: Medical Secretarial Externship

Unit(s): 4     | Hours: Twelve hours laboratory (144 hours total per quarter).     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Accounting 1A; and Biology 54G, 54H, 54I, 54J; and Computer Application and Office Systems 81H, 84A, 104O, 110M; and Health Technologies 50, 60A, 60G, 60H, 61, 68, 71, 72, 73, 74, 75, 101C, 101D and 101G.

Course Description: Medical secretarial practical experience in medical facilities.

10638     | HTEC-096B-55F Medical Secretarial Externship (LAB)     | TBA     | Starts: 07/02/2012     | Ends: 09/22/2012     | BROWN, MICHALA     | TBA

Course Notes (Summer): HTEC-096B-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

HTEC 96C: Medical File Clerk Externship

Unit(s): 4     | Hours: Twelve hours laboratory (144 hours total per quarter).     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Computer Applications and Office Systems 70A, 90GA, 91AM, 110M, 104O; and Health Technologies 50, 60A and 73.

Course Description: Medical file clerk practical experience in medical facilities.

10639     | HTEC-096C-55F Medical File Clerk Externship (LAB)     | TBA     | Starts: 07/02/2012     | Ends: 09/22/2012     | BROWN, MICHALA     | TBA

Course Notes (Summer): HTEC-096C-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

HTEC 96D: Medical Record Clerk Externship

Unit(s): 4     | Hours: Twelve hours laboratory (144 hours total per quarter).     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Computer Applications and Office Systems 70AA, 90GA, 91AM, 110M, 104O; and Health Technologies 50, 60A, 71 and 73.

Course Description: Medical record clerk practical experience in medical facilities.

10640     | HTEC-096D-55F Medical Record Clerk Externship (LAB)     | TBA     | Starts: 07/02/2012     | Ends: 09/22/2012     | BROWN, MICHALA     | TBA

Course Notes (Summer): HTEC-096D-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

HTEC 96E: Business Office Clerk Externship

Unit(s): 4     | Hours: Twelve hours laboratory (144 hours total per quarter).     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Computer Applications and Office Systems 70A, 90GA, 91AM, 110M, 104O; and Health Technologies 50, 60A, 72, 73 and 101D.

Course Description: Business office clerk practical experience in medical facilities.

10641     | HTEC-096E-55F Business Office Clerk Externship (LAB)     | TBA     | Starts: 07/02/2012     | Ends: 09/22/2012     | BROWN, MICHALA     | TBA

Course Notes (Summer): HTEC-096E-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

HTEC 96F: Insurance and Coding Externship

Unit(s): 4     | Hours: Twelve hours laboratory (144 hours total per quarter).     | General Education Status: Non-GE     | Program Status: Program Applicable     | Credit Status: Credit - Degree applicable     | Grading Method: Letter Grade

Requisites: Prerequisite: Biology 54G, 54H, 54I, 54J; and Health Technologies 50, 60A, 60G, 60H, 61, 72, 73, 101C and 101D.

Course Description: Insurance and coding practical experience in medical facilities.
### HTEC 96G: Medical Transcription Externship

**Unit(s):** 4  ||  **Hours:** Twelve hours laboratory (144 hours total per quarter).  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Biology 54G, 54H, 54I, 54J; Health Technologies 50, 60A, 60G, 60H, 61, 73 and 74.

**Course Description:** Medical transcription practical experience in medical facilities.

Course Notes (Summer): HTEC-096G-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

### HTEC 96H: EKG Externship

**Unit(s):** 4  ||  **Hours:** Twelve hours laboratory (144 hours total per quarter).  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Health Technologies 50, 60A, 60G, 60H, 90G, 64A, 64B, 73, 91, 95B, 101A, 101B and 101F.

**Course Description:** Lab assisting practical experience in medical facilities.

Course Notes (Summer): HTEC-096H-55F: Class meets twelve weeks: July 2-Sept 22. Obtain externship request packet from instructor.

### HTEC 180: Clinical Hematology/Urinalysis/ Coagulation Practicum

**Unit(s):** 6  ||  **Hours:** Eighteen hours laboratory (216 hours total per quarter).  ||  **Formerly:** (Formerly Health Technology 280.)  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Health Technologies 80A, 81A and 82A.

**Course Description:** Provides entry-level clinical laboratory practice/experience in the department of hematology, urinalysis and coagulation. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will be conducted at a clinical affiliate site that will be assigned by the MLT (Medical Laboratory Technician) Program Director.

Course Notes (Summer): HTEC-180-.55F: Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. Class meets twelve weeks: July 2 through Sept. 22.

### HTEC 183: Clinical Microbiology Practicum

**Unit(s):** 6  ||  **Hours:** Eighteen hours laboratory (216 hours total per quarter).  ||  **Formerly:** (Formerly Health Technology 283.)  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Health Technologies 83A.

**Course Description:** Provides entry-level clinical laboratory practice/experience in the department of microbiology. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will take place at a clinical affiliate site that will be assigned by the MLT (Medical Laboratory Technician) Program Director.

Course Notes (Summer): HTEC-183-.55F: Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. Class meets twelve weeks: July 2 through Sept. 22.

### HTEC 184: Clinical Immunology/ Immunohematology Practicum

**Unit(s):** 4 1/2  ||  **Hours:** Thirteen and one-half hours laboratory (162 hours total per quarter).  ||  **Formerly:** (Formerly Health Technology 284.)  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Health Technologies 84A.

**Course Description:** Provides entry-level clinical laboratory practice/experience in the department of serology and blood banking. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will take place at a clinical affiliate site that will be assigned by the MLT (Medical Laboratory Technician) Program Director.

Course Notes (Summer): HTEC-184-.55F: Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. Class meets twelve weeks: July 2 through Sept. 22.

### HTEC 185: Clinical Chemistry Practicum

**Unit(s):** 6  ||  **Hours:** Eighteen hours laboratory (216 hours total per quarter).  ||  **Formerly:** (Formerly Health Technology 285.)  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Prerequisite: Health Technologies 85C and 85D.

**Course Description:** Provides entry-level clinical laboratory practice/experience in the department of general and special chemistry. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will be conducted at a clinical affiliate site that will be assigned by the MLT (Medical Laboratory Technician) Program Director.

Course Notes (Summer): HTEC-185-.55F: Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. Class meets twelve weeks: July 2 through Sept. 22.
***** Human Development

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<th>CRN</th>
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<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>HUMA 10: Human Sexuality</td>
<td>Unit(s): 4</td>
<td></td>
<td>Hours: Four hours lecture (48 hours total per quarter).</td>
<td></td>
<td>General Education Status: GE</td>
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<tr>
<td>HUMA 10: Human Sexuality</td>
<td>Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5. Course Description: The comprehensive study of the biological, psychological and socio-cultural aspects of human sexuality. An exploration into values and attitudes and their relationship to behaviors and behavioral changes. Includes an assessment of various cultural mores and current safe sex practices.</td>
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<td>JOPLIN, NATASHA</td>
<td>S32</td>
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***** Humanities

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<td>HUMI 1: Creative Minds</td>
<td>Unit(s): 4</td>
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<td>Hours: Four hours lecture (48 hours total per quarter).</td>
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<td>Materials Fee: $2.00</td>
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<tr>
<td>HUMI 1: Creative Minds</td>
<td>Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5. Course Description: An introduction to the study of creativity in human life; its sources, development, social purpose, and role in culture change. Students analyze creativity as a central source of meaning and purpose in their lives as well as a development of their unique combination of human intelligences. Lives of creative people from all over the world are examined and contextualized.</td>
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<td>10664</td>
<td>HUMI-001-01</td>
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<td>BERNEY, APRYL</td>
<td>ECOT-1</td>
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<td>Course Notes (Summer): HTEC-185-.55F. Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. Class meets twelve weeks: July 2 through Sept. 22.</td>
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<td>Creative Minds (CLAS)</td>
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<td>10173</td>
<td>*HUMI-001-612</td>
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<td>Course Notes (Summer): HUMI-001-612: Online course. Access to e-mail and the Internet also required. Information on REQUIRED orientation available at <a href="http://www.deanza.edu/distance/">http://www.deanza.edu/distance/</a></td>
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HUMI 6: Popular Culture

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<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>HUMI 6: Popular Culture</td>
<td>Unit(s): 4</td>
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<td>Hours: Four hours lecture (48 hours total per quarter).</td>
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<td>Formerly: (Formerly Humanities 51.)</td>
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<tr>
<td>HUMI 6: Popular Culture</td>
<td>Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5. Course Description: Utilizes the methods of the humanities in a critical analysis of popular culture. This inquiry is framed in multicultural, historical and political contexts and will evaluate how popular culture is created and sustained by mass media and techniques of mass production, marketing and distribution. Students examine how social meaning is constructed by the &quot;texts&quot; of popular culture in a constantly changing era of globalization of information and economies.</td>
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<td>HUMI-006-01</td>
<td>Popular Culture (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
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<td>BERNEY, APRYL</td>
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HUMI 7: The Arts and the Human Spirit

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<tr>
<td>HUMI 7: The Arts and the Human Spirit</td>
<td>Unit(s): 4</td>
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<td>Hours: Four hours lecture (48 hours total per quarter).</td>
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<td>Materials Fee: $1.00</td>
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<tr>
<td>HUMI 7: The Arts and the Human Spirit</td>
<td>Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5. Course Description: Explores the expression of spiritual and religious thought and aspiration in the arts. Examines religious art in various media in particular, and analyzes the roles of creativity and spirituality in the arts in general. Critical, reflective and experiential in approach.</td>
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<td>10226</td>
<td>*HUMI-007-612</td>
<td>The Arts and the Human Spirit (CLAS)</td>
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<td>CLINCHARD, LORI</td>
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<td>Course Notes (Summer): HUMI-007-612: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at <a href="http://www.deanza.edu/distance/">http://www.deanza.edu/distance/</a></td>
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HUMI 9: Introduction to Comparative Religion

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<th>CRN</th>
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<th>Dates/Days</th>
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</thead>
<tbody>
<tr>
<td>HUMI 9: Introduction to Comparative Religion</td>
<td>Unit(s): 4</td>
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<td>Hours: Four hours lecture (48 hours total per quarter).</td>
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<td>Materials Fee: $1.00</td>
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<tr>
<td>HUMI 9: Introduction to Comparative Religion</td>
<td>Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5. Course Description: An interdisciplinary examination and comparison of the religious dimensions of human life, history, terminology, emotional experiences, concepts, attitudes, images, material expressions, conflicts, myths, metaphors, symbols, perceptions of nature and the natural environment and rituals relating to the particular social context of each tradition. Emphasis will be placed on the numerous practices and perspectives of women and men throughout time and from different cultures regarding their sense of the sacred.</td>
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</table>
HUMI 16: Arts, Ideas and Values
Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Materials Fee: $2.00 | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Interdisciplinary introduction to artistic cultural studies. A critical analysis of the dynamic process through which contemporary cultural values and social constructions of gender, ethnicity, sexual orientation, social class, religion and globalization shape and have been shaped by artistic expression. Special emphasis is placed on art as a tool for social change.

0104 HUMI-016-.01 HUMI 16: Arts, Ideas and Values (CLAS) 12:30 PM-02:55 PM TWTh BERRY, LESLIE ECOT-1

HUMI 18: History as Mystery: Western Perspectives in Global Contexts
Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: As history reveals, it also conceals; so, what do historical narratives conceal? What kind of historical scripts might emerge from our descendants based on our current-cultural artifacts? This is an interdisciplinary discussion that identifies, examines, analyzes and critiques fundamental western concepts from aesthetics, history, philosophy, religion and science as representative of a perspective from an historical or cross-cultural context. Emphasis will be placed on how the past, present, and future have the potential to inform one another and are framed by perspective.

0106 HUMI-018-.01 HUMI 18: History as Mystery: Western Perspectives in Global Contexts (CLAS) 10:00 AM-12:25 PM TWTh WHITE, WENDY L28

***** Intercultural Studies

<table>
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<th>CRN</th>
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<th>Title</th>
<th>Time</th>
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</table>

ICS 3A: World History
Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Materials Fee: $1.00 | Also Listed As: (Also listed as History 3A. Students may enroll in either department, but not both, for credit.) | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with late prehistoric times and covering to 750 Common Era (C.E.), focusing on the world's ancient peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world’s cultures from Africa, the Americas, Asia, Europe and Oceania.

00576 ICS -003A-01 World History (CLAS) 12:30 PM-02:55 PM TWTh KLINE, BEN G1

00577 ICS -003A-01 World History (CLAS) 06:00 PM-08:25 PM TWTh KNITTEL, GREGORY ADM119

ICS 3B: World History
Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Materials Fee: $1.00 | Also Listed As: (Also listed as History 3B. Students may enroll in either department, but not both, for credit.) | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with 750 C.E. and covering to 1750 Common Era (C.E.), focusing on the convergence of the world’s peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world’s cultures from Africa, the Americas, Asia, Europe and Oceania.

00579 ICS -003B-01 World History (CLAS) 10:00 AM-12:25 PM TWTh KLINE, BEN MCC-10

ICS 3C: World History
Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Materials Fee: $1.00 | Also Listed As: (Also listed as History 3C. Students may enroll in either department, but not both, for credit.) | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with 1750 Common Era (C.E.) and covering to the present, focusing on recent and current interactions between the world’s peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world’s cultures from Africa, the Americas, Asia, Europe and Oceania.
### ICS 4: Race, Ethnicity and Inequality

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.00  
**Also Listed As:** Also listed as Sociology 4. Students may enroll in either department, but not both, for credit.  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.  
**Course Description:** An interdisciplinary examination of major concepts and controversies in study of racial and ethnic difference in the United States. Exploration of race and ethnicity as historical and contemporary categories of identification in the context of social inequality. Social movements and policy debates on racial equity will be analyzed.

<table>
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<tr>
<th>Course Notes</th>
<th>Semester</th>
<th>Days</th>
<th>Time</th>
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<td>2013</td>
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<td>01:30 PM-03:55 PM</td>
<td>CHAI, CHRISTINE</td>
<td>L73</td>
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<td>ICS 004-56</td>
<td>2015</td>
<td>T/TH</td>
<td>10:00 AM-12:25 PM</td>
<td>CHAI, CHRISTINE</td>
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### ICS 5: History of Art (Multicultural Arts in the United States)

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.00  
**Also Listed As:** Also listed as Arts 2F. Students may enroll in either department, but not both, for credit.  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.  
**Course Description:** A cross-cultural introduction to American art history which includes interdisciplinary analysis of diverse art forms generated by artists of color, including African Americans, Asian Americans, Native Americans, Latina/o/s/Chicana/o/s, and Americans of non-European heritage. Significant attention will be given to issues considered important by each ethnicity or group as well as issues related to racism, gender, and social class. Traditions, values, and cultural expressions of diverse societies and their contributions to American visual culture are explored.

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<tr>
<th>Course Notes</th>
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### ICS 7: Intercultural Communication

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.00  
**Also Listed As:** Also listed as Speech 7. Students may enroll in either department, but not both, for credit.  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.  
**Course Description:** Study of intercultural communication in domestic and global contexts. Examines how differing cultures, languages, and social patterns influence the way members of groups relate among themselves and with members of other ethnic and cultural groups. Emphasizes development of interpersonal skills for communicating effectively across cultures and encourages appreciation of diverse cultural voices.

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<tr>
<th>Course Notes</th>
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<td>GUEVARA, JORGE</td>
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</table>

### ICS 8: Women of Color in the USA

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.00  
**Also Listed As:** Also listed as Women's Studies 8. Students may enroll in either department, but not both, for credit.  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.  
**Course Description:** An interdisciplinary, multi-perspective and comparative study of the experiences of women of color in the United States. The constructs of race, ethnicity, class, gender and sexuality as they relate to social institutions and national ideologies will be explored. Examination and analysis of the historical, political, and economic influences that have informed the relationships between women of color and white women in the U.S.A. is foundational to this course.

<table>
<thead>
<tr>
<th>Course Notes</th>
<th>Semester</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>*ICS 008-61Z</td>
<td>2011</td>
<td>TBA</td>
<td>TBA</td>
<td>BROWN, TAMIKA</td>
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</table>

### ICS 9: Studying Race and Ethnicity (Theories and Methods)

**Unit(s):** 4  
**Hours:** Four hours lecture (48 hours total per quarter).  
**Materials Fee:** $3.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
### ICS 11: The Roots of the African American Experience

**Course Description:** Interdisciplinary examination of historical and contemporary race and ethnic relations in the United States. Topics include racial and ethnic identity, racial privilege and inequality, theories of race and racial ideology, and pluralism and the work of anti-racism. Application of theories, concepts, and research frameworks towards studying race and ethnicity in local contexts.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>00592</td>
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<td>PARKER, GERALDINE</td>
</tr>
</tbody>
</table>

**Unit(s):** 4  || Hours: Four hours lecture (48 hours total per quarter).  || Materials Fee: $3.00  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An interdisciplinary course utilizing the award-winning docudrama "Roots: The Saga of an American Family". An historical and aesthetic analysis of people of African descent in the United States. Emphasis on the colonial period, antebellum era, the Civil War and reconstruction period.

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>00593</td>
<td>The Roots of the African American Experience (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
<td>HUNTER, EBENEZER</td>
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</tbody>
</table>

**Course Notes (Summer):** ICS -011-61Z. Video Course. The video programs are not broadcast, but are available for checkout. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### ICS 20: Asian American Experiences in History

**Course Description:** Experiences of Asian immigrant communities in the United States from the 19th Century to the Asian American Movement of the late 1960s.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>00595</td>
<td>Asian American Experiences in History (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
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</tr>
</tbody>
</table>

**Unit(s):** 4  || Hours: Four hours lecture (48 hours total per quarter).  || Materials Fee: $3.00  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

### ICS 22: Contemporary Issues in the Asian American Communities

**Course Description:** Experiences of contemporary Asian Americans are examined in terms of issues such as identity, community, youth, and empowerment, with an interdisciplinary approach based on Asian American Studies and the social sciences.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>10132</td>
<td>Contemporary Issues in the Asian American Communities (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TWH</td>
<td>CHANG, MICHAEL</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** ICS-022-55: This 8-unit class is a program of the Asian Pacific American Leadership Institute (APALI) to help students explore identity, history, community, and civic involvement. Class meets June 27 to August 6, Tuesdays to Thursdays, 10:00am-5:25pm. APALI Program fee of $140 is waived for continuing De Anza students. All students must complete pre-registration for the APALI Youth Leadership Academy by visiting WWW.SVAPALI.ORG Continuing De Anza students enroll in both ICS 004.55 and ICS 022. 55. Other students should enroll in both ICS 004.55 and ICS 022.56.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Type</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>10134</td>
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<td>01:30 PM-03:55 PM</td>
<td>TWH</td>
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</tr>
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**Course Notes (Summer):** ICS-022-56: This 8-unit class is a program of the Asian Pacific American Leadership Institute (APALI) to help students explore identity, history, community, and civic involvement. Class meets June 27 to August 6, Tuesdays to Thursdays, 10:00am-5:25pm. APALI Program fee of $140 is waived for continuing De Anza students. All students must complete pre-registration for the APALI Youth Leadership Academy by visiting WWW.SVAPALI.ORG Continuing De Anza students enroll in both ICS 004.55 and ICS 022. 55. Other students should enroll in both ICS 004.55 and ICS 022.56.

### ICS 29: Cultural Pluralism and American Law and Justice

**Course Description:** An interdisciplinary study of marginalized peoples and their relationship to the law. Examines the legal perspective on cultural diversity in the United States, including race, ethnicity, gender, class, religious background, disability, and sexual orientation. Analyzes how these groups interact with mainstream society through American law, concentrating on both historical and contemporary legal and federal legislation and court rulings. Analyzes how the courts play a role in determining the status of minority groups.

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<tr>
<th>Code</th>
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<th>Time</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>10516</td>
<td>Cultural Pluralism and American Law and Justice (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>T</td>
<td>KENSOLER, MEGHAN</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** ICS -029-61Y: Hybrid. Some online instruction. Access to the internet required. Class meets physically on Tuesdays in MCC-10 and on Thursdays online. Instructor will be available online Thursdays from 6-9:50pm.

### ICS 772: Special Projects in Intercultural Studies

**Course Description:** Specific reading, writing or study projects within the discipline of Intercultural Studies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10151</td>
<td>Special Projects in Intercultural Studies (LAB)</td>
<td>TBA</td>
<td>TBA</td>
<td>CHANG, MICHAEL</td>
</tr>
</tbody>
</table>

**Requisites:** Prerequisite: Consent of instructor and division dean.

### ICS 782: Issues in Intercultural Studies

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
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<td>10151</td>
<td>Special Projects in Intercultural Studies (LAB)</td>
<td>TBA</td>
<td>TBA</td>
<td>CHANG, MICHAEL</td>
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</table>

**Course Description:** Specific reading, writing or study projects within the discipline of Intercultural Studies.

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Specific reading, writing or study projects within the discipline of Intercultural Studies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10151</td>
<td>Special Projects in Intercultural Studies (LAB)</td>
<td>TBA</td>
<td>TBA</td>
<td>CHANG, MICHAEL</td>
</tr>
</tbody>
</table>

**Requisites:** Prerequisite: Consent of instructor and division dean.

**Course Description:** Specific reading, writing or study projects within the discipline of Intercultural Studies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10151</td>
<td>Special Projects in Intercultural Studies (LAB)</td>
<td>TBA</td>
<td>TBA</td>
<td>CHANG, MICHAEL</td>
</tr>
</tbody>
</table>
Course Description: Special group projects that incorporate the theory and practice of issues within the field of Intercultural Studies.

ICS 96: Introduction to Lesbian, Gay, Bisexual and Transgender Studies
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $3.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An interdisciplinary, multi-perspective, critical analysis and comparative study of the broad range of contemporary lesbian, gay, bisexual and transgender issues in various contexts including biomedical, sociological, political, cultural, economic, racial and sexual. This course will explore the relationship between LGBT individuals and the social and political constructs of gender, sexuality, citizenship, and identity as they relate to social and political institutions and national ideologies. The values, experience, and cultural contributions of LGBT individuals in the United States will be identified, examined, and authenticated.

***** International Studies

CRN Course Title Time Dates/Days Instructor Location
00605 INTL-010-61 History of Art (Arts of Asia) (CLAS) 06:00 PM-09:50 PM MW LEE, SO KAM MCC-10

INTL 11: Vietnamese Literature (from Tradition to Asian American Identity)
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $3.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An introduction to the humanities through a global perspective on Vietnamese and Vietnamese American literature. Exploration of oral tradition, folk literature, traditional elite literature, modern prose, exile writings by the first immigrant generation to the Vietnamese American expressions focusing on several major themes in literature: war and representations of Southeast Asians, migration experience, impacts of migration. Students develop a historical and aesthetic understanding of Vietnamese and Vietnamese American creative expressions, with emphasis on native development and international influences.

00606 INTL-011-01 Vietnamese Literature (from Tradition to Asian American Identity) (CLAS) 03:00 PM-05:25 PM TTh NGUYEN-TRUNG, CHI MCC-17

***** Japanese

CRN Course Title Time Dates/Days Instructor Location
00607 JAPN-001-01 Elementary Japanese (First Quarter) (CLAS) 03:00 PM-05:15 PM MTWTh SCEARCE, TAZUMI MQ-2

***** Journalism

CRN Course Title Time Dates/Days Instructor Location
JOUR 2: Mass Communication and Its Impact On Society
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Materials Fee: $3.00 || General Education Status: GE || Program Status: Program
Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** A survey of the mass media and measurement of its impact on culture and society. Mass media effects on global and American institutions. Theories of mass communications in the context of each medium: books, newspapers, magazines, movies, radio, recordings, television and the Internet. Ethical and legal implications of media and their effects on the individual and society. Influences of the media on gender, ethnic and minority issues.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<td>Mass Communication and Its Impact On Society (CLAS)</td>
<td>TBA</td>
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<td>GROBMAN, BETH</td>
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**Course Notes (Summer):** JOUR-002-.61Z Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distancel earning/.

**JOUR 77W: Special Projects in Journalism**

Unit(s): 1 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Journalism 77W, 77X, 77Y and 77Z may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.) || Formerly: (Formerly Journalism 70W, 70X, 70Y and 70Z respectively.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** Prerequisite: Consent of instructor and division dean.

**Course Description:** Special research, writing or study projects in Journalism as determined in consultation with the department chair. (Complexity of project determines number of units assigned.)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<td>Special Projects in Journalism (LAB)</td>
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***** Korean

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<tr>
<td>10855</td>
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<td>Elementary Korean (First Quarter) (CLAS)</td>
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<td>CHOI, HWAJA</td>
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***** Language Arts

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<tr>
<td>10223</td>
<td>LART-211-.01D</td>
<td>Integrated Reading and Writing (CLAS)</td>
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***** Mathematics

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<tr>
<td>00654</td>
<td>MATH-001A-.01</td>
<td>Calculus (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>MTWTh</td>
<td>KLEIN, CHARLES</td>
<td>S16</td>
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</table>

**Course Notes (Summer):** MATH-001A-.01: TI-83 Plus/TI-84 Plus calculator recommended.
### MATH 1B: Calculus

**Units:** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 1A and either Mathematics 49B or 43 (with a grade of C or better); or appropriate score on Calculus Placement Test within the past calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Fundamentals of integral calculus.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title (CLAS)</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Fee</th>
<th>CRN</th>
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</thead>
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<tr>
<td>00659</td>
<td>MATH-001B-03</td>
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<td>MAILHOT, JAMES</td>
<td>$2.00</td>
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<tr>
<td>00660</td>
<td>MATH-001B-05</td>
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<td>MAILHOT, JAMES</td>
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<td>00661</td>
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<td>10208</td>
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### MATH 1C: Calculus

**Units:** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 1B (with a grade of C or better) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Infinite series, lines and surfaces in three dimensions, vectors in two and three dimensions, parametric equations of curves. Derivatives and integrals of vector functions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title (CLAS)</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Fee</th>
<th>CRN</th>
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<td>00683</td>
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<td>10148</td>
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<td>00684</td>
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</table>

### MATH 1D: Calculus

**Units:** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 1C (with a grade of C or better) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Partial derivatives, multiple integrals, vector calculus.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title (CLAS)</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Fee</th>
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<tr>
<td>00665</td>
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<td>WHEELER, DANIEL</td>
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### MATH 2A: Differential Equations

**Units:** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 1D with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Ordinary differential equations and selected applications.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title (CLAS)</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Fee</th>
<th>CRN</th>
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<tbody>
<tr>
<td>00667</td>
<td>MATH-002A-03</td>
<td>07:30 AM-09:45 AM</td>
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<td>$2.00</td>
<td>E36</td>
</tr>
</tbody>
</table>

### MATH 2B: Linear Algebra

**Units:** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 1D with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Linear algebra and selected topics of mathematical analysis.

MATH 10: Elementary Statistics and Probability
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $2.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 114 or equivalent with a grade of C or better; or a qualifying score on the Intermediate Algebra Placement Test within the past calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to data analysis making use of graphical and numerical techniques to study patterns and departures from patterns. The student studies randomness with an emphasis on understanding variation, collects information in the face of uncertainty, checks distributional assumptions, tests hypotheses, uses probability as a tool for anticipating what the distribution of data may look like under a set of assumptions, and uses appropriate statistical models to draw conclusions from data. Introduces the student to applications in engineering, business, economics, medicine, education, the sciences, and those pertaining to issues of contemporary interest. The use of technology (computers or graphing calculators) will be required in certain applications. Where appropriate, the contributions to the development of statistics by men and women from diverse cultures will be introduced.

MATH 11: Finite Mathematics
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $2.00 || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Qualifying score on the Math Placement Test within the past calendar year; or Mathematics 114 or equivalent with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Application of linear equations, sets, matrices, linear programming, mathematics of finance and probability to real-life problems. Emphasis on the understanding of the modeling process, and how mathematics is used in real-world applications.
### MATH 22: Discrete Mathematics

**Unit(s):** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 49B or 43 with a grade of C or better, or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Elements of discrete mathematics with applications to computer science. Topics include methods of proof, mathematical induction, logic, sets, relations, graphs, combinatorics, and Boolean algebra.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>00685</td>
<td>MATH 022-03 Discrete Mathematics (CLAS)</td>
<td>MTWTh</td>
<td>03:00 PM-05:15 PM</td>
<td>TAYLOR, RODERIC</td>
<td>E36</td>
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</table>

### MATH 41: Precalculus I: Theory of Functions

**Unit(s):** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 114 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Polynomial, rational, exponential and logarithmic functions, graphs, solving equations.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Instructor</th>
</tr>
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<tr>
<td>10136</td>
<td>MATH 041-01 Precalculus I: Theory of Functions (CLAS)</td>
<td>MTWTh</td>
<td>07:30 AM-09:45 AM</td>
<td>AUYOUNG, YATMAN</td>
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<td>10137</td>
<td>MATH 041-03 Precalculus I: Theory of Functions (CLAS)</td>
<td>MTWTh</td>
<td>10:00 AM-12:15 PM</td>
<td>KHSORAVI, MEHRDAD</td>
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<td>10138</td>
<td>MATH 041-05 Precalculus I: Theory of Functions (CLAS)</td>
<td>MTWTh</td>
<td>12:30 PM-02:45 PM</td>
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<tr>
<td>10149</td>
<td>MATH 041-07 Precalculus I: Theory of Functions (CLAS)</td>
<td>MTWTh</td>
<td>03:00 PM-05:15 PM</td>
<td>SHAH, HEMENDRA</td>
<td>E32</td>
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<tr>
<td>10547</td>
<td>MATH 041-08 Precalculus I: Theory of Functions (CLAS)</td>
<td>MTWTh</td>
<td>03:00 PM-05:15 PM</td>
<td>WHEELER, DANIEL</td>
<td>G7</td>
</tr>
</tbody>
</table>

### MATH 42: Precalculus II: Trigonometric Functions

**Unit(s):** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**Formerly:** (Formerly Mathematics 52.)  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 41 (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** The theory of trigonometric functions and their applications.

<table>
<thead>
<tr>
<th>Course Code</th>
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<td>10598</td>
<td>MATH 042-01 Precalculus II: Trigonometric Functions (CLAS)</td>
<td>MTWTh</td>
<td>07:30 AM-09:45 AM</td>
<td>NGUYEN, THIEN</td>
<td>S46</td>
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<tr>
<td>10599</td>
<td>MATH 042-03 Precalculus II: Trigonometric Functions (CLAS)</td>
<td>MTWTh</td>
<td>10:00 AM-12:15 PM</td>
<td>BAMBHANIA, DOLI</td>
<td>S54</td>
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<tr>
<td>10601</td>
<td>MATH 042-05 Precalculus II: Trigonometric Functions (CLAS)</td>
<td>MTWTh</td>
<td>12:30 PM-02:45 PM</td>
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<tr>
<td>10602</td>
<td>MATH 042-06 Precalculus II: Trigonometric Functions (CLAS)</td>
<td>MTWTh</td>
<td>05:00 PM-07:45 PM</td>
<td>PETERSON, SCOTT</td>
<td>E31</td>
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</table>

### MATH 43: Precalculus III: Advanced Topics

**Unit(s):** 5  
**Hours:** Five hours lecture (60 hours total per quarter).  
**Materials Fee:** $2.00  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 41 and 42 (both with a grade of C or better); or a satisfactory score on Calculus Readiness test within the last calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Conic sections, parametric equations, systems of equations and inequalities, vectors, lines and planes, sequences and series, polar coordinates, mathematical induction, and the binomial theorem.

<table>
<thead>
<tr>
<th>Course Code</th>
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<td>MATH 043-03 Precalculus III: Advanced Topics (CLAS)</td>
<td>MTWTh</td>
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<td>NJINISH, EDWIN</td>
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<td>10140</td>
<td>MATH 043-07 Precalculus III: Advanced Topics (CLAS)</td>
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<td>03:00 PM-05:15 PM</td>
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<td>MATH 043-06 Precalculus III: Advanced Topics (CLAS)</td>
<td>MTWTh</td>
<td>05:30 PM-07:45 PM</td>
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</table>

### MATH 77: Special Projects in Mathematics

**Unit(s):** 1  
**Hours:** Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  
**Repeatability:** (Any combination of Mathematics 77, 77X and 77Y may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.)  
**General Education
MATH 114: College Math Preparation Level 3: Intermediate Algebra

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter); or four hours lecture and two hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $2.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 with a grade of C or better, or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
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<th>Location</th>
<th>Credits</th>
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<td>MATH 114-01</td>
<td>College Math Preparation Level 3: Intermediate Algebra (CLAS)</td>
<td>07:30 AM-08:45 AM</td>
<td>MTWTh</td>
<td>VISWANADHA, YOGESWARI</td>
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<td>College Math Preparation Level 3: Intermediate Algebra (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
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<td>MATH 114-62</td>
<td>College Math Preparation Level 3: Intermediate Algebra (CLAS)</td>
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<td>DESEILLES, LENORE</td>
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<td>MATH 114-63</td>
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<td>09:25 PM-10:25 PM</td>
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<td>SALES, PARVIZ</td>
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MATH 210: College Math Preparation Level 1: Pre-Algebra

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter); or four hours lecture and two hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $2.00 || Formerly: (Formerly Mathematics 110.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Use of basic arithmetic in application problems, estimation, the real number system, variables and linear equations, graphs of linear equations and the Cartesian coordinate system, the concept of function.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
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<td>College Math Preparation Level 1: Pre-Algebra (CLAS)</td>
<td>07:30 AM-08:45 AM</td>
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<td>MATH 210-05</td>
<td>College Math Preparation Level 1: Pre-Algebra (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>MTWTh</td>
<td>GHIRI, ABDUL</td>
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<td>MATH 210-61</td>
<td>College Math Preparation Level 1: Pre-Algebra (CLAS)</td>
<td>05:30 PM-07:45 PM</td>
<td>MTWTh</td>
<td>RUDOLF, HOWARD</td>
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<td>G5</td>
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</tbody>
</table>

MATH 212: College Math Preparation Level 2: Beginning Algebra

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter); or four hours lecture and two hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $2.00 || Formerly: (Formerly Mathematics 112.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 210 with a grade of C or better, or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 212-01</td>
<td>College Math Preparation Level 2: Beginning Algebra (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
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<td>MATH 212-03</td>
<td>College Math Preparation Level 2: Beginning Algebra (CLAS)</td>
<td>10:00 AM-11:15 AM</td>
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<td>ISON, MILLIA</td>
<td></td>
<td>E32</td>
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<td>MATH 212-05</td>
<td>College Math Preparation Level 2: Beginning Algebra (CLAS)</td>
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<td>MATH 212-02</td>
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<td>05:00 PM-06:15 PM</td>
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<td>MATH 212-06</td>
<td>College Math Preparation Level 2: Beginning Algebra (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>MTWTh</td>
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<td></td>
<td>G5</td>
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</table>
### Manufacturing and CNC Technologies

**MCN 56: Special Projects in Manufacturing and CNC**

Unit(s): 1  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Repeatability: (Any combination of Manufacturing and CNC 56, 56X and 56Y may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in a selected area of Manufacturing and CNC Technology. Project type and design will be determined through consultation with the instructor.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>00715</td>
<td>MCN 056.66R</td>
<td>Special Projects in Manufacturing and CNC (CLAS)</td>
<td>TBA</td>
<td>Starts: 07/02/2012 to 08/25/2012</td>
<td>APPIO, MICHAEL</td>
<td>E21</td>
</tr>
</tbody>
</table>

**MCN 56X: Special Projects in Manufacturing and CNC**

Unit(s): 2  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Repeatability: (Any combination of Manufacturing and CNC 56, 56X and 56Y may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in a selected area of Manufacturing and CNC Technology. Project type and design will be determined through consultation with the instructor.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
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<th>Time</th>
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<tbody>
<tr>
<td>00716</td>
<td>MCN 056X.66R</td>
<td>Special Projects in Manufacturing and CNC (LAB)</td>
<td>TBA</td>
<td>Starts: 07/02/2012 to 08/25/2012</td>
<td>APPIO, MICHAEL</td>
<td>TBA</td>
</tr>
</tbody>
</table>

**MCN 71: Introduction to Machining and CNC Processes**

Unit(s): 4  ||  Hours: Nine hours lecture-laboratory (108 hours total per quarter).  ||  Materials Fee: $10.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.


<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tr>
<td>00719</td>
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<td>Introduction to Machining and CNC Processes (CLAS)</td>
<td>06:00 PM-06:50 PM</td>
<td>Starts: 07/02/2012 to 08/25/2012</td>
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<td>00719</td>
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<td>Introduction to Machining and CNC Processes (CLAS)</td>
<td>07:00 PM-10:15 PM</td>
<td>Starts: 07/02/2012 to 08/25/2012</td>
<td>APPIO, MICHAEL</td>
<td>E21</td>
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</tbody>
</table>

**MCN 76C: CAD/CAM Based Computer Numerical Control Programming Using Mastercam**

Unit(s): 4  ||  Hours: Nine hours lecture-laboratory (108 hours total per quarter).  ||  Materials Fee: $10.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (Students may receive credit for only one Manufacturing and CNC 76 course with an A through E designation.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent; basic understanding of mill and lathe operations.

Course Description: Introduction to Mastercam three axis mill programming. Create part geometry, define tools and tool paths, using post-processors to produce word-address format programs.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>10529</td>
<td>MCN-076C.61Z</td>
<td>CAD/CAM Based Computer Numerical Control Programming Using Mastercam (CLAS)</td>
<td>TBA</td>
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<td>E24</td>
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<tr>
<td>10529</td>
<td>MCN-076C.61Z</td>
<td>CAD/CAM Based Computer Numerical Control Programming Using Mastercam (LAB)</td>
<td>TBA</td>
<td>TBA</td>
<td>GOODWIN, DEREK</td>
<td>E24</td>
</tr>
</tbody>
</table>

**MCN 76H: CAD/CAM Based Computer Numerical Control Programming Using Mastercam**

Unit(s): 4  ||  Hours: Nine hours lecture-laboratory (108 hours total per quarter).  ||  Materials Fee: $5.00  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (Students may receive credit for only one Manufacturing and CNC 76 course with an F through K designation.) Prerequisite: Manufacturing and CNC 76C.
**Course Description:** Programming procedures using wireframe, splines, and surface modeling. Rough, finish, and high speed machining. Editing, post-processing, verifying programs.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<tr>
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<td>* MCN-076H-61Z CAD/CAM Based Computer Numerical Control Programming Using Mastercam (LAB)</td>
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</tbody>
</table>

**Course Notes (Summer):** MCN-076H-61Z. This is an online course using the DeAnza College Catalyst system. Students will be provided with a student version of Mastercam. The coursework consists of Instructional videos that are to be viewed online. The instructor is available via email and chat to help with questions. Students are expected to complete 10 programming assignments in Mastercam that will be turned in for grading.

**MCN 76M: CAD/CAM Based Computer Numerical Control Programming Using Mastercam**

**Unit(s):** 4/1/2  | Hours: Nine hours lecture-laboratory (108 hours total per quarter).  | Materials Fee: $5.00  | General Education Status: Non-GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (Students may receive credit for only one Manufacturing and CNC 76 course with an L through Q designation.) Prerequisite: Manufacturing and CNC 76C.

**Course Description:** Advanced Mastercam; complex surfacing for milling machines and contouring surfaces for lathes. Tooling, workflow and programming for horizontal machining centers.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10531</td>
<td>* MCN-076M-61Z CAD/CAM Based Computer Numerical Control Programming Using Mastercam (CLAS)</td>
<td>TBA  TBA GOODWIN, DEREK</td>
<td>E24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10531</td>
<td>* MCN-076M-61Z CAD/CAM Based Computer Numerical Control Programming Using Mastercam (LAB)</td>
<td>TBA  TBA GOODWIN, DEREK</td>
<td>E24</td>
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</tr>
</tbody>
</table>

***** Meteorology*****

**CRN  Course  Title  Time  Dates/Days  Instructor  Location**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>01058</td>
<td><strong>MET 010: Weather Processes</strong></td>
<td>Weather Processes (CLAS)</td>
<td>10:30 AM-02:20 PM</td>
<td>MW</td>
<td>JAMES, BRIDGET</td>
<td>SC3103</td>
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</tbody>
</table>

**Course Notes (Summer):** MCN-076M-61Z. This is an online course using the DeAnza College Catalyst system. Students will be provided with a student version of Mastercam. The coursework consists of Instructional videos that are to be viewed online. The instructor is available via email and chat to help with questions. Students are expected to complete 10 programming assignments in Mastercam that will be turned in for grading. Topics covered: Rotary Axis Indexing on the Vertical Machine, Rotary Axis Indexing on the Horizontal Machine, 5 Axis Indexing, 5 Axis Multi-axis, Fixture Design, CNC Lathe and Live Tooling. For information contact Derek Goodwin at goodwinederek@fhsu.edu

**MET 10L: Meteorology Laboratory**

**Unit(s):** 1  | Hours: Three hours laboratory (36 hours total per quarter).  | Materials Fee: $2.00  | Formerly: (Formerly Meteorology 50L)  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 210 or equivalent; Meteorology 10 (may be taken concurrently). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Introductory weather lab in which students work with observational data, graphics products, charts and instruments used by synoptic meteorologists to forecast weather. Lab sessions will include current weather products downloaded from the American Meteorological Society's "Online Weather Studies" homepage which has been specifically design for this course and from De Anza College's automated rooftop weather station. Students will practice the analysis and decision-making skills employed by meteorologists to diagnose air patterns, understand air motions and predict future atmospheric conditions.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01059</td>
<td><strong>MET 010L-01</strong></td>
<td>Meteorology Laboratory (LAB)</td>
<td>02:30 PM-05:20 PM</td>
<td>MW</td>
<td>JAMES, BRIDGET</td>
<td>S42</td>
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</tbody>
</table>

***** Music*****

**CRN  Course  Title  Time  Dates/Days  Instructor  Location**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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</tr>
</thead>
<tbody>
<tr>
<td>00720</td>
<td><strong>MUSI 001A-01</strong></td>
<td>Introduction to Music: Music in Western Cultures (CLAS)</td>
<td>08:30 AM-12:20 PM</td>
<td>MW</td>
<td>THOMSEN, JOHN</td>
<td>A11</td>
</tr>
<tr>
<td>00721</td>
<td>* MUSI-001A-61Z</td>
<td>Introduction to Music: Music in Western Cultures (CLAS)</td>
<td>TBA  TBA TAYERLE, LOREN</td>
<td>ONLINE</td>
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</tr>
</tbody>
</table>

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Introduction to the discipline of music; methods of understanding music available in modern culture; listening techniques; use of fundamental concepts including form, style, musical media, and textures; acquaintance with and comparison of musical examples from various eras and cultures; roles of music in society.
MUSI 12A: Class Piano I
Unit(s): 1 1/2  Hours: Three hours lecture-laboratory (36 hours total per quarter).  Repeatability: (Any combination of Music 12A, 12B, 12C and 18 may be taken up to six times for credit for the family of courses as long as the topics/projects are different each time.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade
Requisites: Advisory: Music 10A.
Course Description: Beginning piano for students with no previous instruction, those who need knowledge of piano for a teaching credential, music majors, and the general student.

00723 MUSI-012A-01 Class Piano I (CLAS)  09:00 AM-11:50 AM  MW  HICKS, GAIL  A29
00725 MUSI-012A-02 Class Piano I (CLAS)  12:30 PM-03:20 PM  TTh  THOMSEN, JOHN  A29

MUSI 12B: Class Piano II
Unit(s): 1 1/2  Hours: Three hours lecture-laboratory (36 hours total per quarter).  Repeatability: (Any combination of Music 12A, 12B, 12C and 18 may be taken up to six times for credit for the family of courses as long as the topics/projects are different each time.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade
Requisites: Prerequisite: Music 12A or consent of instructor.
Course Description: Basic piano for beginning students who read treble and bass clef, and understand music notation.

00726 MUSI-012B-01 Class Piano II (CLAS)  09:00 AM-11:50 AM  MW  HICKS, GAIL  A29
00728 MUSI-012B-02 Class Piano II (CLAS)  12:30 PM-03:20 PM  TTh  THOMSEN, JOHN  A29

MUSI 13A: Beginning Singing I
Unit(s): 1 1/2  Hours: Three hours lecture-laboratory (36 hours total per quarter).  Materials Fee: $3.00  Repeatability: (Any combination of Music 13A and 13B may be taken up to six times for credit.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade
Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; an understanding of basic music notation and some possession of basic piano skills, or concurrent enrollment in Music 10A or 12A.
Course Description: Class instruction for beginners in techniques of solo and group singing. Training in controlling tonal production, breathing, diction, and musical accuracy.

00729 MUSI-013A-01 Beginning Singing I (CLAS)  12:30 PM-03:20 PM  MW  HAWKINS, MICHELLE  A31
Course Notes (Summar): MUSI-013A-01: In addition to vocal training, this course will also offer students an opportunity to explore basic choral literature.

MUSI 13B: Beginning Singing II
Unit(s): 1 1/2  Hours: Three hours lecture-laboratory (36 hours total per quarter).  Materials Fee: $3.00  Repeatability: (Any combination of Music 13A and 13B may be taken up to six times for credit for the family of courses.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade
Requisites: Prerequisite: Music 13A or equivalent. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; an understanding of basic music notation and some possession of basic piano skills, or concurrent enrollment in Music 10A or 12A.
Course Description: Continuation of Music 13A with emphasis on musicianship, memorization, legato singing, correction of individual problems, and the rudiments of performance. Training in controlling tonal production, breathing, diction, and musical accuracy.

00730 MUSI-013B-01 Beginning Singing II (CLAS)  12:30 PM-03:20 PM  MW  HAWKINS, MICHELLE  A31
Course Notes (Summar): MUSI-013B-01: In addition to vocal training, this course will also offer students an opportunity to explore basic choral literature.

MUSI 14A: Classical Guitar I
Unit(s): 1 1/2  Hours: Three hours lecture-laboratory (36 hours total per quarter).  Materials Fee: $1.00  Repeatability: (Any combination of Music 14A, 14B and 14C may be taken up to six times for credit for the family of courses.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade
Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
Course Description: Beginning instruction for playing the classical, nylon-stringed guitar, assuming no prior musical experience. Introduces basic note reading on the first four frets of the instrument, left and right hand techniques, including free strokes, rest strokes, arpeggio technique, left-hand development of strength and independence. Chords, chord progression and basic strumming techniques will also be introduced.

10084 MUSI-014A-01 Classical Guitar I (CLAS)  10:00 AM-11:50 AM  MTW  ZUSSMAN, BENETT  A31

MUSI 14B: Classical Guitar II
Unit(s): 1 1/2  Hours: Three hours lecture-laboratory (36 hours total per quarter).  Materials Fee: $1.00  Repeatability: (Any combination of Music 14A, 14B and 14C may be taken up to six times for credit for the family of courses.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade
Requisites: Prerequisite: Music 14A or equivalent level; admission by instructor approval.
Course Description: Refinement and expansion of classical guitar techniques learned in Classical Guitar I. Topics include expanded arpeggio techniques, free stroke and rest stroke development, slur technique, complex rhythms, multiple-voice music reading, and repertoire development. Music fundamentals such as major and minor scales and chord construction will also be covered.

10085 MUSI-014B-01 Classical Guitar II (CLAS)  10:00 AM-11:50 AM  MTW  ZUSSMAN, BENETT  A31
**MUSI 14C: Classical Guitar III**

Unit(s): 1 1/2  | Hours: Three hours lecture-laboratory (36 hours total per quarter).  | Materials Fee: $1.00  | Repeatability: (Any combination of Music 14A, 14B and 14C may be taken up to six times for credit for the family of courses.)  | General Education Status: Non-GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

Requisites: Prerequisite: Music 14B or equivalent level; admission by instructor approval.

**Course Description:** Continuation and expansion of skills learned in Classical Guitar II. Development of sight-reading skills, complex rhythms and multiple-voice music in positions two through five through exercises and standard guitar repertoire. Emphasis on proper technique, interpretation, dynamics and tone color.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10086</td>
<td>MUSI-014C-01</td>
<td>Classical Guitar III (CLAS)</td>
<td>10:00 AM-11:50 AM</td>
<td>MTW</td>
<td>ZUSSMAN, BENNETT</td>
<td>A31</td>
</tr>
</tbody>
</table>

**MUSI 48: Jazz Improvisation**

Unit(s): 1 1/2  | Hours: Three hours lecture-laboratory (36 hours total per quarter).  | Repeatability: (May be taken six times for credit as long as the music performed is different each time.)  | General Education Status: Non-GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

Requisites: Prerequisite: Ability to play an instrument and read music. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Development of improvisational skill in the jazz idiom. Analysis of scales, chords, and forms as applicable to improvisational performance of standard jazz vehicles. Ear training and transcribing solos included. Attendance and participation in final recital is required. Music will vary each quarter.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>10083</td>
<td>MUSI-048-61</td>
<td>Jazz Improvisation (CLAS)</td>
<td>06:00 PM-08:50 PM</td>
<td>TTh</td>
<td>RUSSELL, JOHN</td>
<td>A31</td>
</tr>
</tbody>
</table>

***** Nursing *****

**NURS 50: Career Opportunities in Nursing**

Unit(s): 2  | Hours: Two hours lecture (24 hours total per quarter).  | Materials Fee: $1.00  | General Education Status: Non-GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Careers in the health field with emphasis on education and practice. Required course for entry to De Anza's Registered Nursing Programs. Not required for LVN Transition to RN or Refresher Program for Registered Nurses.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10057</td>
<td>NURS-050-61</td>
<td>Career Opportunities in Nursing (CLAS)</td>
<td>06:30 PM-08:20 PM</td>
<td>TTh</td>
<td>ROWE, SILVINITA</td>
<td>SC1102</td>
</tr>
</tbody>
</table>

***** Nutrition *****

**NUTR 10: Contemporary Nutrition**

Unit(s): 4  | Hours: Four hours lecture (48 hours total per quarter).  | Materials Fee: $2.00  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Introductory level nutrition. Relationship of nutrients to health and physical fitness. Physiological, cultural, psychological and economic influences on food choices. Evaluation of current nutritional issues and controversies.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>00734</td>
<td>NUTR-010-01</td>
<td>Contemporary Nutrition (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>MTW</td>
<td>ACKER, GEORGIA</td>
<td>S81</td>
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<tr>
<td>00735</td>
<td>NUTR-010-02</td>
<td>Contemporary Nutrition (CLAS)</td>
<td>03:00 PM-04:50 PM</td>
<td>MTW, Th</td>
<td>CHAVES, SALLY</td>
<td>S57</td>
</tr>
<tr>
<td>10069</td>
<td>NUTR-010-61</td>
<td>Contemporary Nutrition (CLAS)</td>
<td>03:30 PM-05:55 PM</td>
<td>MTW</td>
<td>ACKER, GEORGIA</td>
<td>S81</td>
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<tr>
<td>00736</td>
<td>*NUTR-010-61Z</td>
<td>Contemporary Nutrition (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
<td>LIECHTY, BARBARA</td>
<td>ONLINE</td>
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***** Physical Education *****

**Important Department Information:** All students who have successfully completed PE 70A and PE 71 please go to the Wellness Center (PE610) the first week of school if you are interested in using the facility.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
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<th>Dates/Days</th>
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<th>Location</th>
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<tbody>
<tr>
<td></td>
<td>P E 1H: Team Sport - Basketball</td>
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</tbody>
</table>
**Course Description:** An introduction to, the discipline of Physical Education through team sport basketball. Activities include individual and team strategies and techniques required for competitive games. A brief historical examination of significant national and international contributions to the development of styles of play will be presented. The impact of culture and gender on amateur and professional levels of competition will also be analyzed. Skills emphasized will enable students to participate in formal and informal basketball activities. Students will recognize basketball needs associated with physiology, nutrition, flexibility, and strength concepts in order to improve level of skill. Instructors will motivate and encourage students to practice and adapt skills to physical ability, age, strength, and gender. Major emphasis on tournament format participation.

01096  P E -001I-H-01 Team Sport - Basketball (LAB)  08:00 PM-09:50 PM  MW  ZARECKY, GARY  PE21E

Course Notes (Summer): NUTR-010, 012. Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit(s): 0 1/2</th>
<th>Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).</th>
<th>Repeatability: (Any combination of Physical Education 2A, 2AX, 2B and 2BX may be taken up to six times for credit for the family of courses.)</th>
<th>General Education Status: GE</th>
<th>Program Status: Program Applicable</th>
<th>Credit Status: Credit - Degree applicable</th>
<th>Grading Method: Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>P E 2A: Beginning Karate</td>
<td>06:30 PM-07:20 PM</td>
<td>MW</td>
<td>RABBIT, PETER</td>
<td>PE14</td>
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<table>
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<tr>
<th>Course</th>
<th>Unit(s): 0 1/2</th>
<th>Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).</th>
<th>Repeatability: (Any combination of Physical Education 2A, 2AX, 2B and 2BX may be taken up to six times for credit for the family of courses.)</th>
<th>General Education Status: GE</th>
<th>Program Status: Program Applicable</th>
<th>Credit Status: Credit - Degree applicable</th>
<th>Grading Method: Letter Grade</th>
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<tbody>
<tr>
<td>P E 2B: Intermediate Karate</td>
<td>06:30 PM-07:20 PM</td>
<td>MW</td>
<td>RABBIT, PETER</td>
<td>PE14</td>
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<tr>
<th>Course</th>
<th>Unit(s): 0 1/2</th>
<th>Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).</th>
<th>Repeatability: (Any combination of Physical Education 2P and 2PX may be taken up to six times for credit.)</th>
<th>General Education Status: GE</th>
<th>Program Status: Program Applicable</th>
<th>Credit Status: Credit - Degree applicable</th>
<th>Grading Method: Letter Grade</th>
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<tbody>
<tr>
<td>P E 2P: Pilates Mat Exercise</td>
<td>11:30 AM-12:20 PM</td>
<td>MTWth</td>
<td>GHIASVAND, FARZANEH</td>
<td>PE15</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>12:30 PM-02:10 PM</td>
<td>TTh</td>
<td>MAIERO, MARCIA</td>
<td>PE15</td>
<td></td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Unit(s): 0 1/2</th>
<th>Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).</th>
<th>Repeatability: (Any combination of Physical Education 2Q, 2OX, 2R and 2RX may be taken up to six times for credit for the family of courses.)</th>
<th>General Education Status: GE</th>
<th>Program Status: Program Applicable</th>
<th>Credit Status: Credit - Degree applicable</th>
<th>Grading Method: Letter Grade</th>
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<tbody>
<tr>
<td>P E 2Q: Tai Chi</td>
<td>09:30 AM-11:10 AM</td>
<td>MW</td>
<td>LEE-WHEAT, COLEEN</td>
<td>PE14</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Unit(s): 0 1/2</th>
<th>Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).</th>
<th>Repeatability: (Any combination of Physical Education 2Y and 2YX may be taken up to six times for credit.)</th>
<th>General Education Status: GE</th>
<th>Program Status: Program Applicable</th>
<th>Credit Status: Credit - Degree applicable</th>
<th>Grading Method: Letter Grade</th>
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</thead>
<tbody>
<tr>
<td>P E 2Y: Yoga</td>
<td>06:00 PM-07:50 PM</td>
<td>MW</td>
<td>ZARECKY, GARY</td>
<td>PE21E</td>
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</table>

Course Notes (Summer): NUTR-010, 012. Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/
English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through the study of yoga including a historical examination and key philosophical concepts of the yoga tradition and the evolution of yoga throughout the ages. Students will practice simple yoga poses for the mind, body, mindfulness, breath awareness, and relaxation techniques will be covered.

<table>
<thead>
<tr>
<th>Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>00074</td>
<td>-002Y-02</td>
<td>12:30 PM-01:20 PM</td>
<td>MTWTh</td>
<td>SIMONS, KELLY</td>
<td>PE14</td>
</tr>
<tr>
<td>00075</td>
<td>-002Y-61</td>
<td>08:00 PM-09:40 PM</td>
<td>MW</td>
<td>SIMONS, KELLY</td>
<td>PE15</td>
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<tr>
<td>00076</td>
<td>-002Y-62</td>
<td>08:00 PM-09:40 PM</td>
<td>TTh</td>
<td>EVANS, NANCY</td>
<td>PE15</td>
</tr>
</tbody>
</table>

**P E 3: Indoor Cycling**

Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 3 and 3X may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through indoor cycling. Includes an historical examination of indoor cycling/spinning. The cycling program is an individually paced, noncompetitive, group training program designed for all riders and all fitness levels. Cycling is an exercise performed on a stationary racing bicycle and is performed to music. Training is fast paced and is open to anyone who is interested in losing body fat, improving cycling techniques, and wants to improve cardio-respiration.

<table>
<thead>
<tr>
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<th>Days</th>
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<td>MW</td>
<td>SCHAFFER-BRAUN, DEBI</td>
<td>PE14</td>
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**P E 4: Strength Development**

Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 4 and 4X may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through strength training. Includes etiquette, safety and techniques of strength development, with a brief historical examination of how strength training has changed due to the influence of individuals, and their style of lifting. The development of skill and adaptations based on the physical ability, age and gender of the individual student will be encouraged. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition.

<table>
<thead>
<tr>
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**P E 6D: Body Sculpting**

Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 6D and 6DX may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education. It includes an historical examination of core strengthening. Body sculpt conditioning is an integrated approach that focuses on developing the muscles of the entire body. Through body sculpting the student will achieve ultimate fitness by focusing on a program of strength, balance, agility and flexibility. Concentration will be on muscles of the entire body. Resistance training, medicine balls, stability balls, and the body bar will be used in conjunction with proper breathing, posture, and muscle awareness.

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<thead>
<tr>
<th>Code</th>
<th>Section</th>
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<th>Days</th>
<th>Instructor</th>
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**P E 6G: Aerobic Swimming**

Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 6G and 6GX may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 26C, 26CX, or permission of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through aerobic swimming. Cardiovascular conditioning for the swimmer who is proficient at the intermediate level. Includes global and historical development of swimming as a fitness activity. Students will review training methods, measurements, safety, individual program design, exercise physiology, nutrition appropriate to swimming, intermediate strokes and turns.

<table>
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<tr>
<th>Code</th>
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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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**Course Notes (Summer):** P E -006G-01: The first day of class meet on the bleachers in front of PE 14.

**Course Notes (Summer):** P E -006G-02: The first day of class meet on the bleachers in front of PE 14.
P E 6K: Cardio Kick
Unit(s): 0.1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 6K and 6KX may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the activity of cardio kick. Dynamic kickboxing techniques are used to provide a level of conditioning for both the aerobic and anaerobic systems. The freestyle interval format combines boxing and kicking drills specific to martial arts and kickboxing integrating the element of mind/body, readiness, visualization, and reaction. Students will participate in a safe, modifiable, program to improve overall fitness, agility, balance, strength, and endurance. An historical examination of cardio kick for fitness and its roots in the sports of kickboxing, boxing, and martial arts will be included.

P E 6S: Step Aerobics
Unit(s): 0.1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 6Q, 6QX, 6R, 6RX, 6S and 6SX may be taken up to six times for credit for the family of courses.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Aerobics will be included in the course. An introduction to the discipline of Physical Education through cardiovascular/aerobic exercise utilizing a step system to promote cardiorespiratory endurance through a variety of movements. Students will learn fundamental patterns and routines with popular music accompaniment. Global and historical review of the evolution of aerobic exercise, exercise trends for men, women and athletes will be discussed. Students will review and apply basic exercise physiology, nutrition and wellness concepts related to cardiovascular exercise, strength development and flexibility relative to age, gender, or physical limitations.

P E 6U: Fit Camp
Unit(s): 0.1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter); four and one-half hours for the one and one-half unit course (54 hours total per quarter). || Repeatability: (Any combination Physical Education 6U, 6UX and 6UY may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through fit camp. An historical examination of fit camp for fitness which includes a look at the U.S. Military boot camp regimen. The student will strive for ultimate fitness through a program of cardiovascular exercise including circuit and intervals, balance, agility, speed, strength, and flexibility training both indoors and outdoors. Strength, cardiovascular fitness, flexibility and body composition assessments will occur throughout the term.

P E 6V: Core Conditioning
Unit(s): 0.1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination Physical Education 6V and 6VX may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through core conditioning which is an integrated fitness approach that focuses on developing the stabilization muscles of the center of the body. Included is an historical examination of core strengthening. Concentration will be on muscles of the torso, back, hips, inner and outer thighs, chest and abdominals. Resistance training, medicine balls, stability balls, and the body bar will be used in conjunction with breathing, posture, and muscle awareness.

P E 8: Total Fitness
Unit(s): 0.1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 8 and 8X may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to the discipline of Physical Education through total fitness, including an historical and global examination of Total Fitness and
conditioning. Students will improve fitness through a program of cardiovascular exercise, agility, speed, flexibility, and resistance training using both indoor and outdoor facilities. Fitness assessments will occur throughout the term.

P E 9: Cardiovascular and Strength Training
Units: 0.1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter); four and one-half hours for the one and one-half unit course (45 hours total per quarter). Repeatability: (Any combination of Physical Education 10, 10X and 10Y may be taken up to six times for credit.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through cardiovascular and strength training. Includes rules, equipment, facilities, etiquette, safety and technique of cardiovascular and strength training. Includes a brief historical examination of how cardiovascular and strength training has changed due to the influence of individuals and their countries. Students will review and apply basic exercise physiology, nutrition, and flexibility concepts to improve their physical condition.

P E 10: Multi-Sport Training
Units: 0.1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter); four and one-half hours for the one and one-half unit course (45 hours total per quarter). Repeatability: (Any combination of Physical Education 10, 10X and 10Y may be taken up to six times for credit.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through Multi-Sport fitness. An historical examination of multi-sport training methodology to include triathlon training. The student will strive for ultimate fitness through a program of cardiovascular exercise including interval training, strengthening exercises, and flexibility training both indoors and outdoors with an emphasis on aquatic fitness. Strength, cardiovascular fitness, and flexibility will be monitored and assessed throughout the term.

P E 11: Stretching
Units: 0.1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 11 and 11X may be taken up to six times for credit.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through stretching. Techniques for improving flexibility including passive and active stretches, Pilates exercises, partner stretches, Yoga poses and the use of equipment will be included. Emphasis will be placed upon flexibility, balance, spatial awareness and safety during stretching. Technique modifications to account for physical limitations will be emphasized. A brief examination of the evolution of the various forms of stretching reflecting cultural differences and diversity, exercise physiology, nutrition and wellness concepts related to total fitness, age, gender, disabilities and/or genetics will be covered.

P E 13A: Beginning Badminton
Units: 0.1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 13A, 13AX, 13B, 13BX, 13C, 13CX, 13T and 13TX may be taken up to six times for credit for the family of courses.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through badminton. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, and basic strokes in beginning level badminton. Basic exercise physiology, nutrition, flexibility and strength concepts to improve physical condition will be discussed. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to age, gender and physical conditions.

P E 13B: Intermediate Badminton
Units: 0.1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 13A, 13AX, 13B, 13BX, 13C, 13CX, 13T and 13TX may be taken up to six times for credit for the family of courses.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 13A or 13AX; or permission of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of Badminton. Includes a global and historical examination of the sport, rules, equipment, facilities and etiquette. Basic exercise physiology, nutrition, fundamentals of strength development and flexibility relative to playing at an
P E 13C: Advanced Badminton
Unit(s): 0/1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 13A, 13AX, 13B, 13BX, 13C, 13CX, 13D and 13DX may be taken up to six times for credit for the family of courses.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 13B or 13BX, or consent of the instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Further examination of Physical Education through the sport of badminton. Includes an depth study of the sport at an advanced level, rules, equipment, facilities, etiquette, and advanced skills and strategy as related to competitive play. Basic exercise physiology, nutrition, flexibility and strength concepts to improve physical condition in order to play at a more advanced level will be covered. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to age, gender and physical conditions.

P E 16A: Beginning Golf
Unit(s): 0/1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 16A, 16AX, 16B and 16BX may be taken up to six times for credit for the family of courses.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of golf. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, safety, and basic fundamentals of beginning golf. Students will develop skills in putting, chipping, pitching, and full swing fundamentals utilizing basic theories of physics. The skills portion of the course will encourage an understanding of how to adapt to the game and conventional techniques to an individual's physical abilities. Students will apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their overall playing level.

P E 16B: Intermediate Golf
Unit(s): 0/1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 16A, 16AX, 16B and 16BX may be taken up to six times for credit for the family of courses.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 16A or 16AX, or instructor permission. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of golf. Includes an historical examination, styles of play and strategies of the sport of men's and women's golf. Students will strive to develop intermediate skills in putting, chipping, pitching, unusual lies and full swing fundamentals utilizing theories of physics. Variations in concepts due to age, gender, and physical conditions will be noted. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

P E 19A: Beginning Volleyball
Unit(s): 0/1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 19A, 19AX, 19B, 19BX, 19C, 19CX and 19D may be taken up to six times for credit for the family of courses.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes: rules, equipment, facilities, safety, etiquette, basic fundamentals in beginning level volleyball with strategies for team offense and defense, and a brief historical examination of Global contributions by the men and women who changed the game of volleyball. Students will develop passing, hitting, blocking, and serving techniques utilizing fundamental theories of physics. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to an individual's physical abilities. Students will understand and apply basic exercise physiology, nutrition, flexibility, and strength concepts to improve their physical condition in order to play at a more advanced level.

P E 21A: Beginning Tennis
Unit(s): 0/1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (Any combination of Physical Education 21A, 21AX, 21B, 21BX, 21C, 21CX, 21D and 21DX may be taken up to six times for credit for the family of courses.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of tennis. Basic ground-strokes, serve and footwork as well as
basic singles' and doubles' strategies will be covered. Includes a brief historical examination of the sport, rules, equipment, facilities and etiquette. Students will strive to understand and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition in order to play at a more advanced level and to adapt the game to their individual physical ability, age, and gender.

00780  P E -021A-01  Beginning Tennis (LAB)  07:30 AM-09:10 AM  MW  LEE-WHEAT, COLEEN  T-CRTE
10184  P E -021A-02  Beginning Tennis (LAB)  10:00 AM-11:40 AM  MW  SIMONS, KELLY  T-CRTE
10825  P E -021A-61  Beginning Tennis (LAB)  06:00 PM-07:40 PM  TTh  SIMONS, KELLY  T-CRTE

P E 21B: Advanced Beginning Tennis
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (Any combination of Physical Education 21A, 21AX, 21B, 21BX, 21C, 21CX, 21D and 21DX may be taken up to six times for credit for the family of courses.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 21A or 21AX; or equivalent skills. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A continuing introduction to the rules, equipment, facilities, etiquette, and basic strokes - volley, lob and overhead and with further development of the forehand, backhand, serve. Instructors will emphasize conventional skill development, but also encourage adaptations based on physical ability, age, strength, gender and/or genetics. A brief historical examination of how the game of tennis has changed due to the influence of individual men, women, and children, of various countries, and their styles of play or strategies. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition in order to play tennis at a more advanced level.

01081  P E -021B-01  Advanced Beginning Tennis (LAB)  10:00 AM-11:40 AM  MW  SIMONS, KELLY  T-CRTE
10824  P E -021B-61  Advanced Beginning Tennis (LAB)  06:00 PM-07:40 PM  TTh  SIMONS, KELLY  T-CRTE

P E 22K: Theory and Technique of Ballet I
Unit(s): 1  ||  Hours: Two hours lecture-laboratory (24 hours total per quarter).  ||  Also Listed As: (Also listed as Dance 22K. Students may enroll in either department, but not both, for credit.)  ||  Repeatability: (Any combination of Dance 22K and 22L, and Physical Education 22K and 22L may be taken up to six times for credit for the family of courses.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Dance 22 or Physical Education 22.

Course Description: Introduction to the discipline and creative art of classical ballet, including the development of elementary movement techniques, a working ballet vocabulary, exposure to great works and artists from a global perspective, theory and practice of barre and center floor exercises.

10091  P E -022K-01  Theory and Technique of Ballet I (CLAS)  10:00 AM-11:50 AM  MW  LUCAS, WARREN  PE11U
Course Notes (Summer): P E -022K-01: Equivalent to Level I technique

P E 23A: Theory and Technique of Contemporary (Modern) Dance I
Unit(s): 1  ||  Hours: Two hours lecture-laboratory (24 hours total per quarter).  ||  Also Listed As: (Also listed as Dance 23A. Students may enroll in either department, but not both, for credit.)  ||  Repeatability: (Any combination of Dance 23A and 23B, and Physical Education 23A and 23B may be taken up to six times for credit for the family of courses.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to the discipline and creative art of contemporary dance. Student will be exposed to a basic movement theory, technique and repertoire from global artists.

00788  P E -023A-61  Theory and Technique of Contemporary (Modern) Dance I (CLAS)  05:30 PM-07:20 PM  MW  SHAW, JANET  PE11U
Course Notes (Summer): P E -023A-61: Equivalent to Level I technique

P E 23L: Theory and Technique of Hip-Hop I (Popular American Dance)
Unit(s): 1  ||  Hours: Two hours lecture-laboratory (24 hours total per quarter).  ||  Also Listed As: (Also listed as Dance 23L. Students may enroll in either department, but not both, for credit.)  ||  Repeatability: (Any combination of Dance 23L and 23M, and Physical Education 23L and 23M may be taken up to six times for credit for the family of courses.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of creative arts through hip-hop dance with an integrated fitness approach that focuses on developing the stabilization muscles of the center of the body. Concentration will be on muscules of the torso, back, hips, inner and outer thighs, chest and abdominals will be used in conjunction with breathing, posture, and muscle awareness. Exposure to great works and artists of the field. Development of a working hip-hop dance vocabulary. Theory and practice of basic technique.

00789  P E -023L-01  Theory and Technique of Hip-Hop I (Popular American Dance) (CLAS)  12:30 PM-02:20 PM  TTh  GALLEGOS, VERNON  PE11U

P E 25A: Theory and Technique of Salsa Dance I
Unit(s): 1  ||  Hours: Two hours lecture-laboratory (24 hours total per quarter).  ||  Also Listed As: (Also listed as Dance 25A. Students may enroll in either department, but not both, for credit.)  ||  Repeatability: (Any combination of Dance 25A and Physical Education 25A may be taken up to three times for credit as long as the topics are different each time.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Introduction to the discipline and creative art of salsa dance. Exposure to basic forms of social dance in a salsa dance context. Developing a working vocabulary of traditional salsa dance movements and an understanding of the cultural and historical contexts that produced the specific dance styles.

P E 26A: Novice Swimming
Unit(s): 0 1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 26A, 26AX, 26B, 26BX, 26C, 26CX, 26D and 26DX may be taken up to six times for credit for the family of courses.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to Physical Education through novice swimming. Skills and techniques for the non-swimmer will be covered. Global and historical development of swimming as a fitness activity, novice stroke skills, survival methods, overcoming fear of water, and safety will be included. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.

P E 26B: Beginning Swimming
Unit(s): 0 1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 26A, 26AX, 26B, 26BX, 26C, 26CX, 26D and 26DX may be taken up to six times for credit for the family of courses.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 26A or 26AX, or pass swimming placement test which consists of swimming 25 yards in deep water. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to Physical Education through the development of skills and techniques for the beginning swimmer. Global and historical development of swimming as a fitness and competitive activity will be discussed. Beginning stroke skills, survival methods, diving from the side of the pool, and deep water swimming will be covered. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.

P E 26C: Intermediate Swimming
Unit(s): 0 1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 26A, 26AX, 26B, 26BX, 26C, 26CX, 26D and 26DX may be taken up to six times for credit for the family of courses.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 26B or 26BX, or equivalent swimming skills. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction into Physical Education through skills and techniques for the intermediate swimmer. Global and historical development of swimming as a fitness and competitive activity will be discussed. Intermediate stroke skills, springboard diving, turns, and water safety will be covered. The student be expected to swim greater lengths with increased motor skills. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.

P E 26D: Advanced Swimming
Unit(s): 0 1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (Any combination of Physical Education 26A, 26AX, 26B, 26BX, 26C, 26CX, 26D and 26DX may be taken up to six times for credit for the family of courses.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 26C or 26CX, or equivalent swimming skills. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
**Course Description:** An introduction to Physical Education through skills and techniques for the advanced swimmer. Global and historical development of swimming as a fitness and competitive activity will be discussed. Advanced stroke skills, endurance swimming, racing turns and starts, and spring board diving will be covered. The student will perform skills at a greater speed and distance at an advanced motor skill level. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.

<table>
<thead>
<tr>
<th>00799</th>
<th>P E ·026D-01</th>
<th>Advanced Swimming (LAB)</th>
<th>10:00 AM-11:40 AM</th>
<th>MW DONAHUE, MARY</th>
<th>POOLW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Notes (Summer): P E ·026D-01: The first day of class meet on the bleachers in front of PE 14. For more information about this class, visit the following website: <a href="http://faculty.deanza.edu/donahuemary/stories/storyReader$53">http://faculty.deanza.edu/donahuemary/stories/storyReader$53</a></td>
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<tr>
<th>00800</th>
<th>P E ·026D-02</th>
<th>Advanced Swimming (LAB)</th>
<th>10:00 AM-11:50 AM</th>
<th>TTh DONAHUE, MARY</th>
<th>POOLM</th>
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<tbody>
<tr>
<td>Course Notes (Summer): P E ·026D-02: For more information about this class, visit the following website: <a href="http://faculty.deanza.edu/donahuemary/stories/storyReader$53">http://faculty.deanza.edu/donahuemary/stories/storyReader$53</a></td>
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| 10716 | P E ·026D-05 | Advanced Swimming (LAB) | 12:00 PM-12:50 PM | MTWTh MAY, CHRISTIAN | DWELL |

**P E 30: Introduction to Physical Education/Kinesiology**

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** A introduction to the discipline of physical education/kinesiology. The student will study career options, career choice, required preparation and training for occupations in teaching, coaching, physical therapy, sports medicine and other professions stemming from a degree in physical education/kinesiology. Course will include an in-depth overview of past, present, and future foundations, principles, and philosophies for students seeking major areas of study. Course will also focus on career options with an understanding of intercultural and gender (Title IX) relating to the profession.

| 00803 | P E ·030-01 | Introduction to Physical Education/Kinesiology (CLAS) | 10:00 AM-11:40 AM | MTWTh ZARECKY, GARY | PE12U |

**P E 32H: Offensive Football Techniques**

Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (May be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through Offensive Football Techniques. Includes a global and historical examination of the skills and techniques of advanced offensive football and the changes that have influenced the modern game. Through the study of film and use of play books the student will learn the various segments of offensive play. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

<table>
<thead>
<tr>
<th>10262</th>
<th>P E ·032H-01</th>
<th>Offensive Football Techniques (LAB)</th>
<th>02:00 PM-04:40 PM</th>
<th>MTWTh ATENCIO, DAN</th>
<th>TBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Notes (Summer):</td>
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<th>TBA</th>
<th>ATENCIO, DAN</th>
<th>TBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Notes (Summer): PE 032H02. Please contact Coach Dan Atencio before enrolling in this class. Email him at: <a href="mailto:atenciodan@fhda.edu">atenciodan@fhda.edu</a></td>
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</tbody>
</table>

**P E 32I: Defensive Football Techniques**

Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (May be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through defensive football techniques. Includes a global and historical examination of the skills and techniques of advanced defensive football and the changes that have influenced the modern game. Through the study of film, use of playbooks and team work the student will learn the various segments of defensive play. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

<table>
<thead>
<tr>
<th>10263</th>
<th>P E ·032I-01</th>
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<th>MTWTh SANTOS, ANTHONY</th>
<th>TBA</th>
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</tbody>
</table>

**P E 32J: Water Polo Techniques**

Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (May be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through the sport of water polo. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Through the intercollegiate competitive experience students will improve their individual water polo skills, increase their ability to employ advanced training and increase their knowledge of exercise physiology, exercise nutrition, and kinesiological concepts. Competitive water polo experience preferred at the high school, club or collegiate levels.

<table>
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<tr>
<th>10264</th>
<th>P E ·032J-01</th>
<th>Water Polo Techniques (LAB)</th>
<th>09:00 AM-09:50 AM</th>
<th>MTWTh VON MATT, DANIELLE</th>
<th>PE11L</th>
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<tr>
<td>10264</td>
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<td>Water Polo Techniques (LAB)</td>
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<td>MTWTh VON MATT, DANIELLE</td>
<td>DWELL</td>
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<td>10871</td>
<td>P E ·032J-02</td>
<td>Water Polo Techniques (CLAS)</td>
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<td>TBA</td>
<td>VON MATT, DANIELLE</td>
</tr>
</tbody>
</table>

**P E 32K: Basketball Techniques**

Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (May be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
### Course Description: An introduction to the discipline of Physical Education through the sport of basketball. Includes a global and historical examination of the sport, rules, equipment, facilities and etiquette. Skills and techniques of advanced basketball play. Includes analysis of basketball movement, team interaction and basketball theory. Students will gain an understanding of exercise physiology, nutrition, development of muscular strength and endurance and flexibility will be enhanced.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<td>10032</td>
<td>P E -032K-02 Basketball Techniques (LAB)</td>
<td>2</td>
<td>MW</td>
<td>06:00 PM-07:50 PM</td>
<td>MTWTh</td>
<td>GUEVARA, DAWNIS</td>
<td>PE21E</td>
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<td>10032</td>
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<td>MTWTh</td>
<td>GUEVARA, DAWNIS</td>
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#### Course Notes (Summer): PE032K02. This class meets for 12 weeks. Please contact Jason Damjanovic for more details. (408) 864-8648

<table>
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<th>Course Code</th>
<th>Title</th>
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<th>Location</th>
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<td>MW</td>
<td>06:00 PM-07:50 PM</td>
<td>TTh</td>
<td>KRAKALOTT, ARDEN</td>
<td>PE21E</td>
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<tr>
<td>10033</td>
<td>P E -032K-03 Volleyball Techniques (LAB)</td>
<td>2</td>
<td>TTh</td>
<td>08:00 PM-09:50 PM</td>
<td>TTh</td>
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<td>TBA</td>
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</table>

#### Course Notes (Summer): PE032K03. This class meets for 12 weeks. For more information contact Coach Arden Kragalott at 864-8648

### P E 32L: Volleyball Techniques

**Unit(s):** 2  ||  **Hours:** Six hours laboratory (72 hours total per quarter).  ||  **Repeatability:** (May be taken up to six times for credit.)  ||  **General Education Status:** GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Further examination of the discipline of Physical Education through the sport of Volleyball. A deeper look into the sport at an advanced level, rules, equipment, facilities, etiquette, safety, and fundamentals of advanced volleyball through intercollegiate play. Students will improve upon team play strategies. Students will apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their overall playing level. Skills and techniques of advanced volleyball play. Analysis of movement, team interaction, and volleyball theory.

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
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<th>Instructor</th>
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<td>10186</td>
<td>P E -032L-01 Volleyball Techniques (LAB)</td>
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<tr>
<td>10187</td>
<td>P E -032L-03 Volleyball Techniques (LAB)</td>
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<td>TTh</td>
<td>08:00 AM-09:50 AM</td>
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<td>KRAKALOTT, ARDEN</td>
<td>PE21W</td>
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</tbody>
</table>

#### Course Notes (Summer): PE032L03 Please contact Coach Dawnis Guevara at 864-8555 before enrolling in this course.

### P E 32M: Soccer Techniques

**Unit(s):** 2  ||  **Hours:** Six hours laboratory (72 hours total per quarter).  ||  **Repeatability:** (May be taken up to six times for credit.)  ||  **General Education Status:** GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Competitive soccer experience at the high school, club or collegiate levels, or approval of the instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Further examination of the discipline of Physical Education through the sport of soccer. Includes rules, equipment, facilities, etiquette and preparation for a competitive level of play. This course is designed to enhance skills and strategies of intermediate or advanced soccer players. Strategies and tactics of the game will be discussed and performed. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Status</th>
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<td>10183</td>
<td>P E -032M-01 Soccer Techniques (LAB)</td>
<td>2</td>
<td>MW</td>
<td>06:00 PM-07:50 PM</td>
<td>MTWTh</td>
<td>LANDEFFELD, MARK</td>
<td>FLDSS</td>
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<td>10183</td>
<td>P E -032M-01 Soccer Techniques (LAB)</td>
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<td>TTh</td>
<td>07:00 PM-08:50 PM</td>
<td>TTh</td>
<td>LANDEFFELD, MARK</td>
<td>FLDSS</td>
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</tbody>
</table>

#### Course Notes (Summer): PE032M02 Please contact Coach Colin Lindoires before enrolling in this course. He can be reached at lindorescolin@deanza.edu or landerfeldmark@deanza.edu

### P E 32N: Track and Field Techniques

**Unit(s):** 2  ||  **Hours:** Six hours laboratory (72 hours total per quarter).  ||  **Repeatability:** (May be taken up to six times for credit.)  ||  **General Education Status:** GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of physical education through the sport of track and field. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Students will improve their individual track and field skills, increase their ability to employ advanced strategies and increase their knowledge of exercise physiology, exercise nutrition, kinesiological concepts underlying the development of force, power and body awareness.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Status</th>
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<tbody>
<tr>
<td>10175</td>
<td>P E -032N-02 Track and Field Techniques (LAB)</td>
<td>2</td>
<td>MW</td>
<td>09:00 AM-10:00 AM</td>
<td>MTWTh</td>
<td>MATTIS, NICHOLAS</td>
<td>TBA</td>
</tr>
</tbody>
</table>

### P E 32S: Women's Soccer Techniques

**Unit(s):** 2  ||  **Hours:** Six hours laboratory (72 hours total per quarter).  ||  **Repeatability:** (May be taken up to six times for credit.)  ||  **General Education Status:** GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Competitive soccer experience at the high school, club, collegiate, intermediate and advanced levels or approval of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Further examination of the discipline of Physical Education through the sport of soccer. This course is designed to enhance skills and strategies of intermediate to advanced soccer players. Includes rules, equipment, facilities, etiquette and preparation for performance on a competitive level. Strategies and tactics of the game will be discussed and performed. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

10177 P E -032S-02 Women's Soccer Techniques (LAB) 12:30 PM-04:20 PM MW OWIESNY, CHERYL FLDSS
10177 P E -032S-02 Women's Soccer Techniques (LAB) 06:00 PM-07:50 PM TTh OWIESNY, CHERYL FLDSS
10185 P E -032S-03 Women's Soccer Techniques (LAB) TBA MTWTh OWIESNY, CHERYL FLDSS

Course Notes (Summer): PE 325803 For more information contact Coach Cheryl Owiesny at owiesnycheryl@deanz.edu

P E 39MX: Intercollegiate Men's Soccer
Unit(s): 1 1/2  |  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  |  Repeatability: (Any combination of Physical Education 39M and 39MX may be taken up to six times for credit.)  |  Formerly: (Physical Education 39MX was formerly Physical Education 98B and Physical Education 39M was formerly Physical Education 39.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in soccer, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of soccer. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed upon the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in match play. Discussion of strategic information from scouting reports with application to game preparation and management. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

10634 P E -39MX-01 Intercollegiate Men's Soccer (LAB) TBA Starts: 08/13/2012 Ends: 09/22/2012 LANDEFELD, MARK FLDSS
10864 P E -39MX-01 Intercollegiate Men's Soccer (CLAS) 05:30 PM-07:30 PM Starts: 08/13/2012 Ends: 09/22/2012 MTWTh LANDEFELD, MARK FLDSS

P E 39WX: Women's Soccer
Unit(s): 1 1/2  |  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  |  Repeatability: (Any combination of Physical Education 39W and 39WX may be taken up to six times for credit.)  |  Formerly: (Physical Education 39WX was formerly Physical Education 98C.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in soccer, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of soccer. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed upon the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in match play. Discussion of the laws of the game, equipment technology, and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

10633 P E -39WX-01 Intercollegiate Women's Soccer (LAB) TBA Starts: 08/13/2012 Ends: 09/22/2012 OWIESNY, CHERYL FLDSS
10883 P E -39WX-02 Intercollegiate Women's Soccer (CLAS) 01:00 PM-03:00 PM Starts: 08/13/2012 Ends: 09/22/2012 MTWTh OWIESNY, CHERYL FLDSS

P E 40X: Intercollegiate Football
Unit(s): 1 1/2  |  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  |  Repeatability: (Any combination of Physical Education 40 and 40X may be taken up to six times for credit.)  |  Formerly: (Physical Education 40X was formerly Physical Education 98D.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in football, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through intercollegiate football. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed on the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in games. Discussion of the rules of the game, equipment technology and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to football will be discussed.

10628 P E -040X-01 Intercollegiate Football (LAB) TBA Starts: 08/13/2012 Ends: 09/22/2012 ATENCIO, DAN TBA
10629 P E -040X-02 Intercollegiate Football (LAB) TBA Starts: 08/13/2012 Ends: 09/22/2012 SANTOS, ANTHONY TBA

P E 41X: Intercollegiate Water Polo
Unit(s): 1 1/2  |  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  |  Repeatability: (Any combination of Physical Education 41 and 41X may be taken up to six times for credit.)  |  Formerly: (Physical Education 41X was formerly Physical Education 98E.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in water polo, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through water polo. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed on the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in games. Discussion of the rules of the game, equipment technology and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to water polo will be discussed.

P E 42WX: Intercolligate Women's Volleyball
Unit(s): 1 1/2  |  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  |  Repeatability: (Any combination of Physical Education 42W and 42WX may be taken up to six times for credit.)  |  Formerly: (Physical Education 42WX was formerly Physical Education 98F.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in volleyball, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes a global and historical examination of the sport, rules, equipment, facilities, and safety. Emphasis placed on the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in games. Discussion of the rules of the game, equipment technology and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to volleyball will be discussed.

P E 43X: Intercolligate Cross Country (Men and Women)
Unit(s): 1 1/2  |  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  |  Repeatability: (Any combination of Physical Education 43 and 43X may be taken up to six times for credit.)  |  Formerly: (Physical Education 43X was formerly Physical Education 98G.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in cross country, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of physical education through the sport of cross country. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Through the intercolligate competitive experience students will improve their individual running skills, increase their ability to employ advanced strategies and increase their knowledge of exercise physiology, exercise nutrition, kinesiological concepts underlying the development of endurance, strength development and body awareness.

P E 53: Physical Stress Management
Unit(s): 2  |  Hours: Two hours lecture (24 hours total per quarter).  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to Physical Education through the natural techniques that effectively relieve stress related physical problems. Each student will develop and implement a personal stress reduction program. Students will be exposed to information on how lifestyle, gender, age, personality and occupation effects stress and the ability to successfully cope with it.

P E 54: Introduction to Massage
Unit(s): 4  |  Hours: Three hours lecture, three hours laboratory (72 hours total per quarter).  |  Materials Fee: $5.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to the discipline of Physical Education through the field of massage therapy. Includes theory, practical experience, methods, procedures, and contraindications. Students will be exposed to the rich international history of massage and to a variety of techniques from around the world including the contributions of men and women to the field.
P E 54T: Internship in Massage Therapy
Unit(s): 1 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Physical Education 54T, 54U and 54V may be taken up to six times for credit.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Physical Education 54A or technical proficiency suitable to the course level.
Course Description: Internships provide opportunities for massage therapy students to reinforce the massage training gained in the classroom setting. With instructor approval students shall either assume the role of Teacher’s Assistant or gain additional hands-on experience in the field under the supervision of an instructor, athletic trainer, or coach.

00822  P E -054T-01  Introduction to Massage (CLAS)  12:30 PM-01:45 PM  MTWTh  FORMAN, JEFFREY  PE12U
00822  P E -054T-01  Introduction to Massage (LAB)  01:55 PM-03:10 PM  MTWTh  FORMAN, JEFFREY  PE12U

P E 54U: Internship in Massage Therapy
Unit(s): 2 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Physical Education 54T, 54U and 54V may be taken up to six times for credit.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Physical Education 54A or technical proficiency suitable to the course level.
Course Description: Internships provide opportunities for massage therapy students to reinforce the massage training gained in the classroom setting. With instructor approval students shall either assume the role of Teacher’s Assistant or gain additional hands-on experience in the field under the supervision of an instructor, athletic trainer, or coach.

00823  P E -054T-55  Internship in Massage Therapy (LAB)  TBA  TBA  FORMAN, JEFFREY  TBA

P E 70A: Orientation to Lifetime Fitness
Unit(s): 2 || Hours: Two hours lecture (24 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Co-requisite: Physical Education 70A students must also enroll in Physical Education 71. Physical Education-Adapted 1, 1X, 2, 2X, 3, 3X, 4, 4X, 5, or 5X. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Introduction to fitness, wellness and lifestyle management. Students will examine current theories of health and fitness with emphasis on how wellness and personal fitness are affected by genetics, gender, and age. Each student will perform pre-assessment and post-assessment tests of their own cardiovascular capacity, muscular strength and endurance, flexibility, and body composition. Lifestyle changes will be emphasized and behavior change tools that promote healthy choices will be discussed. Instruction on proper exercise techniques will be demonstrated.

00825  P E -070A-01  Orientation to Lifetime Fitness (CLAS)  10:00 AM-11:40 AM  MW  DAMJANOVIC, JASON  PE673
00826  P E -070A-02  Orientation to Lifetime Fitness (CLAS)  10:00 AM-11:40 AM  TTh  PACHECO, RACHEL  PE673

Course Notes (Summer): P E -070A-02: Must be taken concurrently with P E 071.02. Please note: if you have successfully completed PE70A and 71 you are eligible to enroll PE 071.51 Go to the Wellness Center now for more details, or contact jonescj@deanza.edu

00827  P E -070A-61  Orientation to Lifetime Fitness (CLAS)  06:00 PM-07:40 PM  MW  MAY, CHRISTIAN  PE673

Course Notes (Summer): P E -070A-61: Must be taken concurrently with P E 071.61. Please note: if you have successfully completed PE70A and 71 you are eligible to enroll PE 071.51 Go to the Wellness Center now for more details, or contact jonescj@deanza.edu

00828  P E -070A-61  Orientation to Lifetime Fitness (CLAS)  TBA  TBA  OWIESNY, CHERYL  LC107

P E 71A: Wellness and Fitness Center Laboratory
Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || Repeatability: (May be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 51 or 70A, or Health 51 (courses may be taken concurrently).
Course Description: A laboratory designed to improve student's cardio-respiratory fitness, muscular strength and endurance, flexibility and body composition. Strength and muscular endurance will be developed using Magnum weight equipment. Cardio-respiratory programs will be run on treadmills, cycles, stair steppers, and elliptical trainers.

00829  P E -071A-01  Lifetime Wellness and Fitness Center Laboratory (LAB)  TBA  TBA  DAMJANOVIC, JASON  PE610

Course Notes (Summer): P E -071A-01: Must be taken concurrently with a section of PE 070A01. You will be required to schedule specific hours with your instructor during the first week of class.

00830  P E -071A-02  Lifetime Wellness and Fitness Center Laboratory (LAB)  TBA  TBA  PACHECO, RACHEL  PE610

Course Notes (Summer): P E -071A-02: Must be taken concurrently with P E 070A02. Please note: if you have successfully completed PE70A and 71 you are eligible to enroll PE 071.51 Go to the the Wellness Center now for more details, or contact jonescj@deanza.edu

00831  P E -071A-03  Lifetime Wellness and Fitness Center Laboratory (LAB)  TBA  TBA  OWIESNY, CHERYL  PE610

10010  P E -071A-51  Lifetime Wellness and Fitness Center Laboratory (LAB)  Starts: 07/02/2012 Ends: 09/22/2012 TBA  SCHROEDER, RICHARD  PE610

00833  P E -071A-61  Lifetime Wellness and Fitness Center Laboratory (LAB)  TBA  TBA  MAY, CHRISTIAN  PE610

Course Notes (Summer): P E -071A-61: Must be taken concurrently with P E 071A61. Please note: if you have successfully completed PE70A and 71 you are eligible to enroll PE 071.51 Go to the the Wellness Center now for more details, or contact jonescj@deanza.edu

P E 77X: Special Projects in Physical Education
Unit(s): 1 || Hours: Three hours for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of

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Physical Education 77, 77X and 77Y may be taken up to six times for credit as long as the projects are different each time.) || Formerly: (Formerly Physical Education 29, 29X and 29Y respectively.) || General Education Status: Non-GE || Program Status: Degree Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Individual research in Physical Education. Specific projects determined on consultation with the instructor. Outside reading and written report required. These projects are undertakings that are not in the regular physical education curriculum and require the approval of the division dean.

00835  P E-07TX-65R  Special Projects in Physical Education (LAB)  TBA  TBA  SCHROEDER, RICHARD  TBA

P E 77Y: Special Projects in Physical Education

Unit(s): 1 1/2 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Physical Education 77, 77X and 77Y may be taken up to six times for credit as long as the projects are different each time.) || Formerly: (Formerly Physical Education 29, 29X and 29Y respectively.) || General Education Status: Non-GE || Program Status: Degree Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Individual research in Physical Education. Specific projects determined on consultation with the instructor. Outside reading and written report required. These projects are undertakings that are not in the regular physical education curriculum and require the approval of the division dean.

00836  P E-077Y-65R  Special Projects in Physical Education (LAB)  TBA  TBA  SCHROEDER, RICHARD  TBA

P E 88A: Coaching I: The Foundations of Coaching

Unit(s): 2 || Hours: Two hours lecture (24 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction and continuing education into the theories, techniques, strategies, and qualifications related to sport and athletic coaching. An in-depth analysis of coaching responsibilities and practical applications associated with youth (Little League, Pop Warner, American Youth Soccer Organization, andYMCA), middle school, high school, community college, and four-year university levels of competition and play. The students will study the issues and requirements associated with possible duties and job responsibilities in relationship to administrative, medical, legal, and practical experiences.

01147  P E-088A-01  Coaching I: The Foundations of Coaching (CLAS)  06:00 PM-07:50 PM  MW  ZARECKY, GARY  PE12U

***** Paralegal Program

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
</table>
| PARA 18: Business Law I

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Materials Fee: $2.00 || Also Listed As: (Also listed as Business 18. Students may enroll in either department, but not both, for credit.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 1A or English as a Second Language 5; Business 10.

Course Description: The American legal system and laws applicable to business emphasizing contract, sales and agency laws, the impact of the legal system on business, and ethical considerations in the business environment.

00847  PARA-018-01  Business Law I (CLAS)  10:00 AM-12:15 PM  MTHW  GOULARTE, RONALD  FOR3

00848  PARA-018-612  Business Law I (CLAS)  TBA  TBA  GOUGH, WALTER  ONLINE

PARA 64: Paralegal Internship

Unit(s): 1 || Hours: Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Paralegal 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law, paralegal, or legal research under the supervision of the instructor and agency personnel.

10671  PARA-064-.55  Paralegal Internship (LAB)  TBA  TBA  ELLIS, TERRY  L13C

Course Notes (Summer): PARA-064-.55: Internships limited to continuing De Anza Paralegal majors. Internships must be arranged during the quarter prior to the beginning of classes. Interested students should contact the instructor at (408) 804-5643.

PARA 64X: Paralegal Internship

Unit(s): 2 || Hours: Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Paralegal 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law, paralegal, or legal research under the supervision of the instructor and agency personnel.

10233  PARA-064X-.55  Paralegal Internship (LAB)  TBA  TBA  ELLIS, TERRY  L13C
**Course Notes (Summer):** PARA-064X-55: Internships limited to continuing De Anza Paralegal majors. Internships must be arranged during the quarter prior to the beginning of classes. Interested students should contact the instructor at (408) 864-8563.

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### PARA 64Y: Paralegal Internship

**Unit(s):** 3  ||  **Hours:** Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  
**Repeatability:** (Any combination of Paralegal 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:**  
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Program of work experience and study in law, paralegal, or legal research under the supervision of the instructor and agency personnel.

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### PARA 64Z: Paralegal Internship

**Unit(s):** 4  ||  **Hours:** Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  
**Repeatability:** (Any combination of Paralegal 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:**  
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Program of work experience and study in law, paralegal, or legal research under the supervision of the instructor and agency personnel.

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<th>Title</th>
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### PARA 75: Principles and Procedures of the Justice System

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  
**Also Listed As:** (Also listed as Administration of Justice 75 and Political Science 75. Students may enroll in only one department for credit.)  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:**  
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Procedures followed by law enforcement and courts in criminal cases; constitutional principles governing those procedures.

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<th>Title</th>
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### PARA 85: Intellectual Property Law

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:**  
Prerequisite: Paralegal 94 or 95; Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Overview of the law of intellectual property, including trade secrets, trademarks, patents and copyrights and examination of the role of the paralegal in this area.

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### PARA 86: Legal Analysis

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:**  
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Principles of legal analysis with an emphasis on analysis of case law; detailed examination of written case opinions; methods of interpreting statutory law; development of legal arguments based on case law and statutory law.

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### PARA 88: Drafting Wills and Trusts

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  
**General Education Status:** Non-GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:**  
Prerequisite: Paralegal 94 or 95, or professional experience appropriate to the topic. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Substantive, procedural and drafting principles of wills and trusts and estate planning; role of paralegal in drafting wills and trusts, inventorying estates, and collecting data.

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<th>CRN</th>
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<td>ELLIS, TERRY</td>
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#### ***** Physical Education/Adapted

**Important Department Information:** Physical Education classes for individuals with special needs.
PEA 1: Adapted Total Fitness

Unit(s): 0.1/2 | Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). | Repeatability: (Any combination of Adapted Physical Education 1, 1X, 1Y and 1Z may be taken up to six times for credit.) | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, Adapted Physical Education 1 is an introduction to the discipline of Physical Education through cardiovascular, strength, and flexibility training in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to fitness training. Includes a brief historical examination of how fitness training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular, strength, and flexibility fitness levels.

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<td>00867</td>
<td>PEA -001X.61</td>
<td>Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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</tbody>
</table>

PEA 1X: Adapted Total Fitness

Unit(s): 1 | Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). | Repeatability: (Any combination of Adapted Physical Education 1, 1X, 1Y and 1Z may be taken up to six times for credit.) | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, Adapted Physical Education 1 is an introduction to the discipline of Physical Education through cardiovascular, strength, and flexibility training in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to fitness training. Includes a brief historical examination of how fitness training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular, strength, and flexibility fitness levels.

<table>
<thead>
<tr>
<th>Course Notes (Summer)</th>
<th>PEA -001X.61</th>
<th>05:00 PM-07:05 PM</th>
<th>Starts: 07/02/2012</th>
<th>Ends: 08/25/2012</th>
<th>TTh</th>
<th>DOMINGUEZ, MICHAEL</th>
<th>PE13</th>
</tr>
</thead>
<tbody>
<tr>
<td>00867</td>
<td>PEA -001X.61</td>
<td>Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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</tbody>
</table>

PEA 2: Adapted Strength Development

Unit(s): 0.1/2 | Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). | Repeatability: (Any combination of Adapted Physical Education 2, 2X, 2Y and 2Z may be taken up to six times for credit.) | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, Adapted Physical Education 2 is an introduction to the discipline of Physical Education through strength development in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to strength training. Includes a brief historical examination of how strength training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and strength development concepts in the context of their own abilities and limitations to develop and/or maintain their muscular strength.

<table>
<thead>
<tr>
<th>Course Notes (Summer)</th>
<th>PEA -002.01</th>
<th>09:00 AM-10:00 AM</th>
<th>Starts: 07/02/2012</th>
<th>BENDTEN, MARY</th>
<th>PE13</th>
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</thead>
<tbody>
<tr>
<td>00868</td>
<td>PEA -002.01</td>
<td>Adapted Strength Development (LAB)</td>
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<tr>
<td>Course Notes (Summer):</td>
<td>PEAX -002 -01: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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<tr>
<td>00869 PEA -002 -02 Adapted Strength Development (LAB)</td>
<td>10:10 AM-11:10 AM Starts: 07/02/2012 Ends: 08/25/2012 BENNETT, MARY PE13</td>
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<td>Course Notes (Summer):</td>
<td>PEAX -002 -02: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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<td>00870 PEA -002 -03 Adapted Strength Development (LAB)</td>
<td>11:20 AM-12:20 PM Starts: 07/02/2012 Ends: 08/25/2012 BENNETT, MARY PE13</td>
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<td>Course Notes (Summer):</td>
<td>PEAX -002 -03: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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<tr>
<td>00871 PEA -002 -04 Adapted Strength Development (LAB)</td>
<td>10:10 AM-11:10 AM Starts: 07/02/2012 Ends: 08/25/2012 BAKER, TRACY PE13</td>
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<td>Course Notes (Summer):</td>
<td>PEAX -002 -04: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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<tr>
<td>00872 PEA -002 -05 Adapted Strength Development (LAB)</td>
<td>11:20 AM-12:20 PM Starts: 07/02/2012 Ends: 08/25/2012 BAKER, TRACY PE13</td>
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<td>Course Notes (Summer):</td>
<td>PEAX -002 -05: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.</td>
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</tbody>
</table>

PEA 2X: Adapted Strength Development

Unit(s): 1 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Adapted Physical Education 2, 2X, 2Y and 2Z may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, Adapted Physical Education 2 is an introduction to the discipline of Physical Education through strength development in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to strength training. Includes a brief historical examination of how strength training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and strength development concepts in the context of their own abilities and limitations to develop and/or maintain their muscular strength.

00873 PEA -002X-61 Adapted Strength Development (LAB) 05:00 PM-07:05 PM Starts: 07/02/2012 Ends: 08/25/2012 BLOOM, LARRY PE13

Course Notes (Summer): PEA -002X-61: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.

PEA 4: Adapted Cardiovascular Training

Unit(s): 0.5 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Adapted Physical Education 4, 4X, 4Y and 4Z may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, Adapted Physical Education 4 is an introduction to the discipline of Physical Education through cardiovascular training in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to cardiovascular fitness training. Global and historical review of the evolution of aerobic exercise, exercise trends for men, women, and athletes as they correspond to the evolution of the discipline of Physical Education. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular fitness levels.

00874 PEA -004 -02 Adapted Cardiovascular Training (LAB) 09:00 AM-10:00 AM Starts: 07/02/2012 Ends: 08/25/2012 FORMAN, JEFFREY PE13

Course Notes (Summer): PEA -004 -02: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.

10017 PEA -004 -03 Adapted Cardiovascular Training (LAB) 07:50 AM-08:50 AM Starts: 07/02/2012 Ends: 08/25/2012 BENNETT, MARY PE13

PEA 5: Adapted Aquatic Exercise

Unit(s): 0.5 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Any combination of Adapted Physical Education 5, 5X, 5Y and 5Z may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, Adapted Physical Education 5 is an introduction to the discipline of Physical Education through water exercise in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Aquatic exercise uses dynamic aerobic exercise techniques to provide a level of conditioning for both the aerobic and anaerobic energy systems. The freestyle interval format combines jogging, jumping, walking, punning, kicking, and a variety of aerobic type movements performed in land-based programs. Students will strive for ultimate fitness through a complete program of cardiovascular exercise, strength development, and flexibility. An historical examination of Aquatic Exercise for fitness, rehabilitation, and play will be included.

00876 PEA -005 -01 Adapted Aquatic Exercise (LAB) 09:00 AM-10:00 AM Starts: 07/02/2012 Ends: 08/25/2012 BEGGS, THOMAS TBA

Course Notes (Summer): PEA -005 -01: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.

00877 PEA -005 -02 Adapted Aquatic Exercise (LAB) 10:10 AM-11:10 AM Starts: 07/02/2012 Ends: 08/25/2012 BEGGS, THOMAS TBA
### Course Notes (Summer): PEA -005 -02: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks starting the week of June 27.

<table>
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<th>Time</th>
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<td>Adapted Aquatic Exercise (LAB)</td>
<td>11:20 AM-12:20 PM</td>
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<td>BEGGS, THOMAS</td>
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<td>00879</td>
<td>PEA -005 -04</td>
<td>Adapted Aquatic Exercise (LAB)</td>
<td>10:10 AM-11:10 AM</td>
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<td>PEA -005 -05</td>
<td>Adapted Aquatic Exercise (LAB)</td>
<td>11:20 AM-12:20 PM</td>
<td>TTh</td>
<td>BEGGS, THOMAS</td>
<td>TBA</td>
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### PEA 6Y: Adapted Outdoor Education

Units: 1 1/2  | Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  | Repeatability: (Any combination of Adapted Physical Education 6X and 6Y may be taken up to six times for credit.)  | Formerly: (Formerly Adapted Physical Education 60 and 60X respectively.)  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** A multifaceted course for students with disabilities seeking outdoor experiential education. Includes diverse experiences involving accessible activities including hiking, kayaking, white water rafting, camping, sailing, etc. Using adapted methodologies and wilderness safety, disabled students will experience survival techniques, investigate flora and fauna, experience greater joy and personal fulfillment being in an outdoor environment. Mental and physical strength will be tested. Students with disabilities will learn new personal skills.

10253 | PEA -006Y -01F | Adapted Outdoor Education (LAB) | 01:30 PM-04:40 PM | TTh | BEGGS, THOMAS | CUPSC |

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### ***** Philosophy

### CRN Course Title Time Dates/Days Instructor Location

### PHIL 1: Knowledge and Reality

Units: 4  | Hours: Four hours lecture (48 hours total per quarter).  | Materials Fee: $1.00  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** A multicultural examination of philosophy as love of speculative and practical wisdom. What philosophers throughout the world have thought about reality and what constitutes our knowing of reality will be the major focus of the course.

00883 | PHIL -001 -01 | Knowledge and Reality (CLAS) | 10:00 AM-12:25 PM | TTh | RAMIREZ, ANTONIO | ADM119 |

### PHIL 2: Social and Political Philosophy

Units: 4  | Hours: Four hours lecture (48 hours total per quarter).  | Materials Fee: $1.00  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Examines fundamental issues and methods in social and political philosophy in their historical and cultural contexts. Issues include rights, equality, justifications for hierarchy, political systems (such as democracy, dictatorship, and collectivism), analysis of sources of inequality and domination as well as practices that challenge inequality domination.

00885 | PHIL -002 -01 | Social and Political Philosophy (CLAS) | 12:30 PM-02:55 PM | TTh | BAJAMONTE, NICHOLAS | FOR1 |

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<tr>
<th>CRN</th>
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<th>Title</th>
<th>Time</th>
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<th>Instructor</th>
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<tr>
<td>01126</td>
<td>PHIL -002 -02</td>
<td>Social and Political Philosophy (CLAS)</td>
<td>03:00 PM-05:25 PM</td>
<td>TTh</td>
<td>LE, TRUNG</td>
<td>L62</td>
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### PHIL 3: Critical Thinking and Writing

Units: 5  | Hours: Five hours lecture (60 hours total per quarter).  | Materials Fee: $1.00  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: English Writing 1A.

**Course Description:** An introduction to the study of argumentation, critical evaluation, the structure of language in written composition, and research techniques. Practical applications of critical thinking skills in everyday situations such as problem solving and evaluation of arguments will also be explored. A major research paper is also required for the course.

00886 | PHIL -003 -01       | Critical Thinking and Writing (CLAS) | 03:00 PM-06:05 PM  | TTh        | BAJAMONTE, NICHOLAS | FOR1 |

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### PHIL 4: Critical Thinking

Units: 4  | Hours: Four hours lecture (48 hours total per quarter).  | Materials Fee: $1.00  | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to the study of argumentation, critical evaluation, and the use of language in interpretation of diverse forms of discourse.
Explores practical applications of critical thinking skills in everyday situations such as problem solving and evaluation of arguments.

10199 PHIL-004-.01 Critical Thinking (CLAS) 10:00 AM-12:25 PM TWTh HAMMERUD, RICHARD L26
10200 PHIL-004-.02 Critical Thinking (CLAS) 03:00 PM-05:25 PM TWTh BUNCE, DANIEL FOR4
00887 PHIL-004-.03 Critical Thinking (CLAS) 12:30 PM-02:55 PM TWTh RAMIREZ, ANTONIO ADM101
00888 PHIL-004-.61 Critical Thinking (CLAS) 06:00 PM-09:50 PM MW HANSON, ANTHONY FOR3

PHIL 8: Ethics
Unit(s): 4  Hours: Four hours lecture (48 hours total per quarter).  General Education Status: GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An integrated and multicultural study of Ethical philosophy. Emphasis will be given to topics such as moral reflection, moral reasoning, moral decision making, and action. The course examines many approaches to Ethics (both Eastern and Western). Readings will be selected from moral philosophy, history, psychology, socio-cultural criticism, ethnic studies, and other sources (such as film and literature).

01102 PHIL-008-.01 Ethics (CLAS) 07:30 AM-09:55 AM TWTh HAMMERUD, RICHARD L26

***** Photography

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>

PHTG 1: Basic Photography
Unit(s): 3  Hours: Two hours lecture, three hours laboratory (60 hours total per quarter).  Materials Fee: $20.00  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 210 or equivalent.
Course Description: Introduction to black and white photography. Overview of the 35mm, single lens reflex, camera operating system. Basic understanding of film processing, printing and finishing. Development of critical thinking skills to analyze historical, cultural, conceptual, and practical aspects of a medium used worldwide. Preparatory for further work in photography including digital imaging.

00889 PHTG-001-.01 Basic Photography (CLAS) 09:30 AM-11:20 AM MW MATTICK, WILLIAM A65
00889 PHTG-001-.01 Basic Photography (LAB) 11:30 AM-02:20 PM MW MATTICK, WILLIAM A65
10075 PHTG-001-.02 Basic Photography (CLAS) 08:30 AM-10:20 AM TuH MARUOKA, JOHN A65
10075 PHTG-001-.02 Basic Photography (LAB) 10:30 AM-01:20 PM TuH MARUOKA, JOHN A65

PHTG 7: Exploring Visual Expression
Unit(s): 4  Hours: Four hours lecture (48 hours total per quarter).  General Education Status: GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Exploring visual expression through the photographic medium. Understanding of basic principles of perception, light, color, composition and visual awareness. Development of "critical thinking" skills to express aesthetic, intellectual and emotional concerns. Instruction on the use of film and/or digital cameras, lenses, and other creative controls of photography.

00890 PHTG-007-.01 Exploring Visual Expression (CLAS) 01:30 PM-05:20 PM Th CASTANO, WILFRED VPA132
00892 PHTG-007-.61 Exploring Visual Expression (CLAS) 06:00 PM-09:50 PM MW CASTANO, WILFRED A11

PHTG 52X: Photography Production Lab
Unit(s): 2  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  Materials Fee: $20.00  Repeatability: (Any combination of Photography 52 and 52X may be taken up to six times for credit.)  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: Prerequisite: Photography 1 or 4 (may be taken concurrently).
Course Description: Supervised use of photographic studio, darkrooms and/or photographic computer lab space.

00893 PHTG-052X-61 Photography Production Lab (LAB) 05:30 PM-09:20 PM MTW PIERCE, DIANE A65

PHTG 58: Using a Digital Camera
Unit(s): 2  Hours: Four hours lecture-laboratory (48 hours total per quarter).  General Education Status: Non-GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: An online introduction to the use of digital cameras; basic camera types, controls, storage, image size, and display will be covered. Technical and compositional exercises will enhance the understanding of digital cameras and techniques covered.

01036 *PHTG-058-.61Z Using a Digital Camera (CLAS) TBA TBA BHATTACHARJI, SITA ONLINE
01036 *PHTG-058-.61Z Using a Digital Camera (LAB) TBA TBA BHATTACHARJI, SITA ONLINE
## Physics

### PHYS 2A: General Introductory Physics

- **Unit(s):** 5
- **Hours:** Four hours lecture, three hours laboratory (64 hours total per quarter).
- **Materials Fee:** $1.50
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 1A (may be taken concurrently). Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Physics 50.

**Course Description:** An elementary study of the basic physical laws describing the motion of bodies. Includes the study of oscillations, waves, and sound. Applications to everyday physical phenomena in problem solving using verbal logic, critical thinking, and mathematics up to elementary calculus. In the laboratory, explore experimental scientific procedures by comparing theoretical models to classic experiments using standard measurement techniques, basic uncertainty analysis, and graphical interpretations of data.

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<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tr>
<td>1054</td>
<td>PHYS-002A-01</td>
<td>General Introductory Physics (CLAS)</td>
<td>12:30 PM-01:45 PM</td>
<td>Starts: 07/02/2012</td>
<td>FRANCIS, RONALD</td>
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<td>1054</td>
<td>PHYS-002A-02</td>
<td>General Introductory Physics (CLAS)</td>
<td>10:30 AM-11:20 AM</td>
<td>Starts: 07/02/2012</td>
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<td>S17</td>
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<td>1054</td>
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<td>11:30 AM-12:20 PM</td>
<td>Starts: 07/02/2012</td>
<td>STAFF, M</td>
<td>S17</td>
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**Course Notes (Summer):** PHTG-058-612 Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### PHYS 10: Concepts of Physics

- **Unit(s):** 5
- **Hours:** Five hours lecture (60 hours total per quarter).
- **Materials Fee:** $1.50
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Mathematics 114 or equivalent; or a qualifying score on the Intermediate Algebra Placement Test. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explore the fundamental concepts of physics as applied to everyday phenomena from a limited mathematical perspective emphasizing verbal logic, critical analysis, and rational thought. Analyze the history of scientific procedure as an interplay between theory and experimentation. Critically evaluate the role of scientific discovery in the success and development of technology.

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<th>Course</th>
<th>Title</th>
<th>Time</th>
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<td>PHYS-010-.01</td>
<td>Concepts of Physics (CLAS)</td>
<td>03:30 PM-05:45 PM</td>
<td>MON-THU</td>
<td>NEWTON, DAVID</td>
<td>S32</td>
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### PHYS 50: Preparatory Physics

- **Unit(s):** 4
- **Hours:** Four hours lecture (48 hours total per quarter).
- **Materials Fee:** $1.50
- **General Education Status:** Non-GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** Advisory: Mathematics 49B; Physics 10.

**Course Description:** A study in basic problem solving techniques in mechanics as a preparation for Physics 4A.

<table>
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<th>Time</th>
<th>Dates/Days</th>
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<tr>
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<td>Preparatory Physics (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TWWTH</td>
<td>LUNA, EDUARDO</td>
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## Political Science

### POLI 1: American Government and Politics

- **Unit(s):** 4
- **Hours:** Four hours lecture (48 hours total per quarter).
- **Materials Fee:** $3.00
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Critical examination of the contemporary and historical struggle for the development of democratic political institutions in the United States at the state, local, and national levels. Particular emphasis given to the conflict between disparate socioeconomic groups (e.g. traditional elite’s versus the historically (and currently) disenfranchised; women, people of color, workers, immigrants, etc.) in the conduct of U.S. political life.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>American Government and Politics (CLAS)</td>
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</table>
POLI 10: Introduction to Administration of Justice
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  Materials Fee: $1.00  |  Also Listed As: (Also listed as Administration of Justice 1. Students may enroll in either department, but not both, for credit.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade
Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: The history and philosophy of the administration of justice in America. A study of the overall system from its European antecedents and development within the United States; identification of various subsystems and components; their role expectations and interrelationships; basic premise of crime, punishment and rehabilitation; the role of education in the administration of justice within a democracy.

POLI 75: Principles and Procedures of the Justice System
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  Also Listed As: (Also listed as Administration of Justice 75 and Paralegal 75. Students may enroll in only one department for credit.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade
Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Procedures followed by law enforcement and courts in criminal cases; constitutional principles governing those procedures.

***** Psychology

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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</table>
| PSYC 1: General Psychology
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  Materials Fee: $1.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: Factors influencing human behavior including: biological and neurological processes and structures, evolution, genetics, gender, life span development, consciousness, attention, sensation, perception, learning, memory cognition, intelligence, motivation, emotion, stress, personality, psychopathology, psychotherapy, social and cultural determinants.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>
| PSYC 4: Abnormal Psychology
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  Materials Fee: $1.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: A historical overview of abnormal psychology with emphasis on current paradigms and models in psychopathology and therapy including a survey of research methodology; clinical assessment, classification, and diagnosis with special focus on cultural, gender, and age issues in psychopathology and therapy.
### PSYC 6: Introduction to Humanistic Psychology
- **Unit(s):** 4  
  - **Hours:** Four hours lecture (48 hours total per quarter).  
  - **Materials Fee:** $1.00  
  - **General Education Status:** GE  
  - **Program Status:** Program Applicable  
  - **Credit Status:** Credit - Degree applicable  
  - **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** A survey of humanistic, existential-phenomenological psychology and Eastern thought. A cross-cultural survey of humanistic personality principles including Western European existential phenomenological psychology and the current and historical impact of Eastern thought.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Title</th>
<th>Units</th>
<th>Credit Hours</th>
<th>Days</th>
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<th>Location</th>
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### PSYC 8: Introduction to Social Psychology
- **Unit(s):** 4  
  - **Hours:** Four hours lecture (48 hours total per quarter).  
  - **Materials Fee:** $1.00  
  - **General Education Status:** GE  
  - **Program Status:** Program Applicable  
  - **Credit Status:** Credit - Degree applicable  
  - **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** The scientific study of the way individuals think, feel and behave in social situations. The systematic approach will include cross cultural and comparative perspectives.

<table>
<thead>
<tr>
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<tr>
<td>00918</td>
<td>PSYC-008-.02 Introduction to Social Psychology (CLAS)</td>
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<td>12.00</td>
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<td>BECKUM, LAQUISHA</td>
<td>ADM119</td>
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### PSYC 10G: Child Development (The Early Years)
- **Unit(s):** 4  
  - **Hours:** Four hours lecture (48 hours total per quarter).  
  - **Materials Fee:** $1.00  
  - **Also Listed As:** (Also listed as Child Development 10G, Students may enroll in either department, but not both, for credit.)  
  - **General Education Status:** GE  
  - **Program Status:** Program Applicable  
  - **Credit Status:** Credit - Degree applicable  
  - **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An examination of human growth and development from conception to middle childhood with particular attention given to current theoretical and research perspectives within a diverse society. Observational study of children with analysis of factors influencing development including conditions that put children at risk. (This course meets NAEYC Standards 1 and 3; NBPTS Standards 1 and 4; and CEC Standards 1, 2 and 3.)

<table>
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### PSYC 10H: Child Development (Middle Childhood and Adolescence)
- **Unit(s):** 4  
  - **Hours:** Four hours lecture (48 hours total per quarter).  
  - **Materials Fee:** $1.00  
  - **Also Listed As:** (Also listed as Child Development 10H, Students may enroll in either department, but not both, for credit.)  
  - **General Education Status:** GE  
  - **Program Status:** Program Applicable  
  - **Credit Status:** Credit - Degree applicable  
  - **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An examination of human growth and development both typical and atypical from school age through adolescence with particular attention given to current theoretical and research perspectives within a diverse society. (This course meets NAEYC Standards 1 and 3; NBPTS Standards 1 and 4; and CEC Standards 1, 2 and 3.)

<table>
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<tr>
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### PSYC 14: Developmental Aspects of Psychology
- **Unit(s):** 4  
  - **Hours:** Four hours lecture (48 hours total per quarter).  
  - **Materials Fee:** $1.00  
  - **General Education Status:** GE  
  - **Program Status:** Program Applicable  
  - **Credit Status:** Credit - Degree applicable  
  - **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Interaction of the biological, social, cognitive and psychological development across the life span.

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<td>L28</td>
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**Course Notes (Summer):** PSYC-014-.61Z: Online Course with required on-campus meetings. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

### PSYC 64: Psychology Internship
- **Unit(s):** 1  
  - **Hours:** Four hours per week per unit of supervised internship in an authorized office or agency (48 hours total for each unit of credit per quarter).  
  - **Repeatability:** (Any combination of Psychology 64, 64X, 64Y and 64Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)  
  - **General Education Status:** Non-GE  
  - **Program Status:** Program Applicable  
  - **Credit Status:** Credit - Degree applicable  
  - **Grading Method:** Letter Grade

**Requisites:** Advisory: English Writing 1A or English as a Second Language 5; Psychology 1.

**Course Description:** Program of work experience and study in Psychology or Human Services under the supervision of the instructor and agency personnel.

<table>
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### Reading

**Important Department Information:** See other self-paced Reading courses under Skills.
### Cours

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### REST 50: Real Estate Principles

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### REST 51: Real Estate Practices

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### SCHD 888:

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### SIGN 1: Elementary American Sign Language (First Quarter)

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</table>
**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Development of and practice in elementary American Sign Language (ASL): preparation for acquiring a visual gestural language; finger spelling; vocabulary; modeling and use of basic grammatical structure. Beginning communication skill with emphasis on comprehension. Basic cultural aspects of deafness; historical and linguistic elements of sign language. Taught primarily in American Sign Language.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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#### Sociology

**SOC 1: Introduction to Sociology**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $2.00  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** The sociological approach to the study of human behavior from a variety of perspectives. Explore important concepts in sociology, including culture, social structure, socialization, social institutions, groups, social interaction, social inequality, collective behavior, and social change in human societies.

<table>
<thead>
<tr>
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<th>Course</th>
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</table>

Course Notes (Summer): SOC-001-612: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/online

Course Notes (Summer): SOC-001-652: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/online

**SOC 20: Social Problems**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $2.00  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Exploration of sociological perspectives on contemporary social problems. Examination of the social processes through which issues come to be viewed as social problems and the dynamics through which groups attempt to respond to and solve these problems.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>10003</td>
<td>SOC-020-01</td>
<td>Social Problems</td>
<td>10:00 AM-12:25 PM TWTh</td>
<td>JEUNG, JENSEN</td>
<td>MCC-17</td>
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</tr>
<tr>
<td>10191</td>
<td>SOC-020-02</td>
<td>Social Problems</td>
<td>12:30 PM-02:55 PM TWTh</td>
<td>NAVA, STEVE</td>
<td>MCC-10</td>
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</table>

#### Social Science

**SOSC 97W: Topics in Social Sciences**

Unit(s): 1  ||  Hours: One hour lecture for each unit of credit (12 hours total for each unit of credit per quarter).  ||  Repeatability: (Any combination of Social Sciences 97W, 97X, 97Y and 97Z may be taken up to six times for credit, not to exceed 18 units, as long as the topics are different each time.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** Topics in the social sciences that deal with one or more of the political, sociological, legal, cultural, psychological, historical, and/or economic aspects of our contemporary world.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tr>
<td>10202</td>
<td>SOSC-097W-01</td>
<td>Topics in Social Sciences</td>
<td>10:00 AM-11:50 AM Th</td>
<td>BREITER, SALAMANDER</td>
<td>L22</td>
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</table>

#### Spanish

**SPAN 1: Elementary Spanish (First Quarter)**
Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  Materials Fee: $3.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Introduction to the language and cultures of Spanish-speaking world areas. Speaking, listening, reading and writing language skills at the first level of elementary Spanish are developed within the framework of language as a fundamental expression of culture. Spanish is the primary language of instruction. Language laboratory practice and/or assignments, at home and/or in the language lab, are an integral part of instruction supporting the development of language skills in the areas of pronunciation, structure, syntax, and oral communication.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<tr>
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<td>ABRICA-CARRASCO, RUBEN</td>
<td>L65</td>
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<tr>
<td>00964</td>
<td>SPAN-001-.03</td>
<td>Elementary Spanish (First Quarter) (CLAS)</td>
<td>03:00 PM-05:15 PM</td>
<td>MTWTh</td>
<td>TOLENTINO, ANA</td>
<td>L66</td>
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</table>

**SPAN 2: Elementary Spanish (Second Quarter)**

Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  Materials Fee: $3.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Spanish 1 (equivalent to one year of high school Spanish) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Development of elementary language skills for oral and written communication using language structures and functions targeted for the second level of elementary Spanish. Spanish is the primary language of instruction. Speaking, listening, reading and writing skills at the second level of elementary Spanish will be developed within the framework of language as a fundamental expression of culture, with continued presentation of the cultures of Spanish-speaking world areas. Language laboratory practice and/or assignments at home and/or in the language lab, are an integral part of instruction supporting the development of language skills in the areas of pronunciation, structure, syntax, and oral communication.

<table>
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<tr>
<th>CRN</th>
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<th>Title</th>
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**SPAN 3: Elementary Spanish (Third Quarter)**

Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  Materials Fee: $3.00  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Spanish 2 (equivalent to two years of high school Spanish) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Development of elementary language skills for oral and written communication using language structures and functions targeted for the third level of elementary Spanish. Spanish is the working language. Focus is on greater structural accuracy and communicative competence within the framework of language as a fundamental aspect of culture. Language laboratory practice and/or assignments at home and/or in the language lab are an integral part of instruction, supporting the development of language skills in the areas of pronunciation, structure, syntax and oral communication.

<table>
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<tr>
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<td>DURAN BEZAK, MARIA</td>
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</table>

****** Speech/Communication

**Important Department Information:** Some courses in this department have recommended competencies. These are determined by placement tests. Students who have not taken placement tests or who are unsure of their scores should contact the Testing Office at (408) 864 8717.

<table>
<thead>
<tr>
<th>CRN</th>
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<td>Public Speaking (CLAS)</td>
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<td>Public Speaking (CLAS)</td>
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<td>CANO, ROYCE</td>
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<td>SPCH-001-.04</td>
<td>Public Speaking (CLAS)</td>
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<td>00986</td>
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<td>WOODS, MATTHEW</td>
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</table>
### SPCH 7: Intercultural Communication

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Materials Fee: $3.00  
Also Listed As: (Also listed as Intercultural Studies 7. Students may enroll in either department, but not both, for credit.)  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.  
**Course Description:** Study of intercultural communication in domestic and global contexts. Examines how differing cultures, languages, and social patterns influence the way members of groups relate among themselves and with members of other ethnic and cultural groups. Emphasizes development of interpersonal skills for communicating effectively across cultures and encourages appreciation of diverse cultural voices.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>L4</th>
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<tbody>
<tr>
<td>SPCH 007-02</td>
<td>Intercultural Communication (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
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<td>GUEVARA, JORGE</td>
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<td>SPCH 007-03</td>
<td>Intercultural Communication (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
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<td>GUEVARA, JORGE</td>
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<td>SPCH 007-01</td>
<td>Intercultural Communication (CLAS)</td>
<td>06:00 PM-08:25 PM</td>
<td>TTh</td>
<td>GUEVARA, JORGE</td>
<td>L32</td>
</tr>
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</table>

### SPCH 8: Argumentation and Critical Inquiry in Oral Communication

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Materials Fee: $1.50  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A; Speech Communication 1 or 10.  
**Course Description:** Prepare students to confidently, responsibly, and effectively engage in public and private discourse. Practice in the principles of critical inquiry, advocacy, and debate including analysis of propositions, research and testing evidence, advancing reasoned positions, and defending and refuting claims.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>L4</th>
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</thead>
<tbody>
<tr>
<td>SPCH 008-01</td>
<td>Argumentation and Critical Inquiry in Oral Communication (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TTh</td>
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<td>L49</td>
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</table>

### SPCH 10: Fundamentals of Oral Communication

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Materials Fee: $1.50  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.  
**Course Description:** An introduction to the basic principles and methods of oral communication with emphasis on improving speaking and listening skills in the multicultural contexts of interpersonal, small group, and public communication.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>SPCH 010-01</td>
<td>Fundamentals of Oral Communication (CLAS)</td>
<td>07:30 AM-09:55 AM</td>
<td>TTh</td>
<td>PAYNE, JANELL</td>
<td>L48</td>
</tr>
<tr>
<td>01122 SPCH 010-02</td>
<td>Fundamentals of Oral Communication (CLAS)</td>
<td>07:30 AM-09:55 AM</td>
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<tr>
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<td>10:00 AM-12:25 PM</td>
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<tr>
<td>00997 SPCH 010-04</td>
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<td>S35</td>
</tr>
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<td>00998 SPCH 010-05</td>
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<td>L45</td>
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<tr>
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<td>TTh</td>
<td>AVERA, JOSHUA</td>
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<td>L22</td>
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<td>01001 SPCH 010-61</td>
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<td>MW</td>
<td>TEDFORD, KRISTIN</td>
</tr>
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</table>

### SPCH 15: Critical Decision-Making in Groups

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Materials Fee: $1.50  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5; Speech 1 or 10.  
**Course Description:** Study in communication and critical decision making in the context of effective group problem solving with an emphasis on principles of evidence, logic, and reasoning. Application of group discussion and management concepts along with methods of problem solving to understanding different points of view in an increasingly diverse and interconnected global society.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>L4</th>
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</thead>
<tbody>
<tr>
<td>SPCH 015-01</td>
<td>Critical Decision-Making in Groups (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TTh</td>
<td>HAMILTON, DAVID</td>
<td>L43</td>
</tr>
</tbody>
</table>

### SPCH 77X: Special Individual Projects in Speech Communication

Unit(s): 2  
Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  
Repeatability: (Any combination of Speech Communication 77, 77X and 77Y may be taken up to six times for credit, not to exceed 15 units, as long as the projects are different each time.)  
Formerly: (Formerly Speech 40, 40X, 40Y and 40Z respectively.)  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** Prerequisite: Consent of instructor and division dean. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.  
**Course Description:** Specific projects related to the topic of speech communication.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Time</th>
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<tr>
<td>SPCH 077X-65R</td>
<td>Special Individual Projects in Speech Communication (LAB)</td>
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## Special Education

### SPED 226V: Work Adjustment

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<th>Time</th>
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<tr>
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<td># SPED-226V-01F</td>
<td>Work Adjustment (LAB)</td>
<td>10:00 AM-02:15 PM</td>
<td>Starts: 07/02/2012 Ends: 09/08/2012 F</td>
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### SPED 226W: Work Adjustment

<table>
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<td>Work Adjustment (LAB)</td>
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<td>10701</td>
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### SPED 228Y: Work Adjustment

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### SPED 227V: Vocational Training

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<th>CRN</th>
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<td>Vocational Training (LAB)</td>
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### SPED 227Y: Vocational Training

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<td>HOPE</td>
</tr>
<tr>
<td>10696</td>
<td># SPED-227Y-01F</td>
<td>Vocational Training (LAB)</td>
<td>08:00 AM-02:20 PM</td>
<td>Starts: 07/02/2012 Ends: 09/08/2012</td>
<td>SHEIRICH, MONICA</td>
<td>HOPE</td>
</tr>
</tbody>
</table>
SPED 245: Technology Access for Special Needs Students (Windows)
Unit(s): 2  ||  Hours: Four hours lecture-laboratory (48 hours total per quarter).  ||  Materials Fee: $1.00  ||  Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)  ||  Formerly: (Formerly Special Education 145.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Letter Grade

Requisites: Requisite/Advisory: None.
Course Description: Development of basic skills in the use of computer access technologies to enhance the disabled student's ability to access and use microcomputer technology.

10270  SPED-245/-01  Technology Access for Special Needs Students (Windows) (CLAS)  10:00 AM-12:25 PM  MTW  CHENOWETH, WAYNE  AT203

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SPED 290X: Technology Access Practice for Special Needs Students
Unit(s): 0 1/2  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Repeatability: (Any combination of 290X and 290Y may be repeated as needed to meet the Student Educational Contract (Title 5, section 56029).)  ||  Formerly: (Formerly Special Education 190X and 190Y respectively.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Pass/Fail

Requisites: Prerequisite: Special Education 240 or consent of instructor.
Course Description: Individualized development of skills in the analysis and use of assistive technology in an adapted microcomputer laboratory.

10272  SPED-290X-55  Technology Access Practice for Special Needs Students (LAB)  TBA  TBA  CHENOWETH, WAYNE  AT203

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SPED 290Y: Technology Access Practice for Special Needs Students
Unit(s): 1  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Repeatability: (Any combination of 290X and 290Y may be repeated as needed to meet the Student Educational Contract (Title 5, section 56029).)  ||  Formerly: (Formerly Special Education 190X and 190Y respectively.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Pass/Fail

Requisites: Prerequisite: Special Education 240 or consent of instructor.
Course Description: Individualized development of skills in the analysis and use of assistive technology in an adapted microcomputer laboratory.

10310  SPED-290Y-01  Technology Access Practice for Special Needs Students (LAB)  TBA  TBA  CHENOWETH, WAYNE  AT203

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***** Theatre Arts

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THEA 1: Appreciation of Theatre
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $4.00  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: An introduction to theatre from an audience perspective. Study of elements of dramatic art form and play production, including dramatic theory, language, space, plot, characterization, technical theatre, acting, directing, playwriting, design, and the relationship with other art forms. Includes drama written from diverse cultural and historical perspectives. Attendance at assigned performances required.

01015  THEA-001/-01  Appreciation of Theatre (CLAS)  10:00 AM-12:25 PM  MTW  STIMSON, ELIZABETH  G3

THEA 20A: Theory and Technique of Acting (Introduction)
Unit(s): 3  ||  Hours: Six hours lecture-laboratory (72 hours total per quarter).  ||  Materials Fee: $4.00  ||  Repeatability: (Any combination of Theatre Arts 20A, 20B and 20C may be taken up to six times for credit for the family of courses.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Basic theory and techniques of acting. An examination of the actor's range of choices within the framework of scenarios and improvisation. A beginning analysis of acting styles and methods from diverse cultural and historical perspectives.

10613  THEA-020A-01  Theory and Technique of Acting (Introduction) (CLAS)  12:30 PM-04:20 PM  TWTh  SCHWARTZ, NEIL  G3

10638  THEA-020A-61  Theory and Technique of Acting (Introduction) (CLAS)  06:00 PM-09:50 PM  TWTh  SCHWARTZ, NEIL  G3

THEA 20B: Theory and Technique of Acting (Modern Period)
Unit(s): 3  ||  Hours: Six hours lecture-laboratory (72 hours total per quarter).  ||  Materials Fee: $4.00  ||  Repeatability: (Any combination of Theatre Arts 20A, 20B and 20C may be taken up to six times for credit for the family of courses.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Theatre Arts 20A.
Course Description: A continued study of the acting process, including extensive participation in the performance of contemporary dramatic scripts from diverse theatre traditions.

10614  THEA-020B-01  Theory and Technique of Acting (Modern Period) (CLAS)  12:30 PM-04:20 PM  TWTh  SCHWARTZ, NEIL  G3
THEA 20C: Theory and Technique of Acting (Classic Period)
Unit(s): 3  ||  Hours: Six hours lecture-laboratory (72 hours total per quarter).  ||  Materials Fee: $4.00  ||  Repeatability: (Any combination of Theatre Arts 20A, 20B and 20C may be taken up to six times for credit for the family of courses.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Theatre Arts 20A. Advisory: Theatre Arts 20B.
Course Description: A continuation of acting study including extensive participation in the performance of selected scenes from classic period plays of diverse theatre traditions.

***** Women's Studies

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>
| WMST 1: Introduction to Women's Studies
| Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $3.00  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.
Course Description: An examination of the varying positions of women in society, emphasizing the diverse nature of women’s experiences. Includes investigation of family, work, embodiment, popular culture, and social movements. Focuses on power and gender roles and how they vary for women and men of different racial, ethnic, class, national and sexuality groups.

| WMST 8: Women of Color in the USA
| Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Materials Fee: $3.00  ||  Also Listed As: (Also listed as Intercultural Studies 8. Students may enroll in either department, but not both, for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: An interdisciplinary, multi perspective and comparative study of the experiences of women of color in the United States. The constructs of race, ethnicity, class, gender and sexuality as they relate to social institutions and national ideologies will be explored. Examination and analysis of the historical, political, and economic influences that have informed the relationships between women of color and white women in the U.S.A, is foundational to this course.

Course Notes (Summer): WMST-008-61Z. Online Course. Students much have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/
At De Anza College, we are committed to improving and sustaining our environment. That’s why we

- Created and adopted a Sustainability Management Plan, the first of its kind in a community college
- Built LEED-certified green buildings, including the Kirsch Center for Environmental Studies, the Visual & Performing Arts Center, the Student & Community Services Building, the Science Center and the Mediated Learning Center (under construction)
- Promote public transit with the new VTA bus stop located on campus
- Provide recycling bins campuswide for paper, plastic and glass
- Buy produce from local organic farmers, and collect fruit and vegetable trimmings for our on-campus composting site; Dining Services provides biodegradable paper products and utensils
- Installed a photovoltaic, solar parking shade system on the Stelling Parking Structure that helps offset our electricity consumption
- Made renovations to the Campus Center, Fujitsu Planetarium and Administration buildings with recycled and recyclable materials and low-volatile organic compound (VOC) paints, carpets and tiles
- Use paper supplies containing 100% post-consumer recycled content; Custodial Services uses toxic-free cleaning agents
- Landscape the grounds with native and drought-tolerant plants; no pesticides are used

Get the most current class schedule information!
Visit our online searchable schedule, updated constantly with available classes.

See www.deanza.edu/schedule for Just What You Need

To serve you better with up-to-the-minute class info, support the college’s commitment to sustainability, and respond to budget cuts, we no longer print the schedule.