

De Anza College

Date: 08-31-2025

| Phys. Science, Math, Eng. |
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| ASTR - Astronomy |
| PSLO No PSLOs |
| CHEM - Chemistry |
| PSLO No PSLOs |
| ENGR - Engineering |
| PSLO No PSLOs |
| GEOG - Geography |
| PSLO No PSLOs |
| MATH - Mathematics |
| <p>AST_Associate in Science in Mathematics for Transfer</p> <ul style="list-style-type: none"> • Be prepared for successful entry into upper division courses in mathematics <p>COCE_Bridge to Precalculus</p> <ul style="list-style-type: none"> • Evaluate real-world situations by applying linear, quadratic and exponential function models appropriately • Distinguish between and manipulate linear, quadratic and exponential models • Demonstrate sound algebraic techniques by applying proper mathematical notation to problems involving algebraic and transcendental functions • Demonstrate sound algebraic techniques by applying proper mathematical notation to trigonometric problems <p>COCE_Bridge to Statistics</p> <ul style="list-style-type: none"> • Demonstrate mathematical concepts, skills, and numeracy needed for understanding Probability and Statistics • Evaluate real-world situations and distinguish between and apply linear and exponential function models appropriately • Analyze, interpret, and communicate results of linear and exponential models in a logical manner • Organize sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data <p>COCE_Math Basic Skills</p> <ul style="list-style-type: none"> • Demonstrate mathematical concepts, skills and numeracy • Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems • Evaluate real-world situations and distinguish between and apply linear and quadratic function models • Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational and discrete function models appropriately • Analyze, interpret and communicate results of exponential, logarithmic and rational models in a logical manner from four points of view - visual, formula, numerical, and written <p>COCE_Math Skills for Business</p> <ul style="list-style-type: none"> • Evaluate real-world situations by applying linear, quadratic and exponential function models appropriately • Distinguish between and manipulate linear, quadratic and exponential models • Analyze, interpret and communicate results of linear and exponential models in a logical manner • Demonstrate sound algebraic techniques by applying proper mathematical notation to problems involving algebraic and transcendental functions |

- Organize sample data by constructing or evaluating tables, graphs, and numerical measures of characteristics of data

COCE_Precalculus Bridge

- Evaluate real-world situations by applying linear, quadratic and exponential function models appropriately
- Distinguish between and manipulate linear, quadratic and exponential models
- Demonstrate sound algebraic techniques by applying proper mathematical notation to problems involving functions
- Demonstrate sound algebraic techniques by applying proper mathematical notation to trigonometric problems

MET - Meteorology**PSLO**

No PSLOs

PHYS - Physics**PSLO**

No PSLOs

STAT - Statistics**PSLO**

No PSLOs