

Energy Management and Building Science	COURSE	DESCRIPTION	UNITS	QUARTER OFFERED	Potential Student Schedule
Effective September 2020					
Certificate of Achievement (COA)				(Projected)	
	ES 4	Energy, the Environment & Society	4	F, W, SP, SU	Any
	ES 58	Intro to Green Building	1	F,W,SP,SU	Any
	ES 64	Climate Change Mitigation/CA	4	F,SP	F
	ES 69	Energy Mgmt w/ I Your Org	1	SP	SP
	ES 70	Intro to Energy	1	W,SU	W
	ES 71	Intro to Sustainable Buildings	1	F,SP	F
	ES 76	Energy Star	1	SP	SP
	ES 78	Energy Management Systems & Controls	1	W	W
	ES79	Renewable Energy Systems	1	W, SP	W
	ES 81	LEED/ Building Codes	2	W	W
	ES 82	Proj Mgmt & Report Writing Energy Prof	2	F	F
	ES 83	Energy Management ROI	2	F	F
Total Units for COA			21		
Certificate of Achievement- Advanced	ES 51A	Sustainable Energy Systems	4	F	Prereq= ES 70, ES 79.....W
	ES 51B	Energy Efficient Buildings	3	SP	Prereq= ES 71.....SP
	ES 51C	Building Automation Systems	2	SP	Prereq= ES 78.....SP
	ES 69A	Intro to Facility Management	3	SP	SP
	ES 76A	Solar Thermal Systems	1	SP	SP
Total Units for COA-A			13		
Total units for COA/COA-A			34		
ASSOCIATE DEGREE					
COMPLETE					
ANY 18 UNITS	CIS 3	BUSINESS INFORMATION SYSTEMS	4.5	F,W,SP, SU	
	CIS 79	MANAGING TECH PROJECTS	4.5	F	
	ES 1	INTRO TO ENVIRONMENTAL STUDIES	4	F,W,SP,SU	
	ES 50	INTRO TO ENV RESOURCE MGMT/POLLUTION PREVENTION	4	F	
	ES 61B	ERM/PP; ENERGY, CHEMICALS AND WASTE	4	SP	
	ES 62C	ENV MGMT TOOLS; ESA's	4	SP	
	ES 62D	ENV MGMT TOOLS: INDUSTRIAL ECOLOGY/ SUST DESIGN	4	SP	
	ES 95	INTRO TO ENVIRONMENTAL CAREERS	1	W, SP	Either Qtr
	ESCI 1	ENVIRONMENTAL SCIENCE	4	F,W,SP,SU	
	MATH 109, OR	INTERMEDIATE MATH FOR STATISTICS	4	F,W,SP	
	MATH 114 OR	COLLEGE MTH PREP LEVEL 3- ALGEBRA	4	F,SP	
	MATH 130	INTERMEDIATE ALGEBRA FOR PRECALCULUS	5	F,SP	
	MET 10	WEATHER AND CLIMATE PROCESSES	5	F, W, SP	
	PHYS 10	CONCEPTS OF PHYSICS	5	F,W,SP	
Effective September 2020					

OFFERED ONLY ONCE EACH ACADEMIC YEAR