PROGRAMS

ENVIRONMENTAL ENGINEERING TECHNOLOGY (A40150)

Engineering and Technology Pathway: These curriculums are designed to prepare students through the study and application of principles from mathematics, natural sciences, and technology and applied processes based on these subjects.

Course work includes mathematics, natural sciences, engineering sciences and technology.

Graduates should qualify to obtain occupations such as technical service providers, materials and technologies testing services, engineering technicians, construction technicians and managers, industrial and technology managers, or research technicians.

Environmental Engineering Technology: A course of study that prepares students to use mathematical and scientific principles to modify, test, and operate equipment and devices used in the prevention, control and remediation of environmental problems and development of environmental remediation devices. Includes instruction in environmental safety principles, environmental standards, testing and sampling procedures, laboratory techniques, instrumentation calibration, safety and protection procedures, equipment maintenance, and report preparation.

Associate in Applied Science Degree Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-115	Success & Study Skills	0	2	1
BPR-130	Print Reading-Construction	3	0	3
CEG-115	Intro to Tech & Sustainability	2	3	3
CEG-115A	Tech & Sustainability Lab	0	3	1
CEG-210	Construction Mtls & Methods	2	3	3
EGR-110 or EGR-150	Intro to Engineering Tech or Intro to Engineering	1	2	2
ENG-111	Writing and Inquiry	3	0	3
***	Technology Elective	1-3	0-2	2-3
	Credit Hours	**12-14**	**13-15**	**18-19**
Second Semester (Spring)				
CEG-111	Intro to Gis and Gnss	2	4	4
CEG-235	Project Management/Estimating	2	3	3
EGR-120	Eng and Design Graphics	2	2	3
ENG-112 or ENG-114	Writing/Research in the Disc or Prof Research & Reporting	3	0	3
MAT***	MAT-121 or MAT-171	2-3	2	3-4

		Course Hours Per Week		Semester Hours
	Credit Hours	**11-12**	**11**	**16-17**
Third Semester (Summer)				
EGR-251	Statics	2	2	3
SRV-110	Surveying I	2	6	4
***	Social/Beh Science Elective	3	0	3
	Credit Hours	**7**	**8**	**10**
Fourth Semester (Fall)				
CEG-211	Hydrology & Erosion Control	2	3	3
CIV-111	Soils and Foundations	2	4	4
SRV-111	Surveying II	2	6	4
SST-140	Green Bldg & Design Concepts	3	0	3
***	Humanities/Fine Arts Elective	3	0	3
	Credit Hours	**12**	**13**	**17**
Fifth Semester (Spring)				
CEG-212	Intro to Environmental Tech	2	3	3
CEG-230	Subdivision Planning & Design	1	6	3
CHM-151	General Chemistry I	3	3	4
ENV-226	Environmental Law	3	0	3
	Credit Hours	**9**	**12**	**13**
Total Required Minimum Semester Hours Credit				74

Technology Electives:		Class	Lab	Credit
CIS-111	Basic PC Literacy	1	2	2
EGR-125	Appl Software for Tech	1	2	2
UAS-110	Intro to UAS Operations	3	0	3
UAS-115	Small UAS Certification	2	0	2

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