

ENVIRONMENTAL AND ENERGY TECHNOLOGIES - ASSOCIATE OF APPLIED SCIENCE

(67-68 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must receive a final grade of C- or better in all required TCEN courses/Technical Requirements/Electives and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 67 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Semester 1		Credits
FALL		
Area IV: Social/Behavioral Sciences		3
ECON 1110G	Survey of Economics	
TCEN 101	Energy for the Next Generation	3
TCEN 105	Building Analyst I	3
TCEN 106	Building Analyst II	3
Elective		3
Credits		15

Semester 2		Credits
SPRING		
DRFT 151 or BCT 110	Construction Principles and Print Reading or Blueprint Reading for Building Trades	3-4
ELT 105	Basic Electricity and Electronics	3
TCEN 110	Photovoltaic Application	4
TCEN 156	Building Envelope	3
TCEN 205	NEC for Alternative Energy	4
Credits		17-18

Semester 3		Credits
SUMMER		
Area II: Mathematics		3
MATH 1220G	College Algebra	
Credits		3

Semester 4		Credits
FALL		
Area I: Communications - English Composition Level 1		4
ENGL 1110G	Composition I	
Area III: Laboratory Sciences		4

PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab	
BCIS 1110 or OECS 105 or OECS 215	Introduction to Information Systems or Introduction to Information Technology or Spreadsheet Applications	3
OETS 102	Career Readiness Certification Preparation	1
Elective		3
Credits		15
Semester 5		
SPRING		
Area III: Laboratory Sciences		4
CHEM 1120G or CHEM 1215G	Introduction to Chemistry Lecture and Laboratory (non majors) or General Chemistry I Lecture and Laboratory for STEM Majors	
General Education Elective - Area I: Communications		3
ENGL 2210G or COMM 1115G or COMM 1130G	Professional & Technical Communication or Introduction to Communication or Public Speaking	
BCT 101	Introduction to Construction I	2
BCT 102	Introduction to Construction II	2
BCT 217 or ARCH 1112	Building and the Environment or Global Issues and Sustainability	3
Elective		3
Credits		17
Total Credits		67-68