

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 Construction Principles and Print Reading or BCT 110 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	Credits	
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 Honors or COMM 1130G	Professional and 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	Building and the Environment	3
Elective		3
Credits		17
Total Credits		67-68