

SUSTAINABLE ENERGY ENGINEERING

Academic Planning Form for Students Beginning Fall 2024 Onwards

Name: _____ Student ID: _____ Date: _____

COURSE SEQUENCING

Sustainable Energy Engineering students are recommended to follow the schedule as closely as possible so that prerequisites are met for the following terms. Courses are shown in the term in which they are typically offered. Consequences of deviating from this schedule are the responsibility of the student.

YEAR 1: TERM 1, FALL

SEE 110 (3) <i>Energy, Environment & Society</i> SEE 100 (3) <i>Engineering Graphics & Software for Design</i> MATH 151 (3) OR 150 (4) <i>Calculus I or Calculus I with Review</i> PHYS 140 (4) <i>Mechanics & Modern Physics</i>	SEE 111 (4) <i>Integrated Energy Solution I</i> MATH 152 (3) <i>Calculus II</i> MATH 232 (3) <i>Applied Linear Algebra</i> PHYS 141 (4) <i>Optics, Electricity & Magnetism</i>	SEE 221 (4) <i>Statics & Mechanics of Materials</i> SEE 230 (4) <i>Electric Circuits</i> MATH 251 (3) <i>Calculus III</i> MATH 260 (3) <i>Intro to Ordinary Differential Equations</i>
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YEAR 2: TERM 4, FALL

YEAR 2: TERM 5, SPRING

YEAR 2: TERM 6, SUMMER

SEE 101W (3) <i>Process, Form & Convention in Professional Genres</i> CMPT 130 (3) <i>Intro to Computer Programming I</i> COMPLEMENTARY ELECTIVE (B-HUM) REM 350 (4) <i>Energy Management for a Sustainable Climate and Society (B-soc)</i>	SEE 224 (3) <i>Thermodynamics for Energy Engineering</i> SEE 225 (4) <i>Fluid Mechanics</i> CHEM 121 (4) or CHEM 122 (2) and CHEM 126 (2) <i>General Chemistry & Lab I or General Chemistry II & General Chemistry Lab II</i> CMPT 135 (3) <i>Intro to Computer Programming II</i>	SEE 324 (3) <i>Heat & Mass Transfer for Energy Engineering</i> SEE 351 (3)
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