RENEWABLE ENERGY

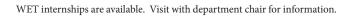## WIND ENERGY TECHNOLOGY (WET)

Associate of Applied Science
64 Hours

General Education Required Courses — 19 cr

Communication Requirement — 6
  CM101 English Composition I (3 cr) **or**
    CM120 Survey of Technical Writing (3)
  CM115 Public Speaking (3 cr) **or**
    CM240 Interpersonal Communication (3 cr)

Humanities Requirement   *(1 area required)* — 3
  Art   Humanities
  Music   Literature
  Theatre   Philosophy
  Foreign Language   History

Mathematics Requirement — 3
  MA104 Technical Math (3 cr) **or**
    MA110 Intermediate Algebra (3 cr) **or**
    Mathematics General Education Course

Natural Science Requirement — 4
  SC107 Meteorology (4 cr)

Social/Behavioral Science Requirement — 3
  SS101 General Psychology (3 cr)

Required Wind Courses — 39 cr

Course	Title	cr
SC109	Applied Physics	3
WE100	Introduction to Wind Energy	3
WE105	Employability Skills, Safety, & Blueprint Reading	3
WE110	Electrical Theory	3
WE120	Hydraulics	3
WE150	Mechanical Systems	3
WE210	Electronics	3
WE225	Motors, Generators, PLC's	3
WE230	Substation & Voltage Regulation	3
WE240	GIS/GPS	3
WE250	Data Acquisition & Communications	3
WE255	Airfoils and Composite Repair	3
*WE265	Field Training & Project Operations	3

Elective Courses — 6 cr

Course	Title	cr
CS140	Introduction to Robotics	3
CS155	Networking & Computer Technology	3
SE100	Introduction to Solar Energy	3
UA100	Introduction to sUAS	3
UA110	sUAS Ground School	3
WE260	Wind Turbine Siting	3
WE270	Transformer Theory	3
WE280	Wind Energy Technology Internship	3-4

WET internships are available. Visit with department chair for information.

*Must have a physical on file prior to enrolling in this course.