

# Programs of Study - Career

## WIND ENERGY

### WIND ENERGY TECHNOLOGY

*Associate in Applied Science Degree*

*Required General Education Courses (19 credits)*

CM101	English Composition I <b>or</b> CM120 Survey of Technical Writing .....	3
MA110	Intermediate Algebra.....	3
CM115	Public Speaking.....	3
SS101	General Psychology.....	3
SC107	Meteorology.....	4
Humanities	Elective.....	3

*Required Major Courses (45 credits)*

CS155	Networking & Computer Technology.....	3
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
WE250	Data Acquisition & Communication.....	3
WE255	Airfoils and Composite Repair.....	3
WE260	Wind Turbine Siting <b>or</b> WE240 GIS/GPS.....	3
WE265	Field Training & Project Operations.....	3
WE270	Transformer Theory.....	3

WET Internships are available. Please see Department Chair for information.

### WIND ENERGY TECHNOLOGY

*33 Hour Certificate*

*Required General Education Courses (6 credits)*

CM101	English Composition I <b>or</b> CM120 Survey of Technical Writing.....	3
MA110	Intermediate Algebra.....	3

*Required Major Courses (27 credits)*

CS155	Networking & Computer Technology.....	3
WE100	Introduction to Wind Energy.....	3
WE110	Electrical Theory.....	3
WE120	Hydraulics.....	3
WE150	Mechanical Systems.....	3
WE210	Electronics.....	3
WE225	Motors, Generators, & PLCs.....	3
WE230	Substation & Voltage Regulation.....	3
WE265	Field Training & Project Operations.....	3

WET Internships are available. Please see Department Chair for information.

