RENEWABLE ENERGY

Wind Energy Technology
33-Hour Certificate

General Education Required Courses   6 cr

Communication Requirement   *3*
    CM101 English Composition I (3 cr) **or**
    CM120 Survey of Technical Writing (3 cr)

Mathematics Requirement   *3*
    MA110 Intermediate Algebra (3 cr) or
    Mathematics General Education Course

Required Wind Energy Courses   21 cr

WE100	Introduction to Wind Energy	3
WE110	Electrical Theory	3
WE120	Hydraulics	3
WE150	Mechanical Systems	3
*WE210	Electronics	3
*WE225	Motors, Generators, PLC's	3
*WE265	Field Training & Project Operations	3

Elective Courses   6 cr

CS155	Networking & Computer Technology	3
SE100	Introduction to Solar Energy	3
UA100	Introduction to sUAS	3
*WE230	Substation & Voltage Regulations	3
*WE250	Data Acquisition & Communication	3
WE255	Airfoils and Composite Repair	3
WE280	Wind Energy Technology Internship	1-4

*Must have admittance to Wind Program to enroll in these courses or permission from Department Chair.