Renewable Energy

Wind Energy Technology
16-Hour Certificate

General Education Required Courses	3 cr
CM101 English Composition (3 cr) **or**	3
CM120 Survey of Technical Writing (3 cr) **or**	
MA104 Technical Math (3 cr) **or**	
MA110 Intermediate Algebra (3 cr) **or**	
Mathematics General Education Course	

Required Wind Energy Courses	3 cr
WE100 Introduction to Wind Energy	3

Elective Courses	10 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
WE110 Electrical Theory	3
WE120 Hydraulics	3
WE150 Mechanical Systems	3
WE210 Electronics	3
WE225 Motors, Generators, PLC's	3
WE250 Data Acquisition & Communications	3
WE255 Airfoils and Composite Repair	3
*WE265 Field Training & Project Operations	3
WE280 Wind Energy Technology Internship	1-4

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