

# RENEWABLE ENERGY

Associate of Science

62 Hours

## Required General Education Courses 32 cr

*Communication Requirement* 9

- CM101 English Composition I (3 cr)
- CM102 English Composition II (3 cr)
- CM115 Public Speaking (3 cr) **or**
- CM240 Interpersonal Communications (3 cr)

*Humanities Requirement (2 areas required)* 6

- Art Humanities
- Music Literature
- Theatre Philosophy
- Foreign Language History

*Mathematics Requirement* 3

- Mathematics General Education Course

*\*Natural Science Requirement* 8

- SC103 Physical Science (5 cr) **or**
- SC104 Geology (4 cr)
- SC107 Meteorology (4 cr)

*\*The biological science requirement is waived.*

*Social/Behavioral Science Requirement (2 areas required)* 6

- Economics Anthropology
- Psychology Political Science
- Sociology Geography

## Required Renewable Energy Courses 12 cr

- SE100 Introduction to Solar Energy 3
- UA100 Introduction to sUAS 3
- WE100 Introduction to Wind Energy 3
- WE110 Electrical Theory 3

## Elective Courses 12 cr

### Business

- BE100 Introduction to Business 3
- BE152 Salesmanship 3
- BE154 Business Law 3
- BE155 Marketing 3
- BE160 Business Accounting 3
- BE170 Business Statistics 3
- BE185 Human Resource Management 3
- BE188 Principles of Advertising 3
- BE210 Leadership Development 3
- EC101 Principles of Macroeconomics 3
- EC102 Principles of Microeconomics 3
- MG101 Management Principles 3
- MG102 Introduction to Entrepreneurship 3

### Political Science and History

- HI122 US History I 3
- HI123 US History II 3
- SS130 Introduction to Sociology 3
- SS140 U.S. Government: National 3
- SS141 U.S. Government: State and Local 3

SS142 Current Political Issues 3

### Energy Technology

- WE210 Electronics 3
- WE240 GIS/GPS 3
- WE255 Airfoils & Composite Repair 3

### Additional Electives

- CS108 Computer Applications 3
- CS155 Networking & Computer Technology 3
- MA114 Elementary Statistics 3
- SC109 Applied Physics 3

## Open Electives 6 cr

