

2016 Renewable Energy Technology

One-Year Certificate			Two-Year AAS Degree		
Year 1 Quarter 1 Fall	Year 1 Quarter 2 Winter	Year 1 Quarter 3 Spring	Year 2 Quarter 1 Fall	Year 2 Quarter 2 Winter	Year 2 Quarter 3 Spring
DC Circuits EET 111 5 credit +Lab	AC Circuits EET 112 5 credit +Lab	AC Power EET 113 5 credit +Lab	Semiconductor Devices/Circuits EET 221 5 credits +Lab	Op Amp Circuits EET 222 5 credits	Industrial Controls EET 273 3 credits
Mechanical Power I MEC 121 5 credits +Lab	Hydraulics MEC 120 5 credits +Lab (hydraulics for wind)	Mechanical Power II MEC 122 5 credits +Lab	Digital Electronics 1: Programmable Logic Devices EET 251 5 credits +Lab	Digital Electronics 2: Programmable Logic Devices EET 252 5 credits +Lab	Microcontroller Systems EET 242 5 credits
Industrial Safety/ OSHA 10 SAF 188 2 credit	Intro to wind Turbine Operations RET 101 2 credits	Motor Controls EET 141 5 credits +Lab	RET Elective (see attached) 4 credits	Programmable Logic Controllers EET 219 3 credits + lab	Power Generation RET 223 5 credits +Lab
Intermediate Algebra MTH 95 4 credits	English Composition WR 121 4 credits	Psychology & Human Relations PSY 101 4 credits	General Education Elective 4 credits	General Education Arts & Humanities 4 credits	General Education Lab Science or Math 4 credits
Alternate Energy Resources RET 102 1 credit	Job Finding Skills CG 209 1 credit				
	PhysEd PE 182H 1 credit				
17	18	19	18	17	17

2016 Renewable Energy Technology

Program prerequisites:

- Completion of MTH 65 (Beginning Algebra II) with a “B” or better or scoring into MTH 95 (Intermediate Algebra) or higher on college placement test.
- Completion of WR 115 (Intro to Expository Writing) with a “C” or better or scoring into WR 121 (college-level writing) or higher on college placement test.
- Completion of RD 115 (College Reading) with a “C” or better or scoring out of reading on college placement test.

RET Elective Choices

ART 231	Drawing	3 cr
CH 121	General Chemistry	5 cr
CH 122	General Chemistry	5 cr
CH 123	General Chemistry	5 cr
EMS 105	EMT Part I	5 cr
EMS 120	Emergency Medical Services: First Responder	3 cr
JPN 101	First Year Japanese	5 cr
JPN 102	First Year Japanese	5 cr
JPN 103	First Year Japanese	5 cr
JPN 201	Second Year Japanese	5 cr
JPN 202	Second Year Japanese	5 cr
JPN 203	Second Year Japanese	5 cr
MTH 111	College Algebra	5 cr
MTH 112	Elementary Functions	5 cr
MTH 243	Statistics I	5 cr
MTH 251	Calculus	5 cr
	Any Environmental Science course	4 cr
	Any Geology course	3-4 cr
	Any General Science course	4 cr
SPA 101	First Year Spanish-First Term	4 cr
SPA 102	First Year Spanish-Second Term	4 cr
SPA 103	First Year Spanish-Third Term	4 cr
SPA 201	Second Year Spanish-First Term	4 cr
SPA 202	Second Year Spanish-Second Term	4 cr
SPA 203	Second Year Spanish-Third Term	4 cr
WR 227	Technical Writing	4 cr
WLD 190	Basic Welding	2 cr
BA 203	Introduction to International Business	3 cr
BA 206	Management Fundamentals	3 cr
BA 224	Human Resource Management	3 cr
BA 226	Business Law	4 cr
BA 101	Introduction to Business	4 cr