



All   notated courses complete the Career Pathway Certificate (CPC) built into the AAS

COMPLETE THE FOLLOWING GENERAL ED REQUIREMENTS (13)

ENGLISH:

WR-101: Communication Skills: Occupational Writing (3)


MATH:

MTH-050: Technical Mathematics I (4) 







HUMAN RELATIONS RELATED INSTRUCTION: Complete (3) credits

Please refer to page 82 of the catalog for a list of approved courses.



PE/HEALTH/SAFETY RELATED INSTRUCTION:

MFG-107: Industrial Safety & First Aid (3) 



COMPLETE THE FOLLOWING WELDING TECHNOLOGY CORE REQUIREMENTS (75-76)

GEO-130: Intro to Environmental Geography (4)	OR	GEO-100: Intro to Physical Geography (4)	<input type="checkbox"/>
OR GIS-201: Intro to Geographic Information Systems (3)	OR	GEO-110: Cultural & Human Geography (4)	<input type="checkbox"/>
EET-139: Principles of Troubleshooting I 	(2)		
EET-239: Principles of Troubleshooting II	(2)		
EET-233: Programmable Logic Controllers I	(3)		
IMT-104: Reading Schematics and Symbols	(2)		
IMT-215: Electromechanical Systems I	(2)		
IMT-223: Instrumentation & Controls	(3)		
MET-170: Introduction to Manufacturing Processes	(3)		
MFG-103: Machining for Fabrication & Maintenance 	(3)		
MFG-109: Computer Literacy for Technicians	(3)		
MFG-130: Basic Electricity I 	(3)		
MFG-131: Basic Electricity II	(3)		
MFG-140: Principles of Fluid Power	(3)		
MFG-209: Programming & Automation for Manufacturing	(3)		
MFG-221: Materials Science	(3)		
MTH-080: Technical Mathematics II	(3)		
RET-200: Renewable Energy Systems 	(4)		
RET-209: Renewable Energy I: Energy Efficiency 	(3)		
RET-211: Renewable Energy II: System Fundamentals	(3)		
RET-213: Renewable Energy III: Installation & Maintenance	(3)		
RET-215: Renewable Energy IV: Systems Design	(3)		
RET-217: Renewable Energy Capstone Project	(3)		
RET-240: Alternative Fuels	(4)		
RET-280: Renewable Energy/CWE	(4)		
WLD-150: Welding Processes  or WLD-102 for CPC	(4)		

PROGRAM ELECTIVES: COMPLETE (9) CREDITS OF RENEWABLE ENERGY TECHNOLOGY ELECTIVES

This may consist of any course with a CDT, EET, ERM, GIS, MET, MFG, RET, SM, OR WLD prefix not included in the program. (i.e. MFG-104 , MET-170 )

Completed Electives	

 Total Credits for Energy Systems Maintenance Technician CPC: 25-27*
 *6-8 credits of program electives required.
 Elective choices are marked 

[Look at Potential Jobs](#)

All Career Pathway Certificate credits apply to the AAS but can lead to an industry recognized credential or certificate before completing the AAS

Total Credits Required for AAS: 97-98

Check out [Career Coach](#) to see the many different job outlooks for all the CCC degree and certificates.

CCC offers stackable credentials to an AAS degree. The **Career Pathway Certificates** complete the first step. There are also **One Year Certificates** imbedded into many AAS degrees that complete the next step before completing the AAS. Talk with your advisor for more info about all the certificate programs CCC offers.