

Advanced Manufacturing Career Pathways

Advanced Manufacturing Core Certificate
CMAE Credits 8
OR
MSSC Certified Production Technician (CPT) Credential

- CMAE 1522: Quality Practices (2)
- CMAE 1514: Safety Awareness (2)
- CMAE 1526: Maintenance Awareness (2)
- CMAE 1518: Manufacturing Process & Production (2)

Credit for Prior Learning will be awarded if taken non-credit and received MSSC Certified Production Technician Credential

On-The-Job Opportunities
Registered Apprenticeship
Dual Training

Industry Credentials



American Welding Society Certified Welder
Industry Credential

Advanced Automated Manufacturing Technician Diploma
Adv. Manufacturing Core Certificate 8
Diploma Credits 24
Total Credits 30

Industrial & Energy Plant Maintenance Diploma
Diploma Credits 45
Total Credits 45

Electrical Construction & Maintenance Technology Diploma
Diploma Credits 75
Total Credits 75

Welding Technology Diploma
Industry Credential
Diploma Credits 36
Total Credits 36

Energy Technical Specialist AAS Degree
IEPM Diploma 45
General Education 15
Total Credits 60

Energy Technical Specialist - Nuclear AAS Degree
IEPM Diploma 45
General Education 30
Total Credits 75

Electrical Construction & Maintenance Technology AAS Degree
ECMT Diploma 75
General Education 6
Total Credits 81

EMPLOYMENT