

CAREER PATHS: ADVANCED MANUFACTURING

| | PRODUCTION | PROCESS DEVELOPMENT | QUALITY ASSURANCE | MAINTENANCE |
|---------------------------------------|--|---|---|---|
| High School or HSE | Operators & Tenders Assemblers, Solderers & Brazers | No High Growth High School or HSE Level Occupations in this Pathway | Inspectors, Testers Sorters, Samplers, & Weighers | Operators & Tenders Assemblers, Machinery Maintenance Workers |
| Full Certificate or Diploma (1-2 Yrs) | Welders | Computer-Aided Designers | Quality Assurance Control Techs | Industrial Machinery Mechanics, Electricians, Welders |
| Associate Degree (2 Yrs) | Computer Numeric Controlled (CNC) Machinist | No High Growth Associate Level Occupations in this Pathway | Non-Destructive Examination Technicians | Integrated Systems Techs, Engineering Techs (Mechatronics, Mechanical) |
| BA/BS (4 Yrs) | Engineers (Industrial, Manufacturing, Sales) | Continuous Improvement Specialists, Engineers (Industrial, Sales, Manufacturing, Design) Cost Accountants, Project Managers, | Engineers (Manufacturing) Industrial Production Managers | Engineers (Electrical, Mechanical) |
| Master's/Doctoral Professional Degree | No High Growth Post-Graduate Occupations in this Pathway | No High Growth Post-Graduate Occupations in this Pathway | No High Growth Post-Graduate Occupations in this Pathway | No High Growth Post-Graduate Occupations in this Pathway |