Montana University System Degree and Program Inventory: [http://www.homepage.montana.edu/~mus/drginv/](http://www.homepage.montana.edu/~mus/drginv/)

Your Guide to Montana’s Certificate and Associate Degree Programs: [http://mus.edu/twoyear/YourGuide.html](http://mus.edu/twoyear/YourGuide.html)

### MSU Two Year Colleges and Programs:
- City College MSUB—Billings (CC); Great Falls College MSU—Great Falls (GFC); Helena College UM—Helena (HC) Highlands College MT Tech—Butte (HC-Tech); Missoula College UM—Missoula (MC); Gallatin College MSU—Bozeman (GC)

### Community Colleges:
- Dawson Community College (DCC)
- Flathead Valley Community College (FVCC)
- Miles Community College (MCC)

### Tribal Colleges:
- Aaniiih Nakoda College (ANC); Blackfeet Community College (BCC); Chief Dull Knife College (CDKC); Fort Peck Community College (FPCC); Little Big Horn College (LBHC); Stone Child College (SCC); Salish Kootenai College (SKC)

### Four Year Colleges/Universities:
- MSU—Bozeman; MSUB—Billings; MSUN—Havre; MT Tech—Butte; UM—Missoula; UMW—Dillon

#### HELENA COLLEGE UNIVERSITY OF MONTANA PROGRAMS
[http://www.umhelena.edu](http://www.umhelena.edu)

### PROFESSIONAL CERTIFICATE
- Requires diploma or HiSET
- Industry-recognized certification requires state or national exam
- Typically non-credit
- Complete in one year or less

### APPRENTICESHIP
- Requires diploma or HiSET
- Must be at least 18
- Minimum 2,000 hours of supervised experience

### CERTIFICATE OF APPLIED SCIENCE
- Requires diploma or HiSET
- 39 credits; including 9 general education credits
- Complete in one year

### ASSOCIATE OF APPLIED SCIENCE DEGREE
- Requires diploma or HiSET
- 69-71 credits; includes 9 general ed credits
- Complete in two years *(if prepared academically in math and English)*

### BACCALAUREATE DEGREE
- Requires 4-year college prep for admission
- 128 credits (approximately)
- Complete in four years

### Cluster Overview:
Jobs in the manufacturing career cluster involve planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities, such as production planning and control, maintenance, and manufacturing/process engineering.

### Pathway Options:
- Production
- Manufacturing & Production Process Development
- Maintenance, Installation and Repair
- Quality Assurance
- Logistics and Inventory Control
- Health, Safety and Environmental Assurance

### Occupation Examples:
Assembler, MIG Welder, TIG Welder, Machine Operator, Sheet Metal Worker, Mechanical Engineer, Industrial Engineer, Quality Control Technician, Safety Technician, Safety Engineer, Dispatcher, Production Manager, Purchasing Agent, Logistician

For a complete listing, go to: [http://online.onetcenter.org/find/career?c=13&q=Go](http://online.onetcenter.org/find/career?c=13&q=Go)