Occupational Program courses are specific to each major and may not be transferable. This list shows a few courses in each area but is not a complete list. If you are interested in pursuing a degree in one of these majors, you should work with a Schoolcraft Academic Advisor from the start.

### Manufacturing and Technology

- **Advanced Manufacturing**
  - MFG 102, MFG 103, ENGR 100, CAD 120
- **Biomedical Technology**
  - CIS 171, CNT 115, ELECT 137, ENG 101, BIOL 105
- **Computer Aided Design**
  - CAD 120, CAD 130, MFG 102, MATH 102, ENGR 100, QM 107
- **Computer Information Systems**
  - CIS 115, CIS 120, CIS 129, CIS 171, CNT 115, See SC Advising about specific CIS programs
- **Electronic Technology**
  - ELECT 131, ELECT 137, ENG 101
- **Engineering Technology**
  - ENGR 100, CIS 120, MATH 102 or MATH 113, CAD 120
- **Mechatronics Technology**
  - MECH 101, MECH 111, MECH 131, ROBAT 101, MATH 113, MFG 102, ELECT 131, ELECT 137, CAD 120
- **Metallurgy and Materials Science**
  - MET 103, CHEM 104, MATH 102, CIS 120
- **Plastic Technology**
  - PLAST 130, PLAST 131, QM 106, MFG 102, MATH 102
- **Welding/Robotic Welding**
  - WELD 110, WELD 113, WELD 115, WELD 119, MATH 102

### Healthcare and Health Sciences

- **Coding Specialist**
  - BIOL 101, BIOL 236, HIT 104, CIS 120
- **Diagnostic Medical Sonography**
  - HIT 100, MATH 102 or MATH 113, BIOL 236 or BIOL 237 and BIOL 238, COMA 103, DMS 100, PHYS 123
- **Emergency Medical Technology**
  - BIOL 101, BIOL 236
- **Health Information Technology**
  - HIT 104, BIOL 101, BIOL 236, CIS 120, ENG 101
- **Medical Assisting**
  - BIOL 105, HIT 104, MA 115, MA 134, MA 140, CIS 120
- **Medical Imaging**
  - HIT 100 OR HIT 104, MATH 102 OR MATH 113, BIOL 101, BIOL 236, COMA 103, PHYS 123
- **Nursing**
  - BIOL 236 or BIOL 237 and BIOL 238, PSYCH 201, MATH 111 OR MATH 113 OR MATH 122, ENG 101, General Education HUM course
- **Nursing Assistant**
  - NATP 115 and up to 10 credits from the following: BIOL 236 or BIOL 237 and BIOL 238, PSYCH 201, MATH 111 OR MATH 113 OR MATH 122, ENG 101, General Ed HUM course
- **Pharmacy Technician**
  - PHT 102, PHT 104
- **Movement Science**
  - BIOL 101, BIOL 237, PE 111, ENG 101, PE 112, PSYCH 153
- **Radiologic Technology**
  - HIT 100, RAD 100, MATH 102 or MATH 113, BIOL 236 or BIOL 237 and BIOL 238, RAD 105, PHYS 123

### Culinary Arts

- **Culinary Arts**
  - CUL 102, ENG 101, PSYCH 153, General Education HUM course
- **Culinary Baking and Pastry Arts**
  - CUL 102

### Public Safety

- **Criminal Justice**
  - CJ 102, CJ 113, CJ 210, COMA 103, ENG 101, COR 110, SOC 201
- **Fire Technology**
  - ENG 100 OR ENG 101, FIRE 101, FIRE 112, FIRE 119, FIRE 125, PSYCH 153, HS 202, BIOL 101 OR Other Science
- **Homeland Security**
  - CJ 102, CJ 113, CJ 210, HS 101, ENG 101, POLS 105

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Many of the courses listed require a prerequisite. Students should work closely with their high school counselor and a Schoolcraft Academic Advisor to ensure academic readiness.

*These programs have a minimum age requirement of 18 years and/or high school graduation requirements that must be met prior to taking additional classes in these programs. **Minimum age of 16 years to enroll in course.*