SHSM

SPECIALIST HIGH SKILLS MAJOR

REQUIREMENTS CHEAT SHEET
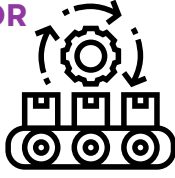
Manufacturing

1. REQUIRED CREDITS
(Bundle of Credits)

- [ ] 4 Manufacturing major credits (Gr. 11 & 12)
- [ ] 1 English credit (Gr. 11 or 12)
- [ ] 1 Math credit (Gr. 11 or Gr. 12)
- [ ] 1 Science or additional Co-op credit (Gr. 11 or 12)
- [ ] 2 Cooperative education credits (Gr. 11 or 12)

For the workplace pathway:
2 English credits (Gr. 11 & Gr. 12), 1 Math credit (Gr. 11 or Gr. 12), 2 Cooperative education credits (Gr. 11 or 12)

2. CERTIFICATION WORKSHOPS
(Sector-recognized certifications & training)

COMPULSORY
Must complete the following:

- [ ] Cardiopulmonary Resuscitation (CPR) Level C- includes automated external defibrillation (AED)
- [ ] Standard First Aid
- [ ] Workplace Hazardous Materials Information System (WHMIS) - generic (i.e., not site-specific) instruction

ELECTIVES
Must complete three (or more) of the following:

- [ ] Advanced training in a technique
- [ ] Advanced training in a technology
- [ ] Anti-oppression & allyship training
- [ ] Basic electrical safety
- [ ] Basic Safety Orientation
- [ ] Canadian Welding Bureau - flat
- [ ] Computer-aided design & manufacturing (CAD/CAM)
- [ ] Confined space awareness
- [ ] Customer service
- [ ] Elevated work platforms
- [ ] Fall protection
- [ ] Fire safety & fire extinguisher use
- [ ] First aid/CPR/AED awareness
- [ ] Handling dangerous substances
- [ ] Health & safety -basic
- [ ] Hoisting & rigging
- [ ] Infection control
- [ ] Leadership skills
- [ ] Lean Manufacturing
- [ ] Lockout/tagging
- [ ] Personal protective equipment - manufacturing
- [ ] Portfolio development
- [ ] Project management
- [ ] Propane safety
- [ ] Safe lifting
- [ ] Scaffold safety
- [ ] Sector-specific software 1
- [ ] Sector-specific vehicle operation & safety
- [ ] Specialized skills training program/competition
- [ ] Transportation of dangerous goods
- [ ] Working at Heights

3. EXPERIENTIAL LEARNING
(And career exploration activities)

Do at least one. Examples?

- [ ] Job Shadowing
- [ ] 1-2 Weeks in the field
- [ ] Other unique experiences

4. REACH AHEADS
(Experiences to try out your path)

Attend at least one. Examples?

- [ ] Career panel or speaker
- [ ] Interview with current students or employees
- [ ] Campus or job site visit

5. SECTOR-PARTNERED EXPERIENCE (SPE)
(Industry-relevant activities)

Do at least one of these trainings:

- [ ] Industry-relevant coding
- [ ] Industry-relevant mathematical literacy
- [ ] I.C.E. (Innovation, Creativity, & Entrepreneurship) Training

Beanstalk does this stuff.

beanstalk CREATIVE

SHSM requirements can change. Always confirm with your teacher.