

SHSM

SPECIALIST HIGH SKILLS MAJOR

REQUIREMENTS
CHEAT SHEET



Construction

1

REQUIRED CREDITS (Bundle of Credits)

- 4 Construction major credits (Gr. 11 & 12)
- 1 English credit (Gr. 11 or 12)
- 2 Math credits (Gr. 11 & Gr. 12)
- 1 Business studies or Science or additional Co-op credit (Gr. 11 or 12)
- 2 Cooperative education credits (Gr. 11 or 12)

For the workplace pathway:

4 Construction major credits (Gr.11 & Gr.12), 2 English credits (Gr.11 & Gr. 12), 1 Math credit (Gr. 11 or 12), 1 Business studies or Science or additional Co-op credit (Gr. 11 or 12), 2 Co-op credits (Gr. 11 or Gr. 12).

2

CERTIFICATION WORKSHOPS (Sector-recognized certifications & training)

COMPULSORY

Must complete the following:

- Cardiopulmonary Resuscitation (CPR) Level C- includes automated external defibrillation (AED)
- Health and safety - basic
- Standard First Aid
- Workplace Hazardous Materials Information System (WHMIS) - generic (i.e., not site-specific) instruction
- Working at Heights

ELECTIVES

Must complete two (or more) of the following:

- | | |
|--|--|
| <input type="checkbox"/> Advanced training in a technique | <input type="checkbox"/> Land surveying basics |
| <input type="checkbox"/> Advanced training in a technology | <input type="checkbox"/> Leadership skills |
| <input type="checkbox"/> Anti-oppression & allyship training | <input type="checkbox"/> Lockout/tagging |
| <input type="checkbox"/> Basic electrical safety | <input type="checkbox"/> Ozone-depletion prevention |
| <input type="checkbox"/> Canadian Welding Bureau (CWB) - flat | <input type="checkbox"/> Portfolio development |
| <input type="checkbox"/> Chainsaw safety | <input type="checkbox"/> Powder-actuated tools |
| <input type="checkbox"/> Computer-aided design & manufacturing (CAD/CAM) | <input type="checkbox"/> Project management |
| <input type="checkbox"/> Confined space awareness | <input type="checkbox"/> Propane in construction |
| <input type="checkbox"/> Customer Service | <input type="checkbox"/> Scaffold safety |
| <input type="checkbox"/> Elevated work platforms | <input type="checkbox"/> Sector-specific software 1 |
| <input type="checkbox"/> Energy efficiency training | <input type="checkbox"/> Sector-specific vehicle operation & safety |
| <input type="checkbox"/> Fall protection | <input type="checkbox"/> Specialized skills training program/competition |
| <input type="checkbox"/> Fire safety & extinguisher use | <input type="checkbox"/> Suspended Access Equipment |
| <input type="checkbox"/> First aid/CPR/AED awareness | <input type="checkbox"/> Traffic control |
| <input type="checkbox"/> Hoisting and rigging | <input type="checkbox"/> Trench safety |
| <input type="checkbox"/> Infection control | |
| <input type="checkbox"/> Insulated concrete forming | |

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