

# CONSTRUCTION

## **SPECIALIST HIGH SKILLS MAJOR (SHSM)**

Are you interested in the Skilled Trades and the Construction Industry?

Are you looking for a competitive edge to get a job or to enrol in a college or university program in this field or start an apprenticeship?

Do you enjoy getting out of the classroom and experiencing first-hand what you just learned about?

If you answered “Yes” to any of the above questions, read on . . .

### **What are the advantages of earning a SHSM in CONSTRUCTION?**

- Employment in the Construction sector has boomed in recent years and there are actual *labour shortages* in this sector now and projected for the future!
- You select a bundle of 11 required credits focused on knowledge and skills that are *valued by the Construction sector*.
- Possible post-secondary pathways include college programs such as Crane Operation, Rigging and Construction Techniques OR university degree programs such as Construction Management OR any one of the 42 Construction Apprenticeships in Ontario.
- You will explore, identify, and refine career goals and make more informed decisions about your postsecondary *options within the Construction sector*.
- You will have *access to resources, equipment, and experiences* not always available in a traditional classroom or course.

### **What are the required components for the SHSM in the Environment?**

- 11 required Grade 11 and 12 credits (see the chart on the next page)
  - 4 “construction major” credits
  - 2 English credits
  - 2 Math credits – 1 credit must be in grade 12
  - 1 Business Studies or Science Credit
  - 2 co-operative education credits
- 7 certifications and training courses
  - 5 Compulsory (First Aid, CPR, WHMIS, Working at Heights, Health & Safety Basic)
  - 2 Electives (Elevated Work Platforms, Working from Heights, Chainsaw Certification)
- experiential learning activities (conferences, construction sector trade show)
- “reach ahead” experiences connected with the student’s postsecondary pathway (e.g. class trip to Fleming’s Peterborough Campus, Presentation from Local Union)
- Sector-Partnered Experience (SPE) an experiential activity that will be delivered with a sector partner and have an experiential and assessment component.



## PROGRAM PATHWAYS

The Construction SHSM at Courtice SS	Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12
Major credits (need 4)	Choose 4: TCJ3E1 TCJ4E1 TEJ3M1 TEJ4M1 THJ3E1 TMJ4E1 TMJ3E1 TTJ4C1 TTJ3C1		Choose 4: TCJ3E1 SPH4C1 TEJ3M1 TCJ4E1 TEJ4M1 TMJ4E1 TTJ4C1		Choose 4: SPH3U1 SPH4U1 TCJ3E1 TCJ4E1 TEJ3M1 TEJ4M		Choose 4: TCJ3E1 TCJ4E1 THJ3E1 TMJ4E1 TMJ3E1	
English (need 2)	NBE3C1	ENG 4C1	NBE3C1	ENG4C1	NBE3U1	ENG4U1	NBE3E1	ENG4E1 OLC4OL
Math (need 2)	MBF3C1 MEL3E1	MAP4C1 MEL3E1 MCT4C1	MBF3C1 MCF3M1	MAP4C1 MCT4C1	MCF 3M1 MCR 3U1	MCV4U1 MDM4U1 MHF4U1	MEL 3E1	MEL 4E1
Business (need 1)	BDI3C1 BMI3C1 BAF3M1 ICS3C1 SBI3C SVN3M1	BAT4M1 BBB4M1 BOH4M1 ICS4C1 SCH4C1 SPH4C1	BDI3C1 BMI3C1 BAF3M1 ICS3C1 SBI3C1 SVN3M1	BAT4M1 BBB4M1 BOH4M1 ICS4C1 SCH4C1 SPH4C1	BAF3M1 ICS3U1 SBI3U1 SCH3U1 SPH3U1 SVN3M1	BAT4M1 BBB4M1 BOH4M1 SBI4U1 SCH4U1 SPH4U1	SVN3E1	OLC4OL
Co-op credits (need 2)	2 Credit Co-op tied to SHSM Sector		2 Credit Co-op tied to SHSM Sector		2 Credit Co-op tied to SHSM Sector		2 Credit Co-op tied to SHSM Sector	