



**HAMILTON-
WENTWORTH**
DISTRICT
SCHOOL
BOARD

Specialist High Skills Major (SHSM) Construction

Quick Fact Sheet



1. CREDITS AND PATHWAYS

Credits	Apprenticeship Training		College		University		Workplace	
	Gr 11	Gr 12	Gr 11	Gr 12	Gr 11	Gr 12	Gr 11	Gr 12
Construction Major	2	2	2	2	2	2	2	2
English		1		1		1	1	1
Mathematics	1	1	1	1	1	1	1	
Business or Science	1		1		1		1	
Cooperative Education	2		2		2		2	
Total	10		10		10		10	

The above credits must be selected from the following lists:

Grade 11 Construction Major (select 2)

TCJ3C1 Grade 11 Construction
 TDJ3M1 Grade 11 Tech Design
 TWJ3E1 Grade 11 Custom Woodworking
 or
 TCJ3C2 Grade 11 Pre Apprenticeship Construction (2 credit)

Grade 12 English (select 1)

ENG4U1 Grade 12 University English
 ENG4C1 Grade 12 College English
 ENG4E1 Grade 12 Workplace English
 ENG3E1 Grade 11 Workplace English

Cooperative Education (2 credits)

2 credits in cooperative education tied to ANY credit in the SHSM bundle as long as the placement is within the sector

Grade 12 Construction Major (select 2)

TCJ4C1 Grade 12 Construction
 TDJ4M1 Grade 12 Tech Design
 TWJ4E1 Grade 12 Custom Woodworking
 or
 TCJ4E2 Grade 12 Pre Apprenticeship Construction (2 credit)

Grade 11 or 12 Business or Science (select 1)

BDI3C1 Grade 11 Entrepreneurship
 BMI3C1 Grade 11 Marketing
 BAF3M1 Grade 11 Accounting
 BDI3C1I Grade 11 Entrepreneurship, Fr. Imm
 SCH3U1 Grade 11 Chemistry, University
 SPH3U1 Grade 11 Physics, University
 SVN3E1 Grade 11 Environmental Science
 SVN3M1 Grade 11 Environmental Science
 BAT4M1 Grade 12 Accounting
 BBB4M1 Grade 12 International Business
 BOH4M1 Grade 12 Business Leadership
 SCH4U1 Grade 12 Chemistry, University
 SPH4U1 Grade 12 Physics, University
 SCH4C1 Grade 12 Chemistry, College

Grade 11 and 12 Mathematics (select 1 of each)

MBF3C1 Grade 11 College Math
 MCF3M1 Grade 11 College/University Math
 MCR3U1 Grade 11 Functions, University
 MEL3E1 Grade 11 Math for Everyday Life
 MAP4C1 Grade 12 College Math
 MCT4C1 Grade 12 Math for College Technology
 MDM4U1 Grade 12 Data Management, University
 MHF4U1 Grade 12 Advanced Functions, Univ.
 MCV4U1 Grade 12 Calculus and Vectors, Univ.
 MEL4E1 Grade 12 Math for Work and Life

2. SECTOR-RECOGNIZED CERTIFICATIONS AND TRAINING

Five (5) Compulsory				
Cardio-Pulmonary Resuscitation (CPR) Level A	Fall Protection	Generic instruction about Workplace Hazardous Materials Information System (WHMIS)	Health and Safety – Basic	Standard First Aid
Two (2) Electives (from the list below)				
Chainsaw Safety	Confined Space Awareness	Electrical Safety	Elevated Work Platforms	
Energy Efficiency Training	Hoisting and Rigging	Insulated Concrete Forming	Lift Truck Safety	
Personal Protective Equipment – Construction	Powder – Actuated Tools	Propane in Construction	Scaffold Safety	
Suspended Access Equipment	Traffic Control	Trenching Safety		

3. EXPERIENTIAL LEARNING ACTIVITIES

- ✓ Planned learning activities that take place outside the traditional classroom setting
- ✓ Can include job shadowing (day long observation of a skilled tradesperson), job twinning (observation of a coop student), work experience (one or two week work placement), virtual work experience and coop

4. REACH AHEAD ACTIVITIES

- ✓ Must be connected with the post-secondary destination of the student
- ✓ Will have an assignment or task associated with it

5. ONTARIO SKILLS PASSPORT

- ✓ Development of skills and work habits required in the sector
- ✓ Primarily developed through the coop placement