



Construction SHSM St. Mary's H.S.



Courses listed below will count toward your SHSM designation in any Pathway
(APPRENTICESHIP, COLLEGE, UNIVERSITY, or WORKPLACE)

Choose 4 Major Credits related to Construction Sector

Minimum one Grade 11 & one Grade 12 credit AND two credits from Grade 11 or Grade 12 (one of which can be an additional Co-op Credit)

Major Credits in Grade 11		Major Credits in Grade 12	
Visual Arts	AVI3M	Visual Arts	AVI4M
Applied Design	AWD3M	Applied Design	AWD4M
Physics	SPH3U	World Issues	CGW4C, CGW4U
Construction Technology	TCJ3E	Interdisciplinary Studies	IDC4U
Technological Design	TDJ3M	Physics	SPH4C, SPH4U
Computer Engineering	TEJ3M	Construction Technology	TCJ4E
Green Industries	THJ3E	Design Technology	TDJ4M
Manufacturing	TMJ3C, TMJ3E	Computer Engineering	TEJ4M
Transportation	TTJ3C	Manufacturing Technology	TMJ4C, TMJ4E
Woodworking	TWJ3E	Transportation Technology	TTJ4C
		Woodworking Technology	TWJ4E
Dual Credit Courses include: Basic Design A and B, HRAC, Welding, CNC Programming, Electrical Fundamentals, Intro to Mechatronics, Masonry, Plumbing Fundamentals, and a variety of Level 1 OYAP programs. See your Guidance Counselor for more information			

Choose 1 English Credit if you are in the Apprenticeship, College or University Pathway OR

2 English Credits if you are in the Workplace Pathway

ENG3C or ENG4C - English, College	ENG3U or ENG4U - English, University
ENG3E or ENG4E - English, Workplace/Apprenticeship	OLC40 - Ontario Secondary School Literacy Course

Choose 2 Math Credits if you are in the Apprenticeship, College or University Pathway OR

1 Math Credit if you are in the Workplace Pathway

Foundations for College Mathematics	MAP4C	Calculus and Vectors	MCV4U
Foundations for College Mathematics	MBF3C	Mathematics and Data Management	MDM4U
Functions & Applications	MCF3M	Mathematics for Work and Everyday Life	MEL3E
Functions	MCR3U	Mathematics for Work and Everyday Life	MEL4E
Mathematics for College Technology	MCT4C	Advanced Functions	MHF4U

Choose 1 Other Credit from the list below (or an additional Co-op Credit)

Accounting	BAF3M, BAT4M	Math - Workplace	MEL3E, MEL4E
International Business	BBB4M	Ontario Literacy Course	OLC40
Entrepreneurship	BDI3C	Biology	SBI3C, SBI3U, SBI4U
Marketing	BMI3C	Chemistry	SCH3U, SCH4C, SCH4U
Business Leadership	BOH4M	Earth and Space Science	SES4U
Information and Communication Technology: The Digital Environment	BTA30	Workplace Science	SNC4E
Learning Strategies	GLE4O, GLS4O	Physics	SPH3U, SPH4C, SPH4U
Computer Programming or Computer Science	ICS3C, ICS3U, ICS4C, ICS4U	Environmental Science	SVN3M

Choose a Construction-Focused Cooperative Education Experience (2 Credits)

Co-op Credits can be Regular Co-op, Summer Co-op, or UCEP, your Dual Credit program, or through Credits@Work at St. Louis. See Guidance for more information.

Total number of Credits needed: 9