

Manufacturing, Engineering, Robotics SHSM - Monsignor Doyle

Courses listed will count towards ANY pathway for SHSM (Apprenticeship, College, University, Workplace)



Credits can only be counted once; for example SPH4C cannot count as both a Major Credit AND an Other Credit

Major Credits			
ANY Combination of 4 Major Credits are required; up to 3 <i>ADDITIONAL</i> Co-op credits can count as Major Credits			
Major Credits in Grade 11		Major Credits in Grade 12	
Computer Science	ICS3C, ICS3U	Computer Science	ICS4C, ICS4U
Chemistry	SCH3U	Interdisciplinary Studies	IDC4U
Physics	SPH3U	Mathematics	MCV4U, MHF4U
Construction Technology	TCJ3C	Chemistry	SCH4C, SCH4U
Design Technology	TDJ3M	Physics	SPH4C, SPH4U
Computer Engineering	TEJ3M	Construction Technology	TCJ4E
Communications	TGJ3M	Design Technology	TDJ4M
Technology Transportation	TTJ3C	Computer Engineering	TEJ4M
Woodworking	TWJ3E	Communications Technology	TGJ4M
Manufacturing Engineering Technology	TMJ3M	Transportation Technology	TTJ4C
		Woodworking	TWJ4E
		Manufacturing Engineering Technology	TMJ4M
Dual Credit Courses include: Basic Design A&B (AEL4T/AEF4T), Welding (TLA4T), Electrical (TNC4T), General Machining (TZH4T), Robotics (TIC4T), Mechatronics (TRS4T), and a couple OYAP Level 1 Programs. E-learning credits earned through PRISM may be eligible to fulfill major course requirements in your sector. See your Guidance Counselor for more information			

Co-op Credits
2 Co-op credits are the basic SHSM requirement
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.

Choose 1 Other Credit from the list below (or an <i>ADDITIONAL</i> Major OR Co-op Credit)			
Learning Strategies	GLE40, GLS40	Biology	SBI3C, SBI3U, SBI4U
Computer Science	ICS3C, ICS3U, ICS4C, ICS4U	Chemistry	SCH3U, SCH4C, SCH4U
Workplace Math	MEL3E, MEL4E	Physics	SPH3U, SPH4C, SPH4U
Ontario Literacy Course	OLC40		

English
Choose 1 English Credit
ENG3C or ENG4C - English, College
ENG3E or ENG4E - English, Workplace/Apprenticeship
ENG3U or ENG4U - English, University
NBE3C or NBE3U - Understanding Contemporary First Nations, Métis, & Inuit Voices
OLC40 - Ontario Secondary School Literacy Course

Mathematics	
Choose 1 Math Credit	
Calculus and Vectors	MCV4U
Foundations for College Mathematics	MBF3C, MAP4C
Functions	MCF3M, MCR3U, MHF4U
Mathematics and Data Management	MDM4U
Mathematics for College Technology	MCT4C
Mathematics for Work and Everyday Life	MEL3E, MEL4E