



## Manufacturing Specialist High Skills Major Course Options



<b>SHSM Major Credits</b> Must include at least 1 grade 11 and 1 grade 12 credit. Up to 3 credits may be substituted with additional sector related co-op credits.  Legend: E = workplace M = mixed C = college U = university T = dual credit
<b>English</b>
1 credit in grade 12
<b>Math</b>
<b>Business or Science</b>
May be substituted with one additional sector related co-op or major credit.
<b>Cooperative Education</b>
<b>Total Number of Credits</b>
<b>Dual Credits</b> can be used as a major credit

4 credits			
Grade 11		Grade 12	
ICS3U Intro to Computer Science	TMC3CR Computer Aided Manufacturing	ICS4U Computer Science	TDJ4O Tech Design in the 21st C.
SCH3U Chemistry	TMJ3E Manufacturing Tech	MCV4U Calculus and Vectors	TER4M Computer Eng Tech: Robotics
SPH3U Physics	TMW3E Welding	MHF4U Advanced Functions	TMJ4E Manufacturing Tech
TCJ3E Construction Tech	TTJ3C Transportation Tech - Auto	SCH4C Chemistry	TMW4E Welding
TDJ3O Tech Design & the Environment	TWJ3E Custom Woodworking	SCH4U Chemistry	TTJ4C Transportation Tech - Auto
TER3M Computer Eng Tech: Robotics		SPH4C Physics	TTJ4E Vehicle Maintenance
		SPH4U Physics	TWJ4E Custom Woodworking
		TCJ4E Construction Tech	
1 credit			
ENG4E English	ENG4C English	ENG4U English	OLC4O Ontario Literacy Course
1 credit			
Grade 11		Grade 12	
MBF3C Foundations for College Math	MCR3U Functions	MAP4C College & Apprenticeship Math	MDM4U Data Management
MCF3M Functions and Applications	MEL3E Math for Everyday Life	MCT4C Math for College Technology	MEL4E Math for Everyday Life
		MCV4U Calculus and Vectors	MHF4U Advanced Functions
1 credit			
Grade 11		Grade 12	
BAF3M Accounting	SBI3C Biology	BBB4M International Business	SCH4C Chemistry
BDI3C Entrepreneurial Studies	SBI3U Biology	BOH4MR Business Leadership	SCH4U Chemistry
ICS3U Intro to Computer Science	SCH3U Chemistry	GLE4O Advanced Learning Strategies	SES4U Earth and Space
MEL3E Math for Everyday Life	SPH3U Physics	ICS4U Intro to Computer Science	SNC4M Science
		MEL4E Math for Everyday Life	SPH4C Physics
		OLC4O Ontario Literacy Course	SPH4U Physics
		SBI4U Biology	
2 credits			
9 credits			
See your Guidance Counsellor for current list of Dual Credits available.			