

CONSTRUCTION SHSM - NEWMARKET HIGH SCHOOL

First Name:	Last Name:
Student Number:	Grade:

How many credits do I take in this section?	Course Options (A bundle of TEN courses is required)	Important notes to remember in this section...
4	<input type="checkbox"/> AVI3M - Visual Arts <input type="checkbox"/> AVI4M - Visual Arts <input type="checkbox"/> AWD3M - Visual Arts: Visual Design- Film/ Photography <input type="checkbox"/> AWD4M - Visual Arts: Visual Design- Film/ Photography <input type="checkbox"/> CGW4U - World Issues: A Geographic Perspective <input type="checkbox"/> CO-OP- Cooperative Education <input type="checkbox"/> HLS3O - Housing and Home Design* <input type="checkbox"/> IDC4U - Interdisciplinary Studies: Building Financial Securities <input type="checkbox"/> SPH3U - Physics <input type="checkbox"/> SPH4C - Physics <input type="checkbox"/> SPH4U - Physics <input type="checkbox"/> TCE3E - Construction Technology: Electrical/Network Cabling <input type="checkbox"/> TCJ3C - Construction Engineering Technology <input type="checkbox"/> TCJ4C - Construction Engineering Technology <input type="checkbox"/> TDJ3M - Technological Design <input type="checkbox"/> TDJ4M - Technological Design <input type="checkbox"/> TMJ3E - Manufacturing Technology <input type="checkbox"/> TMJ4E - Manufacturing Technology	<input type="checkbox"/> Courses in this section are called <u>"MAJOR CREDITS"</u> <input type="checkbox"/> You need at least one credit at the Grade 11 level <input type="checkbox"/> You need at least one credit at the Grade 12 level <input type="checkbox"/> Many Dual Credit Courses, offered through the YRDSB's Dual Credit Program, also count in this category <input type="checkbox"/> Additional co-op credits can be used to satisfy SUBJECT MAJORS *Courses offered every other year
2	<input type="checkbox"/> Grade 11 - Co-op <input type="checkbox"/> Grade 12 - Co-op <input type="checkbox"/> 4-credit Co-op	<input type="checkbox"/> Must be linked to a Major Credit course <input type="checkbox"/> If you take 4 credit co-op, 1 credit can be counted as a Major Credit OR Related Credit
2*	<input type="checkbox"/> MBF3C - College: Foundations for College Mathematics <input type="checkbox"/> MCF3M - University/College: Functions and Applications <input type="checkbox"/> MCR3U - University: Functions <input type="checkbox"/> MEL3E - Workplace: Mathematics for Work and Everyday Life <input type="checkbox"/> MAP4C - College: Foundations for College Mathematics <input type="checkbox"/> MCT4C - College: Mathematics for College Technology <input type="checkbox"/> MCV4U - University: Calculus and Vectors <input type="checkbox"/> MDM4U - University: Mathematics of Data Management <input type="checkbox"/> MEL4E - Workplace: Mathematics for Work and Everyday Life <input type="checkbox"/> MHF4U - University: Advanced Functions	<input type="checkbox"/> *For the apprenticeship training, college, and university pathways - 2 math courses. One credit must be in Grade 12. <input type="checkbox"/> *For the workplace pathway, one credit in Math.
1*	<input type="checkbox"/> ENG3C - College English <input type="checkbox"/> ENG3E - Workplace English <input type="checkbox"/> ENG3U - University English <input type="checkbox"/> NBE3C - Understanding Contemporary First Nations, Métis, and Inuit Voices, College English <input type="checkbox"/> NBE3E - Understanding Contemporary First Nations, Métis, and Inuit Voices, Workplace English <input type="checkbox"/> NBE3U - Understanding Contemporary First Nations, Métis, and Inuit Voices, University English <input type="checkbox"/> ENG4C - College English <input type="checkbox"/> ENG4E - Workplace English <input type="checkbox"/> ENG4U - University English <input type="checkbox"/> OLC4O - Ontario Secondary School Literacy Course	<input type="checkbox"/> *For the apprenticeship training, college, and university pathways - 1 English. <input type="checkbox"/> *For the workplace pathway, two English courses. One credit must be Grade 12.

1	<input type="checkbox"/> BAF3M - Accounting <input type="checkbox"/> BAT4M - Accounting <input type="checkbox"/> BMI3C - Marketing <input type="checkbox"/> BBB4M - International Business <input type="checkbox"/> BOH4M - Business Leadership <input type="checkbox"/> GLE4O - Learning Strategies <input type="checkbox"/> ICS3U - Computer Science <input type="checkbox"/> ICS4U - Computer Science <input type="checkbox"/> MEL3E - Workplace: Mathematics for Work and Everyday Life <input type="checkbox"/> MEL4E - Workplace: Mathematics for Work and Everyday Life <input type="checkbox"/> OLC4O - Ontario Secondary School Literacy Course <input type="checkbox"/> SBI3C - Biology <input type="checkbox"/> SBI3U - Biology <input type="checkbox"/> SBI4U - Biology <input type="checkbox"/> SCH3U - Chemistry <input type="checkbox"/> SCH4C - Chemistry <input type="checkbox"/> SCH4U - Chemistry <input type="checkbox"/> SES4U - Earth and Space Science <input type="checkbox"/> SNC4M - Science <input type="checkbox"/> SPH3U - Physics <input type="checkbox"/> SPH4C - Physics <input type="checkbox"/> SPH4U - Physics	<input type="checkbox"/> One credit needed in either Grade 11 or Grade 12 <input type="checkbox"/> Courses in this section are called <u>“Related Credits”</u>
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Certifications				
Compulsory (5)				
CPR level C with AED	WHMIS (through Co-op)	Health and Safety - Basic	Working at Heights	Standard First Aid
Electives (2)				
<ul style="list-style-type: none"> Advanced Training in a Technique Anti-oppression and Allyship Training Basic Electrical Safety Canadian Welding Bureau (CWB) - flat Chainsaw Safety Computer- aided Design and Computer- aided Manufacturing 	<ul style="list-style-type: none"> Confined- space Awareness Customer Service Elevated Work Platforms Energy Efficiency Training Fall Protection Fire Safety and Fire Extinguisher Use 	<ul style="list-style-type: none"> First Aid/CPR/ AED Awareness Hoisting and Rigging Infection Control Insulated Concrete Forming Land Surveying Basics Leadership Skills Lockout/ Tagging 	<ul style="list-style-type: none"> Ozone- Depletion Prevention Portfolio Development Powder- actuated Tools Project Management Propane in Construction Scaffold Safety Sector Specific Software 	<ul style="list-style-type: none"> Sector Specific Vehicle Operation and Safety Specialized Skills Training Program/ Competition (e.g., Skills Canada provincial level) Suspended Access Equipment Traffic Control Trenching Safety

Students in the SHSM program must also complete 1 experiential learning, 1 reach ahead, and 1 SPE:	
<input type="checkbox"/> Experiential learning and career exploration activities <input type="checkbox"/> “Reach Ahead” experiences	<input type="checkbox"/> Sector-partner experience (SPE) in: <ul style="list-style-type: none"> <input type="checkbox"/> Coding <input type="checkbox"/> Innovation, creativity and entrepreneurship <input type="checkbox"/> Mathematical literacy

Career Options		
<ul style="list-style-type: none"> Architects Bricklayers Carpenters Civil Engineers Concrete Finishers Construction Millwrights and Industrial Mechanics 	<ul style="list-style-type: none"> Construction Trades Helpers and Labourers Electrical and Electronics Engineers Electricians Heating, Refrigeration, and Air Conditioning Mechanics 	<ul style="list-style-type: none"> Home Building and Renovation Managers Mechanical Engineers Painters and Decorators (except interior decorators) Plumbers Roofers and Shinglers
And...so much more!		