

Aurora High School **Construction** Specialist High Skills Major Pathway Chart 2015/16



Apprenticeship Pathway		College Pathway		University Pathway		Workplace Pathway	
Some occupations: Carpenter, Brick & Stone Mason, Electrician, Plumber, Roofer, Heating & Air Conditioning Contractor, Construction Millwright, Sheet Metal Worker		Some occupations: Construction Manager, Civil Engineering Technologist, Architectural Design Technologist, Home Inspector, Interior Designer, Residential Home Builder or Renovator		Some occupations: Architect, Electrical Engineer, Mechanical Engineer, Structural Engineer, Civil Engineer		Some occupations: Concrete Finisher, Demolition Worker, Drywall Installer, Carpenter Helper, Helper – Construction Trades	
Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
Choose 2 or more Majors...	Choose 2 or more Majors...	Choose 2 or more Majors...	Choose 2 or more Majors...	Choose 2 or more Majors...	Choose 2 or more Majors...	Choose 2 or more Majors...	Choose 2 or more Majors...
TCJ3C/3E Construction Technology TDJ3M Technological Design TWJ3E Custom Woodworking (NOTE: College level Physics is offered every other year. You may need to select grade 12 college Physics while in grade 11)	TCJ4C/4E Construction Technology TDJ4M Technological Design TWJ4E Custom Woodworking SPH4C Physics Dual Credit College Accelerated OYAP Courses	TCJ3C Construction Technology TDJ3M Technological Design (NOTE: College level Physics is offered every other year. You may need to select grade 12 college Physics while in grade 11)	TCJ4C Construction Technology TDJ4M Technological Design SPH4C Physics Dual Credit College Courses	TDJ3M Technological Design SPH3U Physics	SPH4U Physics TDJ4M Technological Design CGW4U World Issues	TCJ3E Construction Technology TWJ3E Custom Woodworking	TCJ4E Construction Technology TWJ4E Custom Woodworking Dual Credit College Courses
ENG3C English OR ENG3E English	ENG4C* English OR ENG4E* English (*with CLA)	ENG3C English	ENG4C* English (*with CLA)	ENG3U English	ENG4U* English (*with CLA)	ENG3E* English (*with CLA)	ENG4E* English (*with CLA)
MBF3C* Foundations for College Mathematics MEL3E* Mathematics for Work and Everyday Life (*with CLA)	MAP4C* Foundations for College Mathematics OR MCT4C* Mathematics for College Technology (*with CLA)	MBF3C* Foundations for College Mathematics OR MCF3M* Functions & Applications (*with CLA)	MAP4C* Foundations for College Mathematics OR MCT4C* Mathematics for College Technology (*with CLA)	MCR3U* Functions OR MCF3M* Functions & Applications (*with CLA)	MHF4U* Advanced Functions OR MMCV4U* Calculus and Vectors OR MDM4U* Data Management (*with CLA)	MEL3E* Mathematics for Work and Everyday Life (*with CLA)	
1 Additional Credit in Science or Business Studies in Grade 11 or 12 with CLA		1 Additional Credit in Science or Business Studies in Grade 11 or 12 with CLA		1 Additional Credit in Science or Business Studies in Grade 11 or 12 with CLA		1 Additional Credit in Science or Business Studies in Grade 11 or 12 with CLA	
Cooperative Education 2 or 4 Credits: Apprenticeship placements recommended in grade 11 AND 12		Cooperative Education 2 Credits: recommended in grade 11, but may be taken in grade 12		Cooperative Education 2 Credits: recommended in grade 11		Cooperative Education 2 Credits: grade 11 or 12	
Electives CO-OP: Consider a second placement option Dual Credit: Courses at Humber College: Level 1 Plumber and Level 1 Electrician Course at George Brown College: Level 1 Refrigeration & Air Conditioning		Electives Dual Credit: Courses at Humber College: Level 1 Plumber Level 1 Electrician – Construction & Maintenance Course at George Brown College: Level 1 Refrigeration & Air Conditioning		Electives 2 nd /3 rd Math in grade 12 SCH3U SCH4U TEJ3M TEJ4M		Electives CO-OP: Consider a second co-op placement option	

Rust = Construction Major Credits

Blue = Other Required Credits

White = Additional Credits

***CLA: Contextualized Learning Activity** – SHSM students, with the support of the subject teachers, will prepare assignments integrating Construction into the course curriculum.

When choosing your courses, please consider all entrance requirements for your post-secondary plans: education, training, apprenticeship and/or job.

NOTE: ENROLMENT IN A FOUR CREDIT CO-OP WILL SUBSTITUTE ONE MAJOR CREDIT OR THE ADDITIONAL CREDIT