



PATHWAY	APPRENTICESHIPS		COLLEGE		UNIVERSITY		WORKPLACE	
CAREER OPTIONS	Auto Body Repairer, Automotive Service Technician, Farm Equipment Mechanic, Heavy Duty Equipment Technician, Marine Engine Mechanic, Motorcycle Technician, Parts Technician, Small Engine Mechanic, Truck & Coach Technician		Air Pilot, Industrial Engineering Technician, Marine Engine Technician, Mechanical Engineering Technologist, Navigation Officer – Water Transport, Transportation Manager		Aerospace Engineer, Automotive Engineer, Electrical Engineer, Industrial Designer, Mechanical Engineer, Urban Planner		Aircraft Assembler, Airport Ramp Attendant, Automobile Salesperson, Boat Operator, Bus Driver, Car Lot Attendant, Courier Service Drivers, Heavy Equipment Operator, Railway Track Maintenance Worker	
GRADE	11	12	11	12	11	12	11	12
MAJOR COURSES Choose 4 Majors (minimum one per grade. May also include 3 rd co-op credit) Consider Dual Credits too: SHSM ELIGIBLE DUAL CREDIT COURSES YRDSB Dual Credit Site	TCJ3C TCJ3E TTJ3E TTJ3O TTJ3C TMJ3E TWJ3E ICS3C BDI3C TMW3E	TCJ4C TCJ4E TTJ4C TTJ4E TMJ4E SPH4C ICS4C TMW4E *check dual credit list*	ICS3C TCJ3C TDJ3M TMJ3C TMJ3M TTJ3C ICS3C	TCJ4C TDJ4M TMJ4C TMJ4M TTJ4C ICS4C SPH4C ICS4C *check dual credit list*	SPH3U TCJ3C TDJ3M TMJ3C TMJ3M TTJ3C ICS3U	SPH4U ICS4U TDJ4M TMJ4M TTJ4E	TCJ3E TMJ3E TTJ3O TMW3E	TCJ4E TMJ4E TTJ4E TMW4E
ENGLISH One required with optional CLA	ENG3E ENG3C ENG3U NBE3C NBE3E	ENG4C ENG4E	ENG3C NBE3C1	ENG4C	ENG3U NBE3U1	ENG4U	ENG3E NBE3E	ENG4E OLC4O
MATH One required with optional CLA	MEL3E MBF3C MCF3M	MAP4C MEL4E MCT4C	MBF3C MCF3M	MAP4C MCT4C	MCF3M MCR3U	MHF4U MCV4U MDM4U	MEL3E	MEL4E
CO-OP (2 credit)	2 (minimum)		2 (minimum)		2 (minimum)		2 (minimum)	
SCIENCE or BUSINESS STUDIES Or Additional Co-op One required with optional CLA	SVN3E SBI3C BDI3C BMI3C	SCH4C SPH4C	BMI3C BDI3C BAF3M ICS3C SBI3C	SCH4C SPH4C BOH4M ICS4C	SBI3U SCH3U SPH3U BAF3M ICS3U	SBI4U SCH4U SPH4U SES4U BOH4M ICS4U	SVN3E	OLC4O MEL4E GLE4O/GLS4O

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

**Consider Accelerated OYAP for Automotive Service Technician – Speak to the Co-op Department and pick up an application from room 330

*** Where C/M Major courses are not offered, students should take E or M courses. Eg. If you want to take TTJ3E and you're a U student, it will still count as a major credit.

In addition your need to complete the following:

- Sector Partner Experience** –Work with an Industry/Sector Partner, using the same skills and tasks used in real work situations. SPE includes one of the following options: Innovation Creativity and Entrepreneurship (ICE) training (solving a real challenge they're trying to address) , sector-delivered contextualized coding and sector-delivered mathematical literacy. You will be notified via the SHSM website,GAPPS email or REMIND of upcoming events. Be sure to get your paperwork in!
- Reach Ahead Experience**—opportunity to explore /take the next steps along your chosen pathway. Helps you make informed choices about future career goals. Examples include visiting an approved apprenticeship delivery agent (eg. trade union or college), interviewing a college student in a transportation related program, observing a university engineering class, interviewing an employee in the sector, college visits to explore transportation related programs, Dual Credit or Accelerated OYAP.
- Experiential Learning and career exploration**-- Planned learning **experiences** that take place outside the traditional classroom and focus on a specific occupation. For example, one on one observation of a co-op student, day long job shadow of skilled tradesperson in transportation (outside of co-op placement), One or two week work experience with an industry association or professional (outside of your co-op), a tour of an automotive dealership, specialized transportation business (eg helicopter, limo etc), or a municipal transportation department office or garage, at transportation sector trade show, conference or job fair, attendance at demos and hands on activities presented by equipment vendors.
- Certifications:**

Four (4) compulsory			
CPR-C with AED	health and safety – basic	Standard First Aid	WHMIS
Three (3) electives from the list below			
air brakes	basic electrical safety	CAD/ CAM	customer service
Drive Clean	environmental spills	ergonomics	fall protection
filling propane and motor fuel tanks	fire safety and fire extinguisher use	introduction to logistics	Infection Control
ladder safety training	leadership skills	lockout/tagging	original equipment manufacturer's training
ozone-depletion prevention	Pleasure Craft Operator	portfolio development	project management
sector-specific regulations and legislation	sector-specific vehicle operation/ safety	specialized skills training (e.g, Skills Canada prov. level)	vehicle lift safety
Working at Heights	anti-oppression and allyship	advanced training in a technology	advanced training in a technique
elevated work platforms	sector specific software 1 (323)		

Certifications that are highlighted in yellow will be completed as part of COOP