IFSS
Iroquois Falls Secondary School

Specialist High Skills Major

Transportation

2026-2027

Profile

The Specialist High Skills Major in Transportation provides students with a strong foundation for a wide variety of careers in the transportation sector, from those focusing on the service, repair, and modification of vehicles and vehicle systems to those related to the organization and management of transportation services and mass-transit systems. The Transportation Specialist High Skills Major enables students to build a foundation of sector-focused knowledge and skills before graduating and entering apprenticeship training, college, university, or an entry-level position in the workplace.

Certifications (7)

Compulsory (4)
- CPR Level C and AED
- Health and Safety - Basic
- Intermediate First Aid
- WHMIS

Electives (3) (more options at Ontario.ca)
- Working at Heights
- Lock Out/Tag Out
- Hoisting, Rigging and Moving
- Customer Service
- Project Management
- Leadership Skills
- Ladder Safety Training

Other Opportunities:
- Industry visits
- Community partnerships

Possible Occupations in the Sector

Workplace	Apprenticeship	College	University
• Boat Assembler • Heavy Equipment Operator • Railway Track Maintenance	• Auto Body Repairer • Small Engine Mechanic • Motorcycle Technician	• Industrial Designer • Marine Engine Technician • Air Pilot	• Aerospace Engineer • Industrial Designer • Urban Planner

Additional Information

- SHSMs are for students in all four pathways: Workplace, Apprenticeship, College, and University.
- Major credits may be offered in school, but additional courses are offered through eLearning and booklet courses.
- You can indicate your interest at www.myblueprint.ca or speak with your Guidance Counsellor.
- There are no extra credits required - the SHSM is obtained within the 30 OSSD credits.
- SHSMs are two-year programs and are made up of Grade 11 and 12 courses.
- There are no additional fees for students to participate in a SHSM.





Transportation SHSM Pathway (Total of 9 credits)

Please check the Ministry's Master List for more approved courses

Grade 11 Courses	Grade 12 Courses
Major Credits (4 credits) **Students can now substitute 3 additional Cooperative Education credits related to their sector in place of 3 major credits**	
IDC3O – Interdisciplinary Studies TCJ3C – Construction Engineering Technology TCJ3E – Construction Engineering Technology TMJ3M – Manufacturing Engineering Technology TTJ3C – Transportation Technology TTJ3O – Transportation Technology TTS3C – Transportation Technology: Small Engine and Recreational Equipment TWJ3E – Custom Woodworking	IDC4U – Interdisciplinary Studies TCJ4C – Construction Engineering Technology TCJ4E – Construction Technology TTJ4C – Transportation Technology TTS4C – Transportation Technology: Small Engines and Recreational Equipment
English (1 credit)	
NBE3C - Understanding Contemporary First Nations, Métis, and Inuit Voices NBE3E - Understanding Contemporary First Nations, Métis, and Inuit Voices NBE3U - Understanding Contemporary First Nations, Métis, and Inuit Voices	ENG4C – English ENG4E – English ENG4U – English OLC4O – Ontario Secondary School Literacy Course
Math (1 credit)	
MBF3C – Foundations for College Math MCF3M – Functions and Applications MEL3E – Mathematics for Work and Everyday Life MCR3U – Functions	MAP4C – Foundations for College Mathematics MCT4C – Mathematics for College Technology MDM4U – Data Management MCV4U – Calculus and Vectors MHF4U – Advanced Functions MEL4E – Math for Work and Everyday Life
Other (1 credit) **Students can now substitute 1 additional Cooperative Education credit related to their sector in place of 1 other credit**	
MEL3E – Mathematics for Work and Everyday Life SBI3C – Biology SBI3U – Biology SVN3M – Environmental Science	OLC4O – Ontario Secondary School Literacy Course MEL4E – Math for Work and Everyday Life
Cooperative Education (2 credits taken in grade 11 OR 12) **Summer co-op available.**	

District School Board Ontario North East

Specialist High Skills Major
Transportation

Student Name: _____

Year of graduation: _____

Pathway of interest:

☐ Apprenticeship ☐ College ☐ University ☐ Workplace

Certifications (Mandatory*):	Date Completed:	3 Sector Specific Certifications:	Date Completed:
☐ * Intermediate First Aid	_____	☐ _____	_____
☐ *CPR Training	_____	☐ _____	_____
☐ *WHMIS Training	_____	☐ _____	_____
☐ *Health & Safety	_____		

Pathway	Apprenticeship	College	University	Workplace
4 Major Credits: Students can substitute 3 additional Cooperative Education credits related to their sector in place of 3 major credits	☐ _____ ☐ _____ ☐ _____ ☐ _____	☐ _____ ☐ _____ ☐ _____ ☐ _____	☐ _____ ☐ _____ ☐ _____ ☐ _____	☐ _____ ☐ _____ ☐ _____ ☐ _____
	☐ 1 extra sector-related coop credit _____ ☐ 1 extra sector-related coop credit _____ ☐ 1 extra sector-related coop credit _____			
1 English:	☐ _____	☐ _____	☐ _____	☐ _____
1 Math:	☐ _____	☐ _____	☐ _____	☐ _____
1 Other Required Credit: Students can substitute 1 additional Cooperative Education credit related to their sector in place of 1 other credit	☐ _____	☐ _____	☐ _____	☐ _____
	☐ 1 extra sector-related coop credit _____			
2 Sector Related Cooperative Education Credits:	☐ Coop _____ ☐ Coop _____	☐ Coop _____ ☐ Coop _____	☐ Coop _____ ☐ Coop _____	☐ Coop _____ ☐ Coop _____

Minimum 1 Experiential Learning, 1 Reach Ahead Experience & 1 Sector-Partner Experience:

☐ Experiential: _____ Date: _____

☐ Reach Ahead: _____ Date: _____

☐ SPE: _____ Date: _____