EHS
Englehart High School

Specialist High Skills Major
Forestry 2026-2027

Profile

Production in the forest sector contributes close to $20 billion dollars annually to Canada's gross domestic product. In a global context, Canada has the world's largest forest product trade balance—a position it has held for as long as trustworthy trade statistics have been compiled. No nation derives more net benefit from trade in forest products than Canada. The three main forestry industry subsectors are solid wood product manufacturing, pulp and paper product manufacturing and forestry and logging. A large number of baby boomers will retire from these sectors in the near future, which will create a demand for new workers to fill their roles. Demographics and the ability to find workers with the skills needed to use emerging technologies remain a challenge.

Certifications (7)

Compulsory (4):
- CPR Level C including AED
- Compass/map/global positioning system (GPS)
- Intermediate First Aid
- WHMIS

Electives (3) (more options at Ontario.ca):
- Anti-Oppression and Allyship Training
- Bear Safety
- Chainsaw Safety
- Customer Service
- Fall Protection
- Health and Safety – Basic
- Hoisting and Rigging
- Leadership Skills
- Portfolio Development
- Project Management
- Sustainable Resource Management
- Working at Heights

Possible Occupations in the Sector

Workplace	Apprenticeship	College	University
Forest Firefighter Brush Cutter Logging	Arborist	Forest Engineering Technician Forest Resource Technician GIS Technician	Forester Surveyor Ecologist

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.

Forestry 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**	
CGT30 – Introduction to Spatial Technologies SBI3C – Biology SBI3U – Biology SCH3U – Chemistry TCJ3C – Construction Engineering Technology TCJ3E – Construction Technology, Workplace TTJ3C – Transportation Technology TTJ3E – Transportation Technology: Vehicle Ownership	CGO4M – Spatial Technologies in Action CGR4M – Environment and Resource Management CGR4E – Living in a Sustainable World CGW4U – World Issues: A Geographic Analysis IDC4O – Interdisciplinary Studies IDC4U – Interdisciplinary Studies SBI4U – Biology SCH4U – Chemistry SCH4C – Chemistry TCJ4C – Construction Engineering Technology TCJ4E – Construction Technology TTJ4C – Transportation Technology TTJ4E – Transportation Technology: Vehicle Maintenance Dual Credits: TIA4T – Trades TLA4TD - Introduction to Welding
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 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**	
CGT30 – Introduction to Spatial Technologies MEL3E – Mathematics for Work and Everyday Life SBI3C – Biology SBI3U – Biology SCH3U – Chemistry SPH3U – Physics SVN3E – Environmental Science SVN3M – Environmental Science	CGW4U – World Issues: A Geographic Analysis GLE4O – Advanced Learning Strategies: Skills for Success After Secondary School GLS4O – Advanced Learning Strategies: Skills for Success After Secondary School MEL4E – Math for Work and Everyday Life OLC4O – Ontario Secondary School Literacy Course SBI4U – Biology SCH4C – Chemistry SCH4U – Chemistry SPH4C – Physics
Cooperative Education (2 credits taken in grade 11 OR 12) **Summer co-op available.**	

District School Board Ontario North East

Specialist High Skills Major
Forestry

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	_____	☐ _____	_____
☐ *GPS	_____		

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 minor 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: _____