



Manufacturing SHSM

In Ontario, the manufacturing sector still accounts for the greatest number of jobs with its production of consumer and industrial goods that are essential for the province's prosperity. Although the manufacturing sector remains a powerhouse in our economy, contributing 15 per cent of the gross domestic product, the sector is undergoing fundamental change.

The manufacturing industry is committed to addressing skills development, labour market, and human resource issues across the various sectors within Canadian manufacturing. This will provide new employment opportunities for students choosing to pursue a career in this sector.

SAMPLE OCCUPATIONS IN THE MANUFACTURING SECTOR

Electrician
Mould Maker
Tool & Die Maker
Inventory Clerk
Engineer – Chemical,
Millwright-Industrial
Motor Vehicle Assembler
Precision Machinist & Metal Fabricator
Technical Sales Specialist
Engineer: Electrical, Mechanical, Production
Manufacturing Technician/Technologist

REQUIRED COMPONENTS FOR THE SHSM-MANUFACTURING

1

- A bundle of nine Grade 11 & 12 courses:
- Four Manufacturing major credits
 - Three required courses in English, math & science
 - Two co-op credits in the sector

2

Experiential Learning & Career Exploration Activities gained through co-op placements and field trips.

3

Reach Ahead Experiences that connect SHSM students to their post-secondary plans – e.g. tours of post-secondary institutions and industry, presentations from professionals within this sector.

4

- Six sector recognized certifications & training. These can include, but aren't limited to:
- CPR – Level C + AED*
 - WHMIS*
 - Standard First Aid*
 - Working at Heights
 - Elevated Work Platforms
 - Hoisting & Rigging
 - Lift Truck Safety
 - Safe Lifting
- *COMPULSORY*

5

Essential Skills & Workplace Habits learned through an online program & co-op placements.