



# Transportation SHSM

Transportation affects our lives in a multitude of ways. We drive cars for everyday purposes, use mass transit to commute to work, and take flights and cruises on holidays. Transportation systems move raw materials to manufacturers and finished products to consumers – locally, nationally, and globally.

In addition to being essential to our daily lives, transportation and transportation systems are an important area of employment in our economy. Employment in this sector has grown steadily since 2000, reflecting a high demand for qualified personnel.

# SAMPLE OCCUPATIONS IN THE TRANSPORTATION SECTOR

Air Pilot

Industrial Designer

Automobile Salesperson

Heavy Equipment Operators

Delivery & Courier Service Drivers

Aircraft Assembler & Assembly Inspector

Auto Body Repairer & Automotive Painter

Bus Driver, Subway & Other Transit Operators

Engineer- Aerospace, Automotive, Mechanical

Mechanic – Marine Engine, Small Engine, Track & Transport

Quality Control Assembly Inspector – Automotive, Marine

Technician –Automotive, Industrial Engine, Motorcycle

## REQUIRED COMPONENTS FOR THE SHSM-TRANSPORTATION

1

A bundle of nine Grade 11 & 12 courses:

- Four Transportation major credits
- Three required courses in English, math & business or 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

Seven sector recognized certifications & training. These can include, but aren't limited to:

- CPR – Level C + AED\*
- WHMIS\*
- Standard First Aid\*
- Health & Safety\*
- Fire Safety and fire extinguisher use
- Lift Truck Safety
- Working at Heights
- Vehicle Lift Safety

*\*COMPULSORY*

5

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