

Welcome to the Manufacturing Specialist High Skills Major, where students tailor their high school education to align with their interests and talents while fulfilling graduation requirements.

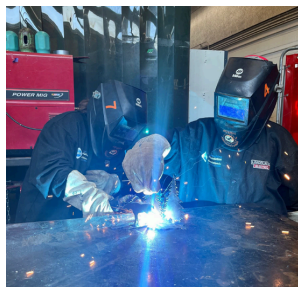
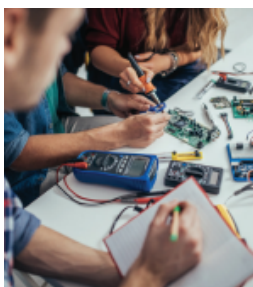
# Manufacturing

## Careers in Manufacturing

SHSM study prepares students to enter into careers in all pathways (work, apprenticeship, college, and university). The Manufacturing Industry includes a wide range of high demand and flexible career options.

- Construction millwrights and industrial mechanics
- Electricians
- Industrial instrument technicians and mechanics
- Machinists and machining and tooling inspectors
- Precision structural metal and platework fabricators and fitters
- Tool and die makers
- Welders and related machine operators

Ask your Guidance Counsellor for more information.



**WESTGATE CVI**

807 577-4251

[www.westgate.lakeheadschoools.ca](http://www.westgate.lakeheadschoools.ca)

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# SHSM Requirements:

SHSM study provides senior (Grade 11 and 12) students with the opportunity to focus their high school education based on individual interests and aptitude. Major sector-specific credits, cooperative education in the sector, English, Mathematics, and, in most cases, additional credits in specified subjects complete the graduation requirement of 30 credits.

Certifications and Training are an important part of the SHSM. Sector-specific certifications and training are provided free of charge to ensure students are prepared.

Hands-on (experiential) learning activities, reach-ahead opportunities (post-secondary goals) and the completion of one of ICE (Innovation, Creativity, and Entrepreneurship), Mathematical Literacy or Coding complete the SHSM requirements. Students who complete the program will have an SHSM seal of distinction on their graduation diploma.

## Achieve

**9 of your 30  
OSSD credits**

**6 Training sector-recognized  
certifications**

## The bundle includes:

- 4 “major” credits in Manufacturing in grade 11 and 12
- Supporting credits: Grade 12 English credit (and 1 Grade 11 English credit for students pursuing the workplace pathway)
- 1 Grade 12 Math credit (or 1 Grade 11 Math credit for students pursuing the workplace pathway)
- 1 Grade 11 or 12 Science credit (for students pursuing the apprenticeship, college and university pathways)
- 2 Cooperative Education credits to experience life in the Manufacturing sector



**Lakehead Public Schools**