



What is a Specialist High Skills Major? (SHSM)

A SHSM allows students to customize their high school experience to fit career interests. Offered in grade 11 and 12, an SHSM allows students to receive a specialized high school diploma that is recognized in various economic sectors in all four pathways

What does a SHSM look like?

A SHSM is a bundle of up to 10 credits in Grade 11 and 12 that include two Experiential Learning (Co-op) credits

What do you get by taking a SHSM?

- Sector-recognized certifications and training
- Real workplace experience
- Learning experiences connected with post-secondary opportunities
- Skills and work habits required for employment success



Student Success
A Grand Erie Program
www.granderie.ca

Grand Erie...
SUCCESS for Every Student
Specialist High Skills Major



The Manufacturing Program Metal Work Focus

Brantford Collegiate Institute and Vocational School

The SHSM Manufacturing Program provides students with a strong foundation for a wide variety of careers in Welding, Millwright and Metal machining sector. This SHSM is based on precision machining and fabrication using advanced welding techniques.

"This course helped me make a career choice as a Millwright. I did a Co-op at a local manufacturing place and was hired on as an apprentice. The course taught me that I how to properly read blueprints and use machine tools" ~BCI student

Benefits of the Manufacturing Program:

- Learn to design and program a CNC plasma cutter
- Learn the set-up and use of Arc, Mig, and Tig welding machines
- Student will be able to use AutoCAD to design projects
- Students will be able to understand welding symbols

