



set your *future* in
manufacturing into
overdrive

- certify for your future
- gain valuable work experience (co-op; job shadowing)
- earn sector-recognized certifications (first aid; CPR; fall-arrest; power lockout; confined spaces; Mastercam levels I, II III; AutoCAD; Autodesk Inventor)
- choose your destination (apprenticeship; university; college; workplace)
- do all this while earning your OSSD requirements

get more information at your
guidance office or www.shsm.ca



steer your *future* to *success*

SPECIALIST HIGH SKILLS MAJOR MANUFACTURING



Success
NEXT EXIT

Careers
NEXT EXIT →

A London District Catholic
School Board program taught at
John Paul II C.S.S.
Open to students from all schools.

WHAT IS A SPECIALIST HIGH SKILLS MAJOR (SHSM)?

A Specialist High Skills Major (SHSM) is a type of ministry-approved specialized program. A SHSM allows students to focus on knowledge and skills that are of particular importance in certain economic sectors, and to obtain certifications recognized in those sectors, as they work towards meeting the requirements for an Ontario Secondary School Diploma (OSSD). Students who graduate with a SHSM designation on their diploma are prepared for success in a particular sector and in the postsecondary destination of their choice, whether it be apprenticeship training, a college or university program, or the workplace.

Every SHSM must include the following five components:

1) A package of 9–11 required credits (the majority earned in Grade 11 and 12 courses) that constitute a pathway to one of four possible destinations: apprenticeship training, college, university, or the workplace. The package must include:

- four credits – called the “major” credits – for courses that provide knowledge and skills closely related to the particular sector of specialization, which are specified in each of the frameworks;
- three or four additional required credits for courses in English and other relevant disciplines (e.g., science, mathematics, or business studies), as specified in each of the frameworks, which include units of study that are customized to the particular sector. Some credits (e.g., English) may be used to meet compulsory credit requirements for the OSSD;
- two cooperative education credits, which may be used to meet two of the 18 compulsory credit requirements for the OSSD;
- one-half credit for the Grade 10 Career Studies course (which also meets a compulsory half-credit requirement for the OSSD).

2) Compulsory certifications, which are identified in each SHSM framework

3) Experiential learning through job shadowing, work experience, and a minimum of 2 credits earned through cooperative education

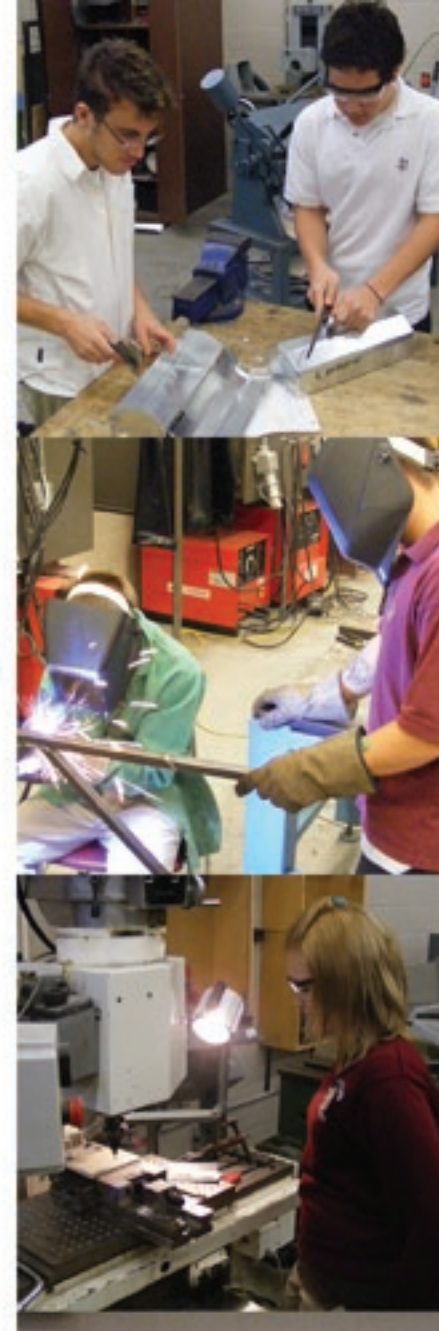
4) Use of the Ontario Skills Passport (OSP) to document demonstration of essential skills and work habits

5) “Reach ahead” opportunities, which allow students to experience learning in their intended postsecondary destination and which can range from a day of attendance at a college, a university, or a workplace to the completion of a dual credit

HOW IS THE SHSM DIFFERENT FROM OTHER SECONDARY SCHOOL PROGRAMS?

The SHSM enables students to focus their secondary school program around a specific economic sector.

The SHSM offers students greater choice for customized, career-focused secondary school learning in a specific area that suits their particular interests and talents. Students explore, identify and refine career goals and make informed decisions related to their postsecondary direction.



REQUIRED COURSES IN ALL SHSM FRAMEWORKS

Year 1 Awareness and Exploration	Year 2 Exploration	Year 3 Specialization	Year 4 Specialization
Recommended: SHSM related: 1 credit Could include: ALC10 - Comprehensive Arts BBI10 - Introduction to Business TTI10 - Integrated Technologies	Required: GLC20/CHV20 - Career Studies/Civics or if a substitution is made: GLD20 Discovering the Workplace	Required: Major credits: 2 credits Other required credits: 2-3 English, math, business and entrepreneurship, and/or science delivered with a minimum of one contextualized unit	Required: Major credits: 2 credits Other required credits: 2-3 English, math, business and entrepreneurship, and/or science delivered with a minimum of one contextualized unit Required and/or Recommended: GLN40 - Navigating the Workplace
Cooperative Education: a minimum of 2 credits in either Year 3 or Year 4			

“The courses helped me understand and apply my knowledge to the trade”

After realizing I was really good with MasterCAM and machining, I decided this was the career for me. I am currently taking the Manufacturing Engineering Technology program at Fanshawe College. I would not be where I am today without taking the Manufacturing Technology courses in high school. ~ Andrew Pepping

I am working as a Tool and Die apprentice, and I'm progressing well in a job I love. The Manufacturing courses helped me understand and apply my knowledge to the trade. ~ Matt Toner

YOU SHOULD ALSO KNOW

Students are able to shift between destinations within the SHSM. For example, students could switch from the college destination pathway to an apprenticeship pathway after learning more about a particular economic sector and their interests and career goals.

A student may exit the SHSM before completion without jeopardizing progress towards the OSSD, retaining credits and certifications earned up to that point.

