

SHSM is for you if...

you are interested in one or more of:

- Earning valuable sector skills
- Graduating with a special designation
- Making connections in the Computer Engineering sector

Or...

if you are planning to:

- Go to University
- Go to College
- Become an Apprentice
- Go to the Work World

Employers say...
"You're hired!"



SHSM Careers

in many industries:

- Advanced Manufacturing
- Mould/Tool/Die
- Industrial/Mechanical Engineering
- Electrical
- Product Development
- Precision Metal Cutting
- Welding
- Sales
- Integrated Manufacturing Systems
- Information Technology

in many careers:

- Precision Machinist
- Software Developer
- Mould Designer
- Welder
- Estimator
- Manufacturing Technologist
- Millwright
- Technical Sales Specialist



Specialist High Skills Major

Engineering Robotics & Manufacturing

St. Anne Catholic High School



- Customized High School Experience
 - Ministry of Education Red Seal
 - Advanced Employer Standing
 - Valuable Practical Experience
 - Industry Recognized Certifications



SHSM - Engineering, Robotics & Manufacturing
St. Anne Catholic High School

For more information,
contact Student Services
Phone: 519-727-8908



**Student Success is the mandate of the
Specialist High Skills Major Program**

Engineering Robotics & Manufacturing

Focus at St. Anne Catholic High School

Explore exciting engineering skills including:

- Manufacturing Technology
- Robotics
- Mechanical Engineering



Get valuable experience through partnerships with:

Sector professionals (ie. in engineering, fabrication, programming) & other forward thinking engineering and business community members.

“Learning together in faith & service.”

When can I start my SHSM?

The SHSM is open to all students. Entry should occur prior to a student’s grade 11 year, with special emphasis on scheduling a two credit co-operative placement in the computer engineering/manufacturing sector.



WINDSOR-ESSEX CATHOLIC
DISTRICT SCHOOL BOARD

What skills & certifications will I earn?

Earn seven of these compulsory & additional certifications:

**Standard First Aid • CPR Level C • WHMIS Certification • Health & Safety - basic
Basic Electrical Safety • Project Management • CAD/CAM • Leadership Skills**

What courses do I need?

Whether you are going to University, College, the World of Work or becoming an Apprentice, there is a course choice for you. Refer to the pathway chart below to help you select courses that are right for you.

Course Choices	POST SECONDARY PATHWAYS FOR SHSM		
	College or Apprenticeship	University	Workplace
Grade 11 Majors Choose a min. of 2 courses (by pathway).	TER3M Robotics Control Systems	TER3M Robotics Control Systems	TCJ3E Construction Technology
	ICS3C Computer Programming	ICS3U Computer Programming	TDJ30 Design Technology
	TTJ3C Transportation Technology	SPH3U Physics	
	TMJ3C Manufacturing Technology	TMJ3M Manufacturing Technology	
<i>Grade 11 Religion is always automatically included as part of your SHSM for all pathways</i>			
Grade 12 Majors Choose a min. of 2 courses (by pathway).	TER4M Robotics Control Systems	TER4M Robotics Control Systems	TDJ4O Design Technology
	ICS4C Computer Programming	ICS4U Computer Programming	TCJ4E Construction Technology
	SPH4C Physics	SPH4U Physics	
	TMJ4C Manufacturing Technology	TMJ4M Manufacturing Technology	
Co-operative Education	All students must take a minimum of two periods (placement equivalent to 2 credits or a half day) of co-op		