

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 Mechanical, Electrical & Computer Engineering sectors

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
- Robotics Engineer
- Millwright
- Technical Sales Specialist



Specialist High Skills Major

Manufacturing Robotics/STEM/ Engineering

Holy Names Catholic High School



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



SHSM - Manufacturing: Robotics/STEM/Engineering
Holy Names Catholic High School

For more information,
contact Student Services
Phone: 519-966-2504



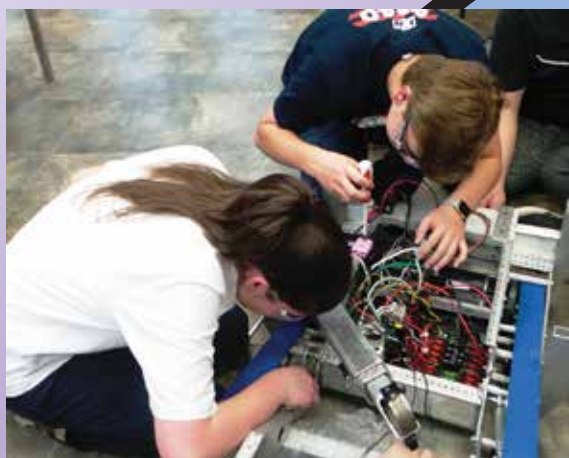
**Student Success is the mandate of the
Specialist High Skills Major Program**

Manufacturing Robotics/STEM/Engineering

Focus at Holy Names 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).	ICS3C Computer Programming	ICS3U Computer Science	TCJ3E Construction Technology
	TDR3M Robotics Control System Design	TDR3M Robotics Control System Design	
	TCJ3C Construction Technology	SPH3U Physics	
<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).	ICS4C Computer Programming	ICS4U Computer Science	TCJ4E Construction Technology
	TDR4M Robotics Control System Design	TDR4M Robotics Control System Design	
	SPH4C Physics	SPH4U Physics	
	SCH4C Chemistry	SCH4U Chemistry	
Co-operative Education	All students must take a minimum of two periods (placement equivalent to 2 credits or a half day) of co-op		