



application

WESTERN TECHNICAL-COMMERCIAL SCHOOL



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What is Engineering/Robotics @ WTCS?

Engineering/Robotics is a computer and manufacturing design program focusing on robotic technologies. Our program integrates real world robotic technology with computerized machining and control systems – the whole package is supported with complementary academic subjects and cooperative education opportunities. Participants learn the importance of teamwork, self-starting, character and time management while learning technology skills of the future.

The Engineering/Robotics curriculum focuses on the student's development as an independent learner and creative/critical thinker. All activities are student-centred and project driven. Our award winning FIRST Robotics program is fully integrated into the curriculum providing leadership opportunities to all participants. We aspire to help young people discover how interesting and rewarding the lives of engineers and scientists can be.

It's the most amazing program that you'll ever lose sleep over!

Who is the Engineering/Robotics student?

You are a candidate for our program if you would consider designing and building a robot to be a fascinating experience. You are a candidate if you are inspired by science and technology. You are a candidate if you enjoy seeing your creations come to life.

The Specialist High Skills Major (SHSM) Engineering/Robotics @ WTCS

The Specialist High Skills Major (SHSM) is an Ontario designation that allows students to focus on a possible career path that matches their individual skills and interests. Engineering/ Robotics is a bundle of 8 courses related to the Computer Engineering and Manufacturing Robotics industry. The SHSM program is a reach ahead experience which includes: sector-recognized certifications and training courses, experiential learning (including Cooperative Education credits), use of the Ontario Skills Passport and development of essential skills and work habits required in the sector, opportunities for Dual Credit programs in a variety of post-secondary institutions, and contextualized learning activities that integrate theory with practice. Students learn with industry standard equipment and instructors who have worked directly in the field. Students who complete the SHSM requirements graduate with a red seal on their diploma. This will indicate a universal provincial designation of a higher level of achievement to all post secondary schools no matter what program the student may choose to pursue. For more information go to:

www.edu.gov.on.ca/morestudentsuccess/SHSM.asp



engineering
ROBOTICS

Application Deadline is Friday, January 31, 2014

For information go to www.wtcs.ca
or contact Eric at Eric.Halling@tdsb.on.ca



Personal Information

Last Name _____

Given Name _____

Name of Parent or Guardian _____

Signature of Parent or Guardian (indicating consent) _____

Home Address (Number and Street-specify "Road, Street, Cres.," Postal Code)

Date of Birth (Day/Month/Year) _____

Home Telephone # Include Area Code _____

Male / Female _____

Daytime Contact Name and Phone _____

Current School & Grade _____

Special Ed.(Y/N) _____

Parent's Email _____

Gifted (Y/N) _____

Optional Attendance (Y/N) _____

Interests (check as many as apply)

Mathematics _____ Electronics _____

Computer Hardware _____ Machine Assembly / disassembly _____

Science _____ Wireless communication _____

Video _____ Computer Aided Drawing _____

Computer Modeling _____ Computer Programming _____

R/C vehicles _____ Other, specify _____

