INFORMATION & COMMUNICATIONS TECHNOLOGY

Craig Kielburger Secondary School

PROGRAM OVERVIEW

Information & communications technology (ICT) is increasingly becoming an essential part of many industries, required to save time and increase efficiency, advance technology and innovation, for electronic access to finances or online shopping, or creativity, marketing, and communication. ICT includes both the hardware and information technology skills, as well as creative, communications and graphic arts expertise.

The Specialist High Skills Major (SHSM) program in Information & Communications Technology (ICT) gives students an opportunity to specialize, gain qualifications, and plan a career pathway in various areas of the ICT sector.

Craig Kielburger Secondary School offers the information technology program, with particular streams in App-Building and Engineering. Our focus is on service, maintenance, networks, interfacing, robotics and programming.

Experiential Learning Opportunities

• Job-shadow industry professionals
• Complete 2 Cooperative Education credits
• Get work experience in the ICT sector
• See guest speakers, go on field trips and other workplace experiences that explore careers in information and communications technology

Related Careers

• Computer Programming
• Graphic Designer
• Video Game Developer
• Computer Engineer
• Technical Producer
...and more

Certifications & Training

• Standard First Aid
• CPR Training
• WHMIS
• CISCO Discovery part 1
• Apple development certification
• FIT (Focus on Information Technology)
...and more

CREDITS

Course Package

Each SHSM program offers students a bundle of 8 - 10 credits. These courses are regular Ontario secondary school courses that allow students to work towards their Ontario Secondary School Diploma, but have been bundled as the most relevant courses to prepare students for a future in the information and communications technology sector.

The Bundle Includes:

- **4 "major" credits** in information and communications technology in grade 11 and 12

- **Supporting credits**, which include Contextualized Learning Activities (opportunities for students to learn the subject in the context of the information and communications technology sector):

  > 1 Grade 12 English credit
  > 1 Grade 11 Math credit
  > 1 Grade 11 or 12 Art, Science or Business Studies credit
  > 2 Cooperative Education credits to experience life in the ICT sector

Applying to the ICT SHSM:

All students in Halton are able to attend the Information & Communications Technology SHSM at Craig Kielburger Secondary School in grade 11 and grade 12. Each student's goals will be assessed and course selection will be determined based on their needs.

If you want to learn more about this program:

- Check out the ICT SHSM at **haltonpathways.ca**
- Visit **myblueprint.ca/halton**
- Talk to Mike Parchimowicz or Mike McBrien in Student Services
- Come to a Pathways Planning Information Evening (see haltonpathways.ca for dates and times)

CONTACT

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