ICT SHSM

Information and Communication Technology

SECTOR PROFILE

- The ICT Sector continues to transform our economy and everyday life as employment in the industry is constantly rising

- The SHSM (Specialist High Skills Major) in Information and Communications Technology (ICT), gives students an opportunity to specialize, gain qualifications, and plan a career pathway in various areas of the Information and Communications Technology sectors, while meeting those requirements of the Ontario Secondary School Diploma

- This SHSM program values apprenticeship training, college, university or the workplace

- As ICT increasingly becomes an essential part of many industries, students enrolled in SHSM will be able to become more involved in today's rapid and exciting changes in technology

CREDITS:

A bundle of nine Grade 11 and Grade 12 credits that is comprised of:

- **Four information and communications technology major credits** that provide sector-specific knowledge and skills

- **Three other required credits from the Ontario Curriculum** including 1 English, 1 Mathematics and 1 in the Arts or Business studies or Science

- Two Cooperative education credits tied to the sector

CERTIFICATIONS:

- **Three compulsory certifications**: CPR, Standard First Aid and WHMIS

- **Three elective certifications such as:** Computer Hardware, Recording Equipment, Leadership, Lighting and Sound, Design and CAD, Cisco Networking, Software training (Adobe Suite), Photography and Videography, App Development, etc

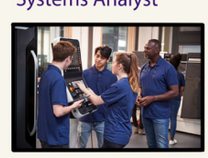
WHAT YOU RECEIVE

- Certification and Awareness Training
- Experiential Learning Opportunities (job shadowing, guest speakers, field trips)
- Experiential learning and career exploration activities
- Reach Ahead Experiences (college/university sector specific visits)
- Remain flexible, with the option to shift between pathways, should your goals and plans change
- Sector-partnered experiences
- ***SHSM Seal on your Diploma***

EXAMPLES OF OCCUPATIONS IN THIS SECTOR

- Computer Network Technician
- Cybersecurity Analyst
- Computer Systems Administrator
- Graphic Designer

- Audio Engineer
- Lighting and Sound Designer/ Technician
- Information Systems Analyst
- Software or Computer Engineer
- Software Designer



- Videographer/Photographer

For more Information contact

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SPECIALIST HIGH SKILLS MAJOR
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