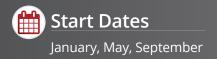








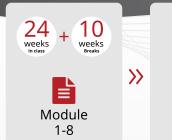
# Cybersecurity Specialist Co-op







### **Program Duration**









**>>** 





This one-year Co-op diploma is ideal for students looking to acquire in-demand skills and specialized knowledge in all aspects of cybersecurity.



- Learn to use tools such as Cryptool, Wireshark, Zenmap, nmap, Burp Suite, Snort, TCPdump, OpenVAS and OSSIM
- Learn Python programming language, SQL, Hyper-V, mobile simulator/emulators to perform cybersecurity lab experiments
- Assess risks to improve security posture of an organization
- Respond to security alerts and fix flaws in computer systems and networks
- Utilize technologies to prevent cyberattacks
- Co-op placement in the field of studies (Terms & Conditions apply)







**EC-Council** 



















#### Co-op Experience

The co-op term provides you with an opportunity to integrate academic studies with related employment experience.



#### Modules

- Introduction to Cybersecurity
- Computer Networks
- Communications, Operating Systems and Data Management
- Programming Languages for Cybersecurity
- Concepts and Practical Implication of Encryption
- Information Security in Cyber World
- Penetration Testing
- Hackathon
- Work Placement



# Career Opportunities

- Informatics Security Analyst
- Systems Security Analyst
- Security Administrator
- Security Software Developer
- Cryptographer

- Information Security Specialist
- IT Security Analyst
- Cybersecurity Specialist
- Network Security Engineer
- Ethical Hacker

- Risk Management Analyst
- Penetration Tester
- Vulnerability Management Analyst
- Cloud Security Analyst

## **Admission Requirements\***

- Have an Ontario Secondary School Diploma or equivalent or
- Be at least 18 years of age and pass the Wonderlic Test

#### For non-native English speakers:

- Successful completion of TSoM EAP Level 4 or
- IELTS 5.5 or equivalent or pass the TSoM **English Assessment**

\*Please visit TorontoSoM.ca for more information about our admission requirements

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