# Welcome to Computer Forensics

This is an introductory course on computer forensics, which will allow you to decide whether it is the career path for you. Computer forensics is still in its infancy, but the work is challenging because you have to think like an attacker or the person you are investigating. The evidence is always changing as software companies develop new operating systems or software. There are currently very few forensic examiners outside of law enforcement in Canada. Few businesses have the resources to employ a digital forensics unit in-house, so one is typically brought in to assist in a specific investigation or breach.

This course is structured with lectures and labs in an almost equal ratio. It is important to learn the computer forensic processes and available evidence by listening to the lectures, and then to practice evidence acquisition and analysis techniques during the labs.

This course requires you to be familiar with the forensic process, from the acquisition of evidence to the analysis and presentation of that evidence in a judicial hearing. During the course, you will focus on the Windows operating system. Your instructor will be available to answer your questions and assist you with the labs, however the onus is on you to research and study material available to you on technologies covered in this course.

## Tips for Success

* Research and understand the inner workings of the Windows operating system
* Research and understand the forensic processes in this course
* Familiarize yourself with the software tools used in this course
* Actively participate in the lectures, small group discussions and, most importantly, the labs