

# ETHICAL HACKING AND COUNTERMEASURES



## COURSE DESCRIPTION [See full course outline here](#)

This class will immerse students in an interactive environment where they will be shown how to scan, test, hack and secure their own systems. The lab intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems. Students will begin by understanding how perimeter defenses work and then be led into scanning and attacking their own networks. Students then learn how intruders escalate privileges and what steps can be taken to secure a system. Students will also learn about Intrusion Detection, Policy Creation, Social Engineering, ddos Attacks, Buffer Overflows and Virus Creation. When students leave this intensive 5 day class, they will have hands-on understanding and experience in Ethical Hacking.

## WHO SHOULD ATTEND

This course will significantly benefit security officers, auditors, security professionals, site administrators, and anyone who is concerned about the integrity of the network infrastructure. Also qualifies for 35 CPE credits (Continuing Professional Education) for those who need to maintain training credits to keep their CISSP and other certifications current.

## DURATION

5 days (8:00 a.m. – 5:00 p.m.)

## CERTIFICATION

For those interested in taking the certification exam: Certified Ethical Hacker (CEH) exam (312-50) Please note that the exam voucher is not included with the course and will be the responsibility of each student to register and take the exam on their own anytime following the course at an authorized Prometric testing centre.



Presented by



In Partnership with



**Dates:** May 3 - 7, 2010

**Time:** 8:00 a.m. – 5:00 p.m.

**Location:** Bow Valley College  
332 – 6 Ave SE  
Calgary AB, T2G 4S6

**Parking:** Please check this [LINK](#) for parking near Bow Valley College.

**Tuition:** \$1,995

**Refund policy:** No refunds will be provided after Thursday, April 29, 2010.

**To Register:** Call 403-410-1686 or register online [HERE](#). To ensure a seat please register a minimum of one month in advance of the start date.

### Bring with you to class:

Notebook Computer with: 2 GB RAM min (4 GB is nice) 30 GB of free on hard drive. Please have any of the following VM ware versions installed: Server, Workstation, Player, or Fusion

### Have Questions or Concerns?

Contact either IT Training Solutions or Bow Valley College:

### IT Training Solutions, L.L.C.

Mathew Bell, Owner  
801-649-4030 / [matt@ittrainingsolutions.net](mailto:matt@ittrainingsolutions.net)

### Bow Valley College

Pat Methuen, Director Continuing Education  
403-410-1590 / [pmethuen@bowvalleycollege.ca](mailto:pmethuen@bowvalleycollege.ca)