

# Welcome!

NET3011 – Advanced Network Switching (CCNP-SWITCH)

Course Professor: Michael Anderson

Lectures: Mon 8 – 10am B310  
Fri 1 – 2pm C346

Labs: section 011/A1 Wed 8 – 11am T108  
section 012/A2 Wed 1 – 4 pm T108

## My Contact Info:

Office: T313

Office hours: As per (draft) schedule posted on course web site  
... and at other times by appointment or email

Email: [Michael.Anderson@algonquincollege.com](mailto:Michael.Anderson@algonquincollege.com)

Phone: 613-727-4723 ext 6217

... **Your contact info???** Cell phone & preferred email.

## Course Objectives:

- ◆ To provide a solid understanding of L2 networking concepts, with an emphasis on VLANs and STP.
- ◆ To increase your knowledge and skill of networking equipment, using Cisco equipment.
- ◆ To prepare you to complete your study of networking, following Cisco's curriculum, ie. CCNP – TSHOOT

For additional info on this course, please see the official **course outline**, as posted on the course web site. We'll look at a few items, including schedule (lost lectures), textbooks, tests, marks allocation, and use of electronic devices in the classroom.

## Introductions

- Who am I; my background; my interest in teaching.
- 1. *“Have great confidence in me, but don't trust me”*  
... Be sure to check it out for yourself!
- 2. *“My focus is on learning, not on marks”*  
... This answers a lot of questions
- 3. *“I would like to know everything about everything, but I don't”*  
... Bring your work experience to the table
- ~~“Your educational objectives, personal learning plan(s), certification/accreditation goals, etc.”~~ *Who are YOU? What are you doing here? We'll talk briefly about learning styles, and the Evil of taking shortcuts.*
- *How do you want to introduce yourself to me? plus Who is the boss?*

## Week 1: Assigned Readings & Lab work

- Scan Ch 1 slide decks (two) posted on course site; due by **beginning** of next lecture
- Ch 1 in FLG (Foundation Learning Guide); due 1 week from today
- Lab01 PT activity, if not already done (*must* be completed)
- Lab 2 **pre-lab**, based on pdf lab manual labs 1-1, 1-2, 2-1 due **before** the start of your lab next week. (To be posted by Mon noon on BB.)
- Labs 2-1 and 2-2 done **in lab** next week. Prep by doing lab 2-1 in PT. Note: **post-lab** will require results saved from in-lab work (ie. copy & paste of actual outputs).

## Required Equipment

- Lab book: a bound book with non-removable pages
  - material from NET2000 especially important
  - good correlation & interaction with NET3007–Security
- Printouts of labs; pdf's available on course site
- Required textbooks (either hardcopy or free online):
  - ✓ Implementing Cisco IP Switched Networks (SWITCH) Foundation Learning Guide, by Froom, Sivasubramanian, Frahim, Cisco Press, ISBN13: 978-1-58705-884-4; ISBN10:1-58705-884-7
  - ✓ CCNP SWITCH 642-813, Official Certification Guide, by David Hucaby,Cisco Press, ISBN10: 1-58720-253-0
- Suggested textbooks:
  - ✓ CCNP-SWITCH Portable Command Guide by Empson and Roth, Cisco Press, ISBN13: 978-1-58720-248-3; ISBN10: 1-58720-248-4