

# Course Syllabus — CS475/CS575 and ITS475/575 Internet Engineering — Winter 2008-2009

**Lecture:** M-W-F 11:10-Noon, in Stocker 194.

**Labs:** in Stocker 301 (ITL Teaching Lab).

Day	Time	ITS475	ITS575	CS475	CS575
Tue	9:10am-Noon	A01 — 04167	A01 — 04193	A01 — 01422	A01 — 01436
Wed	8:10am-11:00am	A02 — 04168	A02 — 04194	A02 — 01423	A02 — 01437
Wed	1:10pm-4:00pm	A03 — 04169	A03 — 04195	A03 — 01424	A03 — 01438
Thu	9:10am-Noon	A04 — 04170	A04 — 04196	A04 — 01425	A04 — 01439
Thu	2:10pm-5:00pm	A05 — 04171	A05 — 04197	A05 — 01426	A05 — 01440

**Instructors:**

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**Teaching Assistants:** Doug Bowie-bowie@ohio.edu Robert Martin-rm270002@ohiou.edu

**Mailing lists and Web sites:**

<http://www.itl.ohiou.edu/> — This site will contain all the class and lab related policies, notes, handouts, and materials.

[itlstaff@www.itl.ohiou.edu](mailto:itlstaff@www.itl.ohiou.edu) — Mail sent to this address will go to both instructors and all teaching assistants.. You should use this address if you have questions about grading, class policy, or lecture content. Please use this list instead of e-mailing individual instructors.

[itlclass@www.itl.ohiou.edu](mailto:itlclass@www.itl.ohiou.edu) — You need to sign up for this list (see below). Feel free to use this list to post questions, observations, etc to your fellow classmates. As long as the topics are not "too closely tied" to specific lab writeup questions, asking questions is encouraged! All instructors are also on this list.

<http://korgano.eecs.ohiou.edu/mailman/listinfo/itlclass> — Information and sign-up page for the itlclass mailing list. You need to use this page to sign up for this list. You are strongly encouraged to use your OAK e-mail address to insure that you receive all announcements.

<http://korgano.eecs.ohiou.edu/pipermail/itlclass/> — An archive of all class email for the quarter can be found at this URL.

**Course Objective** This class covers the fundamentals of Internet Engineering, including network and MAC addressing, hubs, switches, routing, IPv4, IPv6, DNS, SNMP, DHCP, and firewalls. This course is a "hands-on" lab-oriented course where the lectures prepare the students for in depth labs using real equipment that ISPs use.

Tests and other important dates

Monday January 19	Martin Luther King Day Observed, no class
Tuesday January 20	Last day to drop without a grade (WP/WF)
Friday February 6	Midterm 11:10-Noon(tentative)
Monday February 9	Last day to drop a class
Friday March 13	Last day of class
Thursday March 19	Final Exam 10:10-12:10

**Outside References:** We don't have a textbook. We will be using several kinds of sources of information for the class. These will include (at least) printed material, on-line references, and electronic documents.

**Labs:** Each lab is limited to 8 students. Each lab will consist of a specific task that you must complete. The labs will generally reinforce the material from the previous week's lectures and will be available on the web site by the Friday preceding the lab. Lab work will be completed in teams of 2 students at each of the 4 stations and both students will receive the same grade for the in-lab portion of the work. In addition, each lab will require a writeup that is due on the following Monday that must be completed individually. We don't plan to assign student teams for the labs. However, each lab will consist of CS undergraduate and graduate students, and ITS undergraduate and graduate students; during the course of the quarter, each student must have been in a team with at least one member of each of those four groups. It will be your responsibility to keep track of that and include the information on each of your lab writeups.

**Class Attendance:** We expect students to attend each class and will hold them responsible for all material discussed. Although the notes from the classes will be online, we will often discuss issues and details that will not be found in the outside reading. It will be your responsibility to locate any information that you miss by being absent.

**Lab Attendance:** You are required to be present in lab for each of the 8 scheduled lab sessions in your section. If you need to miss a lab for a legitimate reason, you should arrange in advance to trade with somebody in another lab and then inform the lab instructors. If you do not make arrangements in advance to trade lab sections and/or do not have a legitimate reason for missing lab (as determined by the Grad/Undergrad catalog), we reserve the right to assign you zero credit for the missed lab.

**Late Policy:** Each lab will require a followup writeup. Your work in the labs will be done in pairs. Your final writeup for the lab, however, must be your individual work. Writeups for all labs will be due at the beginning of class on the following Monday. Late lab writeups will be accepted with a 25% penalty until the following Wednesday and a 50% penalty until the following Monday. Lab writeups more than one week late will not be accepted for credit.

**Academic Conduct:** Cheating on examinations, submitting work of others as your own, or plagiarism in any form will result in penalties ranging from loss of credit for a project to expulsion from the University, depending on the severity of the offense.

**Grading:** Final grades will be determined as follows:

Midterm:	20%
Final exam:	20%
Completion of lab assignments during lab	30%
Lab writeups	30%

Letter grades are assigned as follows:

Numeric Grade	Letter Grade
94 and above	A
90-93	A-
87-90	B+
83-87	B
80-83	B-
77-80	C+
73-77	C
70-73	C-
67-70	D+
63-67	D
60-63	D-
below 60	F

Grades are not changed unless a grading error has been made. Although we reserve the right to curve this scale downward if necessary at the end of the quarter, there is no expectation that this will be necessary.

Both CS and ITS graduate students will be required to do extra work on the labs and tests. In many cases, this work can also be done by the undergrads for extra credits.