Instructor

Bob Hockensmith
eMail: bhockens@gmu.edu
Office Hours: I prefer to handle by email; however, other arrangements can be made.

Class Schedule

Fall Session: September 3 – December 17
Days: Thursday
Time: 7:20-10:00pm
Location: Enterprise Hall 173

Required Text

Routing TCP/IP, Volume I, Second Edition
Authors: Jeff Doyle and Jennifer Carroll
Publication Date: October 19, 2005

I follow the textbook as closely as possible. For cases where the textbook does not provide sufficient detail, additional material is incorporated and referenced accordingly. You are encouraged to seek additional references available via the Internet and many other publishers.

Course Overview

This course will provide the student with a basic understanding of routers and their role in internetworking and packet forwarding. Routing basics including IP addressing, static routes, route tables, and route aggregation will be covered to provide a foundation enabling the student to learn the concepts and frameworks of the various dynamic routing protocols. Students will examine in detail RIP, RIPv2, IGRP, EIGRP, OSPFv2, and IS-IS. In addition, route control and interoperability topics such as route redistribution, route filtering, and route maps will be covered.
Note: This schedule is tentative. We will not cover the entire textbook. Coverage of topics may be adjusted slightly.

Prior to each class meeting, all lectures will be distributed to the students through their George Mason University email accounts. It is therefore essential that students activate their GMU Email accounts. It is a simple matter to have your Email forwarded to a preferred address from the GMU address.

Grading

Class Participation = 15%
Mid Term = 40%
Final = 45%

Note: Final will be from material covered in lectures following mid-term.

The George Mason University honor code will be strictly enforced.

Students requiring make-up exams must submit a written request to me at least two weeks prior to the date that the original test is scheduled. Make-up exams will be an alternate exam and proctored by the TCOM office manager or other available staff.