

MIS 4700 – ADVANCED NETWORKING

Dr. Garrett, Fall Semester, 2011

COURSE CALENDAR

| Date | Day | Topic | Reading | Assignments |
|-------|-----|---|----------------|-----------------|
| 8/22 | Mon | Introduction | | |
| 8/24 | Wed | Overview | | |
| 8/26 | Fri | Introduction to TCP/IP | Guide, ch. 1 | Begin Project 1 |
| 8/29 | Mon | IP Addressing | Guide 55-66 | Begin Issue #1 |
| 8/31 | Wed | IP Addressing | Guide 66-86 | |
| 9/2 | Fri | IP Addressing | | Project 1 Due |
| 9/5 | Mon | LABOR DAY HOLIDAY | | |
| 9/7 | Wed | Issue #1 | | Begin Project 2 |
| 9/9 | Fri | Data Link & Network Layer Protocols | Guide ch. 3 | |
| 9/12 | Mon | Intro to Wireless Networks | Wireless ch. 1 | Begin Issue #2 |
| 9/14 | Wed | EXAM 1 (Guide Chapters 1-3, Wireless Chapter 1, Issue #1) | | |
| 9/16 | Fri | ICMP | Guide ch. 4 | Begin Project 3 |
| 9/19 | Mon | Issue #2 | | Project 2 Due |
| 9/21 | Wed | Transport Layer Protocols | Guide ch. 5 | Begin Project 4 |
| 9/23 | Fri | Wireless Modes | Wireless ch. 2 | |
| 9/26 | Mon | Basic Services | Guide ch. 6 | Project 3 Due |
| 9/28 | Wed | EXAM 2 (Guide chapters 4-6, Wireless chapter 2, Issue #2) | | |
| 9/30 | Fri | Domain Name Services | Guide 311-323 | |
| 10/3 | Mon | Domain Name Services | Guide 323-343 | Begin Project 5 |
| 10/5 | Wed | DHCP | Guide 361-374 | Project 4 Due |
| 10/7 | Fri | Work Day (Project 5) | | |
| 10/10 | Mon | DHCP | Guide 374-390 | Begin Issue #3 |
| 10/12 | Wed | Security | Guide 401-424 | Begin Project 6 |
| 10/14 | Fri | FALL BREAK | | |
| 10/17 | Mon | Work Day (Projects 5 & 6, Issue #3) | | |
| 10/19 | Wed | Work Day (Projects 5 & 6, Issue #3) | | |
| 10/21 | Fri | Work Day (Projects 5 & 6, Issue #3) | | |
| 10/24 | Mon | Testing with Virtual Machines | | Project 5 Due |
| 10/26 | Wed | Security | Guide 424-447 | |
| 10/28 | Fri | Security | | |

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| 10/31 | Mon | Issue #3 | | Project 6 Due |
| 11/2 | Wed | Wireless Network Devices | Wireless ch. 3 | Begin Project 7 |
| 11/4 | Fri | EXAM 3 (Guide chapters 7-9, Wireless chapter 3, Issue #3) | | |
| 11/7 | Mon | RF Communications | Wireless ch. 4 | Begin Issue #4 |
| 11/9 | Wed | Wireless LAN Standards | Wireless ch. 5 | Begin Project 8 |
| 11/11 | Fri | Networking Media | Wireless ch. 6 | |
| 11/14 | Mon | Issue #4 | | |
| 11/16 | Wed | EXAM 4 (Wireless chapters 4-6, Issue #4) | | |
| 11/18 | Fri | Bluetooth and Wireless PANs | Wireless ch. 7 | Begin Project 9 |
| 11/21 | Mon | THANKSGIVING RECESS | | |
| 11/23 | Wed | THANKSGIVING RECESS | | |
| 11/25 | Fri | THANKSGIVING RECESS | | |
| 11/28 | Mon | Wireless LAN Planning & Configuration | Wireless chs. 8-10 | Begin Issue #5 |
| 11/30 | Wed | Wireless Security | Wireless ch. 11 | Project 7 Due |
| 12/2 | Fri | IP Routing | Guide ch. 10 | Project 8 Due |
| 12/5 | Mon | Issue #5 | | Begin Project 10 |
| 12/7 | Wed | Monitoring and Managing | Guide ch. 11 Wireless ch. 13 | |
| 12/9 | Fri | NetBios & WINS, IPv6 | Guide chs. 12-13 | Project 9 Due |
| 12/15 | Thu 8:00 | Final Exam (Guide chapters 10-13, Wireless chapters 7-11 and 13, Issue #5) | | Project 10 Due |