TCOM 509-001/DL1 Internet Protocols (1.5)

Instructor  Dr. Qiang Lin
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Time and Place  Monday 7:20 PM – 10:00 PM, Innovation Hall 209.
                Each lecture will be broadcasted for on-line students and recorded for later access.
Office Hours  Before class or by appointment.


Slides
On GMU Blackboard.

Homework
Will be assigned every Monday and is due the following week's class unless specified differently. Although the homework can be turned in later time without penalty if the student gets my permission, there will be 20% penalty on turning in more than TWO homeworks on the final exam date.

Exams
There will be only one final exam for this course, which will be open book and open notes. The exam will be held in our lecture room, i.e., Innovation Hall 209, which means that the students from the DL session will take the final exam in Innovation Hall 209 with the students from the regular session. For any true remote students who cannot take the final in our classroom, special arrangement should be made in advance and approved by the instructor.

Project
There will be one term paper to be completed independently by each student with the title of “OSI Network Reference Model versus TCP/IP Network Reference Mode”.

Final Grade
The final grade will be determined from the combined scores of homework, term paper and final exam as follows:

- Homework 10%
- Term Paper 30%
- Final Exam 60%

Course Outline

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<tr>
<th>Date</th>
<th>Monday</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Aug 29</td>
<td>Introduction, Concept and Classful Address. Reading: Chapters 1, 3 and 4</td>
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<tr>
<td>Sept 12</td>
<td>ARP, Datagram Delivery and Forwarding IP Datagram. Reading: Chapters 5, 6 and 7</td>
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<td>Sept 19</td>
<td>ICMP and CIDR. Reading: Chapters 8 and 9</td>
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<td>Sept 26</td>
<td>UDP, TCP and Routing Architecture. Reading: Chapters 11 and 12</td>
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<td>Oct 3</td>
<td>BGP, RIP and OSPF. Reading: Chapters 13, 14 and 15; Term Paper due</td>
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<td>Oct 11</td>
<td>Final Exam</td>
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