COMPUTER INFORMATION SYSTEMS 1180
Introduction to Networking
3 credit hours

This is an information sheet only, not the course syllabus.

COURSE DESCRIPTION
Survey course in network management that provides the critical foundation of the theory and design of Local Area Networks (LAN). Includes network topologies, standards and protocols, LANs as nodes in larger networks in micro-to-mainframe links, the internet, wireless transmission, client-server, and an overview of security and Network Management and system administration. Prerequisite: Computer Information Systems 1150 or Computer Information Systems 1160 or consent of instructor. (3 lecture hours)

REQUIRED AND RECOMMENDED COURSE MATERIALS
Please follow the instructions below to locate information on the textbook and other materials for this course.

1. From COD home page, click on myACCESS.
2. Click on Search for Credit Classes.
3. From the Term drop-down box select the term.
4. Choose your course from the Subjects drop-down menu.
5. In the Course # field, enter your course number.
6. In the Section field, enter the course section number if known.
7. From the Course Types drop-down menu select Internet/Online.
8. Scroll to the bottom of the page and click on SUBMIT.
9. Click on the Section Name and Title link.
10. Click on Click here for prices of required textbook(s) and supplies and course material information will be displayed.

Alternatively, you can visit the COD Bookstore website to find this information.

COURSE OBJECTIVES

1. Identify the major network topologies.
2. Describe the International Standards Organization (ISO)/Open System Interconnection (OSI) reference models.
3. Identify the various public and vendor networks.
4. Differentiate the peer to peer and client/server networks.
5. Describe the functions of the major connectivity devices: hubs, switches, and routers.
6. Describe and justify various security measures on a network.
7. Explain the role of Network Management in the Information Technology environment.
8. Provide a feasibility study of a LAN design based on user requirements.
EVALUATION/GRADING

<table>
<thead>
<tr>
<th>Grading Element</th>
<th>Each Value</th>
<th>Total Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Homework Assignments</td>
<td>10 pts.</td>
<td>100 pts.</td>
</tr>
<tr>
<td>10 Discussions</td>
<td>5 pts.</td>
<td>50 pts.</td>
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<tr>
<td>Project</td>
<td>50 pts.</td>
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<tr>
<td>3 Exams</td>
<td>100 pts.</td>
<td>300 pts.</td>
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<td><strong>Total Points</strong></td>
<td><strong>500 pts.</strong></td>
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**Grading Scale**

A 90 - 100%
B 80 – 89%
C 70 – 79%
D 60 – 69%
F 0 – 59%

SATISFACTORY/FAIL OPTION

The S/F grade option is available to students in this course. Contact the instructor or refer to the syllabus for details and conditions.

INCOMPLETE GRADE POLICY

If you may find that you are unable to complete the course by the end of the semester for some unavoidable reason you may request an Incomplete grade. Contact the instructor or refer to the course syllabus for details.