



NEW YORK CITY COLLEGE OF TECHNOLOGY

THE CITY UNIVERSITY OF NEW YORK

Department of Computer Engineering Technology

300 Jay Street, Brooklyn, NY 11201-1909

CET4773: Internetworking Technology | Fall 2014

Schedule

Week	In-classroom Lab Topics (Wednesdays)	Online Topics (Fridays)
1 Fri, 8/29		Blackboard SiteLabSim (Account Setting) Module 0 – Introduction Module 1 – Networking Concepts (1.1, 1.2)
2 Wed, 9/3 Fri, 9/5	<ul style="list-style-type: none">▪ Intro to Inter-networking Technologies▪ Mindshare I (Devices and Cables)▪ Network Simulator I (Skill Builders: Part 1)	Module 1 – Networking Concepts (1.3, 1.4, 1.5, 1.6)
3 Wed, 9/10 Fri, 9/12	<ul style="list-style-type: none">▪ Mindshare 2 (The OSI Model)▪ Network Simulator 2 (Skill Builders: Part 2)	Module 2 – Cisco Devices
4 Wed, 9/17 Fri, 9/19	<ul style="list-style-type: none">▪ Mindshare 3 (Binary Numbers)▪ Network Simulator 3 (Skill Builders: Part 3)	Module 3 – LAN Implementation
5 Wed, 9/24* Tues, 9/23	<ul style="list-style-type: none">▪ No classes	Module 4 – Wireless Networks (This is Tuesday following Friday Schedule)

<p>6 Wed, 10/1 Fri, 10/3*</p>	<ul style="list-style-type: none"> ▪ Mindshare 4 (MAC Addressing) ▪ Network Simulator 4 (Configuration Scenarios: Part 1) 	<ul style="list-style-type: none"> ▪ No classes
<p>7 Wed, 10/8 Fri, 10/10</p>	<ul style="list-style-type: none"> ▪ Mindshare 5 (Switch Basics) ▪ Network Simulator 4 (Configuration Scenarios: Part 2) 	<p>Module 5 – Subnetting</p>
<p>8 Wed, 10/15 Fri, 10/17</p>	<ul style="list-style-type: none"> ▪ Mindshare 6 (Switch Behavior) ▪ Network Simulator 6 (Subnetting Exercises: Part 1a) 	<p>Module 6 – WAN Implementation</p>
<p>9 Wed, 10/22 Fri, 10/24</p>	<ul style="list-style-type: none"> ▪ Mid Term Exam (Modules 1 to 6) 	<p>Module 7 – Advanced Switching</p>
<p>10 Wed, 10/29 Fri, 10/31</p>	<ul style="list-style-type: none"> ▪ Mindshare 7 (IP Addresses) ▪ Network Simulator 7 (Subnetting Exercises: Part 1b) 	<p>Module 8 – Access Lists</p>
<p>11 Wed, 11/5 Fri, 11/7</p>	<ul style="list-style-type: none"> ▪ Mindshare 8 (Routing Protocols) ▪ Network Simulator 8 (Configuration Scenarios: Part 2 - Configuring VLANs) 	<p>Module 9 – IP Routing</p>
<p>12 Wed, 11/12 Fri, 11/14</p>	<ul style="list-style-type: none"> ▪ Mindshare 9 (Routing ARP) ▪ Network Simulator 9 (Configuration Scenarios: Part 3a) 	<p>Module 10 – Troubleshooting Routing</p>
<p>13 Wed, 11/19 Fri, 11/21</p>	<ul style="list-style-type: none"> ▪ Mindshare 10 (Routing NAT/PAT) ▪ Network Simulator 10 (Configuration Scenarios: Part 3b) 	<p>Module 11 – Frame Relay</p>

<p>14 Wed, 11/26 Fri, 11/28*</p>	<ul style="list-style-type: none"> ▪ Mindshare 11 (Protocols) ▪ Network Simulator 11 (Configuration Scenarios: Part 3c) 	<p>Happy Thanksgiving Day! No classes*</p>
<p>15 Wed, 12/3 Fri, 12/5</p>	<ul style="list-style-type: none"> ▪ Mindshare 12 (Subnetting) ▪ Network Simulator 12 (Configuration Scenarios: Router Configuration) 	<p>Module 12 – Advanced TCP/IP Configuration</p>
<p>16 Wed, 12/10 Fri, 12/12</p>	<ul style="list-style-type: none"> ▪ Review and Practice for Exam ▪ 100. Networking Concepts ▪ 200. Switching ▪ 300. IP Addressing ▪ 400. Routing ▪ 500. Wireless ▪ 600. Security 	<p>Module 13 – Network Security</p>
<p>17 Wed, 12/17</p>	<p>FINAL EXAM [Certification Practice Exam (60 questions)]</p>	

*No classes or meeting