

# Northern Neck Technical Center Governor's STEM Academy

## Computer Maintenance 1 Technology Course Calendar

Week	Topics	Assignments	Skills/Competencies
Week 1:	<ul style="list-style-type: none"> <li>● Orientation</li> <li>● Teambuilding/Icebreakers</li> <li>● Review of Student Handbook</li> <li>● Policies/Procedures (Internet Usage Policy)</li> <li>● SkillsUSA</li> <li>● Progress Measuring Pretest</li> </ul>	<ul style="list-style-type: none"> <li>● Return all required paperwork signed</li> <li>● Interest Inventories/Activities to familiarize everyone</li> <li>● Students will be administered a pretest as a baseline for measuring progress</li> </ul>	CMT I: 030, 031, 032, 033 CMT II: 030, 031, 032, 033
Week 2:	<ul style="list-style-type: none"> <li>● Chapter 1: Communications and Professionalism (pp. 2-19)</li> </ul>	<ul style="list-style-type: none"> <li>● Research Based Instructional Strategies</li> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Quiz #1 on 9/14</li> </ul>	CMT I: 034,035,036,101,102,103 CMT II: 012, 022-29, 038, 039
Week 3:	<ul style="list-style-type: none"> <li>● Chapter 2: Basic PC Terms and Concepts (pp.22-85)</li> </ul>	<ul style="list-style-type: none"> <li>● Vocabulary Assignment</li> <li>● Quiz #2 on 9/21</li> </ul>	CMT I: 035-045 CMT II: 035,036,037,041
Week 4:	<ul style="list-style-type: none"> <li>● Chapter 3: Advanced System Boards (pp. 88-183)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT I: 037,038 CMT II:
Week 5:	<ul style="list-style-type: none"> <li>● Chapter 3: Advanced System Boards (pp. 88-183)</li> </ul>	<ul style="list-style-type: none"> <li>● Research Based Instructional Strategy Class Activity</li> <li>● Unit Test on 10/5</li> </ul>	CMT I: 039,040 CMT II: 042,079,115
Week 6:	<ul style="list-style-type: none"> <li>● Chapter 4: Standard I/O Systems (pp. 186-249)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategies</li> <li>● Quiz #4 on 10/12</li> </ul>	CMT I: 041,042 CMT II:
Week 7:	<ul style="list-style-type: none"> <li>● Chapter 4: Standard I/O Systems (pp. 186-249)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● HDD Cloning Practice</li> </ul>	CMT I: 041,042, 043 CMT II:017
Week 8:	<ul style="list-style-type: none"> <li>● Ch. 5: Mass Storage Systems</li> </ul>	<ul style="list-style-type: none"> <li>● Quiz #5 on 10/26</li> </ul>	CMT I: 061,062,063,064,065,066

	(pp. 252-311)	<ul style="list-style-type: none"> <li>• Research Based Instructional Strategies</li> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT II:
Week 9:	<ul style="list-style-type: none"> <li>• Ch. 5: Mass Storage Systems (pp. 252-311)</li> </ul>	<ul style="list-style-type: none"> <li>• Research Based Instructional Strategies</li> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT I: 066, 067, +073, 074, 075, CMT II: 052, 066, 067, 073-075
Week 10:	<ul style="list-style-type: none"> <li>• Chapter 6: Data Communications (pp. 314-391)</li> </ul>	<ul style="list-style-type: none"> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>• Drawing Activity (Network Topologies)</li> <li>• Quiz #6 on 11/9</li> </ul>	CMT I: 083,084,085,086,087,088 CMTII:
Week 11:	<ul style="list-style-type: none"> <li>• Chapter 6: Data Communications (pp. 314-391)</li> </ul>	<ul style="list-style-type: none"> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>• Quiz #7 on 11/16</li> </ul>	CMT I: 077, 078, 079, 080, 081, 082 CMT II:
Week 12:	<ul style="list-style-type: none"> <li>• Chapter 7: Printers (pp. 394-457)</li> </ul>	<ul style="list-style-type: none"> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT I: 077, 078, 079, 080, 081, 082 CMT II:
Week 13:	<ul style="list-style-type: none"> <li>• Troubleshooting Practice and Customer Intake begins</li> </ul>	<ul style="list-style-type: none"> <li>• Research Based Instructional Strategies</li> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT I: 077, 078, 079, 080, 081, 082 CMT II:
Week 14:	<ul style="list-style-type: none"> <li>• Ch. 8: Portable Systems (pp. 460-509)</li> </ul>	<ul style="list-style-type: none"> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>• Quiz #8 on 12/14</li> </ul>	CMT I: 060,061,065,070,071 CMT II: 072,095-098
Week 15:	<ul style="list-style-type: none"> <li>• Ch. 8: Portable Systems (pp. 460-509)</li> </ul>	<ul style="list-style-type: none"> <li>• Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT I: 077,078 CMT II:071,094,103,105,106,108,109
Week 15:	<ul style="list-style-type: none"> <li>• Chapter 9: Operating System Fundamentals (pp. 512-551)</li> </ul>	<ul style="list-style-type: none"> <li>• Various Activities, Handouts, Group-work, and internet</li> </ul>	CMT I: 058,059,063,064 CMTII:128,136

		<ul style="list-style-type: none"> <li>based research implemented</li> <li>● Research Based Instructional Strategy implemented</li> </ul>	
Week 16:	<ul style="list-style-type: none"> <li>● Chapter 9: Operating System Fundamentals (pp. 512-551)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: 058,059,063,064 CMTII:128,136
Week 17:	<ul style="list-style-type: none"> <li>● Chapter 10: Windows Operating Systems (pp. 554-655)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: 058,059,063,064 CMTII:128,136
Week 18:	<ul style="list-style-type: none"> <li>● Chapter 11: Basic System Troubleshooting (pp. 658-733)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: 066,067,068,069 CMTII:087,088,090,091,137-144
Week 19:	<ul style="list-style-type: none"> <li>● Chapter 12: Operating System Troubleshooting (pp. 736-823)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: 074,075,076 CMT II:
Week 20:	<ul style="list-style-type: none"> <li>● Chapter 12: Operating System Troubleshooting (pp. 736-823)</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> <li>● Test on 2/8</li> </ul>	CMT I: 082 CMTII:125,126
Week 21:	<ul style="list-style-type: none"> <li>● Chapter 13: Security and Preventive Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: CMT II:
Week 22:	<ul style="list-style-type: none"> <li>● Chapter 13: Security and Preventive Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: CMT II:
Week 23:	<ul style="list-style-type: none"> <li>● Chapter 13: Security and Preventive Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy</li> </ul>	CMT I: CMT II:

Week 24:	<ul style="list-style-type: none"> <li>Chapter 13: Security and Preventive Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy</li> </ul>	CMT I: CMT II:
Week 25:	<ul style="list-style-type: none"> <li>Technical Checkpoints and Reviewing Segments</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy</li> </ul>	CMT I: CMT II:
Week 26:	<ul style="list-style-type: none"> <li>Technical Checkpoints and Reviewing Segments</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy</li> </ul>	CMT I: CMT II:
Week 27:	<ul style="list-style-type: none"> <li>Career and Resume Building</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy</li> <li>Tie Tying Activity</li> <li>Resume Templates</li> </ul>	CMT I: CMT II:
Week 28:	<ul style="list-style-type: none"> <li>Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy implemented</li> </ul>	CMT I: 001, 002 CMTII: 001, 002
Week 29:	<ul style="list-style-type: none"> <li>Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy implemented</li> </ul>	CMT I: 003,004 CMTII: 003,004
Week 30:	<ul style="list-style-type: none"> <li>Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>Research Based Instructional Strategy implemented</li> </ul>	CMT I: 005,006 CMTII: 005,006
Week 31:	<ul style="list-style-type: none"> <li>Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>Various Activities, Handouts, Group-work, and internet based research implemented</li> </ul>	CMT I: 007,008 CMTII: 007,008

		<ul style="list-style-type: none"> <li>● Research Based Instructional Strategy implemented</li> </ul>	
Week 32:	<ul style="list-style-type: none"> <li>● Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy implemented</li> </ul>	CMT I: 009,010 CMTII: 009,010
Week 33:	<ul style="list-style-type: none"> <li>● Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy implemented</li> </ul>	CMT I: 011,012,017,018 CMTII: 011,012,017,018
Week 34:	<ul style="list-style-type: none"> <li>● Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy implemented</li> </ul>	CMT I: 013,014,019,020 CMTII: 013,014,019,020
Week 35:	<ul style="list-style-type: none"> <li>● Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy implemented</li> </ul>	CMT I: 015,016 CMTII: 015,016
Week 36:	<ul style="list-style-type: none"> <li>● Workplace Readiness Skills Preparation and Instruction</li> </ul>	<ul style="list-style-type: none"> <li>● Various Activities, Handouts, Group-work, and internet based research implemented</li> <li>● Research Based Instructional Strategy implemented</li> </ul>	CMT I: 020,021 CMTII: 020,021