



Tooele Applied Technology College

88 S Tooele Blvd, Tooele, Utah 84074

435-248-1800

Certificate Syllabus		Networking Technician(Net+)
Certificate (Catalog Year: 2017)		
TATC Core (610 hours required)		Hours
<i>Network Technician(Net+) (610 hours required)</i>		<i>Hours</i>
<i>Computer Literacy for IT (ITEC1011)</i>		90.00
<i>Computing Basics (1)</i>		15.00
<i>Micorsoft Word (2)</i>		20.00
<i>Microsoft Excel (3)</i>		20.00
<i>Microsoft PowerPoint (4)</i>		20.00
<i>Microsoft Access (5)</i>		15.00
A+ Essentials and Practical Applications (ITEC1650)		180.00
<i>First Look at Computer Parts and Tools (1)</i>		12.00
<i>Working inside a Desktop Computers and Laptops (2)</i>		8.00
<i>All about Motherboards (3)</i>		8.00
<i>Supporting Processors and Upgrading Memory (4)</i>		8.00
<i>Supporting the Power System and Troubleshooting Computers (5)</i>		8.00
<i>Supporting Hard Drives and Other Storage Devices (6)</i>		8.00
<i>Survey of Windows Features and Support Tools (7)</i>		8.00
<i>Installing Windows (8)</i>		8.00
<i>Supporting I/O Devices (9)</i>		8.00
<i>Maintaining Windows (10)</i>		8.00
<i>Optimizing Windows (11)</i>		8.00
<i>Supporting Customers and Troubleshooting Windows (12)</i>		8.00
<i>Troubleshooting Windows Startup (13)</i>		8.00
<i>Connecting to and setting up a Network (14)</i>		8.00
<i>Supporting Network Hardware (15)</i>		8.00
<i>Supporting Mobile Operating Systems (16)</i>		8.00
<i>Windows Resources on a Network (17)</i>		8.00
<i>Security Strategies (18)</i>		8.00
<i>Supporting Printer and Customizing a System (19)</i>		8.00
<i>Virtualization, Linux, and Mac OS X (20)</i>		8.00
<i>Final Test and Preparation for CompTIA A+ 220-901 and 220-902 (21)</i>		16.00
A+ Essentials and Practical Applications (Computer Based Training) (ITEC1655)		120.00
<i>1.0 Computing Overview (1)</i>		5.00
<i>PC Technician (2)</i>		5.00
<i>System Components (3)</i>		5.00

<i>Peripheral Devices (4)</i>	5.00
<i>Storage (5)</i>	5.00
<i>Networking (6)</i>	5.00
<i>Printing (7)</i>	5.00
<i>Mobile Devices (8)</i>	5.00
<i>Windows System Management (9)</i>	5.00
<i>System Implementation (10)</i>	5.00
<i>File Management (11)</i>	5.00
<i>Security (12)</i>	5.00
<i>Troubleshooting (13)</i>	5.00
<i>Capstone Exercise (14)</i>	10.00
<i>PC Pro Certification Practice Exams (15)</i>	15.00
<i>Practice Exams (16)</i>	15.00
<i>Practice Exams (17)</i>	15.00
Network + (ITEC1605)	120.00
<i>Introduction to Networking (1)</i>	9.00
<i>How Computers Find Each Other on Networks (2)</i>	9.00
<i>How Data is Transmitted Over Networks (3)</i>	9.00
<i>Structured Cabling and Networking Elements (4)</i>	9.00
<i>Network Cabling (5)</i>	9.00
<i>Wireless Networking (6)</i>	9.00
<i>Cloud Computing and Remote Access (7)</i>	9.00
<i>Network Risk Management (8)</i>	9.00
<i>Unified Communications and Network Performance Management (9)</i>	9.00
<i>Network Segmentation and Virtualization (10)</i>	9.00
<i>Wide Area Networks (11)</i>	9.00
<i>Industrial and Enterprise Networking (12)</i>	9.00
<i>Final Test and Preparation for CompTia N10-006 (13)</i>	12.00
Network + (Computer Based Training (ITEC1606)	80.00
<i>0.0 Introduction (1)</i>	1.00
<i>1.0 Networking Basics (2)</i>	4.00
<i>2.0 Cables and Connectors (3)</i>	4.00
<i>3.0 Networking Devices (4)</i>	4.00
<i>4.0 Ethernet (5)</i>	4.00
<i>5.0 IP Configuration (6)</i>	4.00
<i>6.0 Switch Management (7)</i>	4.00
<i>7.0 Routing (8)</i>	4.00
<i>8.0 Firewalls (9)</i>	4.00
<i>9.0 Network Customization (10)</i>	4.00
<i>10.0 Wireless Networking (11)</i>	4.00
<i>11.0 Wide Area Networks (WANS) (12)</i>	4.00
<i>12.0 Network Policies and Procedures (13)</i>	5.00
<i>13.0 Network Security (14)</i>	5.00
<i>14.0 Network Hardening (15)</i>	5.00

<i>15.0 Network Management (16)</i>	5.00
<i>16.0 Network Optimization (17)</i>	5.00
<i>Network Pro Practice Exams (18)</i>	5.00
<i>Network + Practice Exams (19)</i>	5.00
Workplace Relations (WKS1501)	20.00
<i>Attitude (1)</i>	5.00
<i>Time Management (2)</i>	5.00
<i>Communication (3)</i>	5.00
<i>Conflict Resolution/Relationship Building (4)</i>	5.00
TATC Recommended Course (0 hours required)	Hours
<i>Network Technician(Net+) (0 hours required)</i>	Hours
Keyboarding Basics (BTEC1000)	30.00
<i>Lesson 1-6 (1)</i>	10.00
<i>Lesson 7-12 (2)</i>	10.00
<i>Lesson 13-18 & final assessment (3)</i>	10.00