IT Networking and Infrastructure Administration

TECHNICAL DIPLOMA

Program Code: 31-150-2 | Downtown Milwaukee Campus
(Also offered online)

With hands-on coursework, you will set up network operating systems, work with emerging technologies, and prepare for certifications including the VMware Certified Professional-Datacenter Virtualization (VCP-DCV), Cisco Certified Networking Associate (CCNA), Microsoft Certified Technology Specialist (MCTS) - Windows 7, MCTS - Windows Server 2012 Active Directory, MCTS - Windows Server 2012 Network Infrastructure, CompTIA A+, Network+ and Security+.

Workplace Competencies
Employers will expect graduates to:
• Implement network security
• Install network/server hardware, software and operating systems
• Support, monitor and maintain computers and computer networks
• Work with emerging technologies such as machine virtualization, wireless networking and VoIP

Career Outlook
Employment opportunities are expected to grow for network administrators, technicians and desktop support specialists.

Admission Requirements
• A high school diploma or GED
• One year of high school-level algebra or one semester of college-level algebra
• Demonstration of basic skills through a course placement assessment

Start dates: August and January

MATC.edu | 414-297-MATC
### IT Networking and Infrastructure Administration Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITNET-101</td>
<td>Network Communications (Network+)</td>
<td>3</td>
</tr>
<tr>
<td>ITNET-131</td>
<td>Introduction to Networks (Cisco 1)</td>
<td>3</td>
</tr>
<tr>
<td>ITNET-110</td>
<td>Manage Windows Desktop Client Operating System</td>
<td>3</td>
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<tr>
<td>ITNET-132</td>
<td>Routing/switching Essentials (Cisco 2) ‡</td>
<td>3</td>
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<tr>
<td>ITNET-112</td>
<td>MS Server Administration 1</td>
<td>3</td>
</tr>
<tr>
<td>ITNET-157</td>
<td>Emerging IT Technologies ‡</td>
<td>3</td>
</tr>
<tr>
<td>ITNET-111</td>
<td>MS Server Administration 2</td>
<td>3</td>
</tr>
<tr>
<td>ITNET-133</td>
<td>Scaling Networks (Cisco 3) ‡</td>
<td>3</td>
</tr>
<tr>
<td>ITNET-134</td>
<td>Connecting Networks (Cisco 4) ‡</td>
<td>3</td>
</tr>
<tr>
<td>MATH-123</td>
<td>Math with Business Applications</td>
<td>3</td>
</tr>
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</table>

**TOTAL CREDITS: 30**

‡ Prerequisite required. Curriculum requirements are subject to change.

For complete information, go to matc.edu/business/index.cfm

To apply for financial aid, visit fafsa.ed.gov

School Code: 003866

Possible Careers

- Cisco Certified Network Associate
- Desktop Support Specialist
- IT Field Technician
- Junior Network Administrator
- Network Technician

Related Programs

- IT Computer Support Specialist
- IT Information Systems Security Specialist
- IT Network Specialist
- IT Network Specialist – Accelerated

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