

IT certifications are an important way of documenting the achievement of hardware and/or software skills. Certifications are externally constructed tests – many with worldwide standing – that are often used in initial hiring and in-house promotion procedures. Many IT credentials must also be periodically renewed through testing.

MTC offers courses to prepare students to take certain certification exams. Listed below are blocks of courses associated with various certification exams. Students completing these courses will be awarded corresponding college credit (which may be applied toward an associate degree program) and an **MTC IT** certificate. MTC also operates a testing center to facilitate completion of a variety of exams.

Contact the Information Technologies department for more details.

## COMPUTER NETWORKING CERTIFICATE (MCTS, MCP, MCSA, MCSE)

### <sup>1</sup>Short-Term Technical Certificate

Course No	Course Title	Credit Hours	Qtrs Offered	Pre-Requisites
CIT 1300A	Information Technology Essentials/A+	4	F	OIS1200A or TST <sup>2</sup>
CIT 1500A	Supporting a Microsoft® Client OS/MCSE I	4	W	CIT1300A
CIT 2200A	Supporting Microsoft® Server OS/MCSE II	4	Sp	CIT1500A
CIT 2250A	Implementing a Microsoft® OS Network Infrastructure/MCSE III	4	F	CIT2200A
CIT 2300A	Implementing a Microsoft® Active Directory Infrastructure/MCSE IV	4	Sp	CIT2200A
<b>Credit Hour Total</b>		<b>20</b>		

<sup>1</sup> OBR Operating Manual for Two-Year Colleges, page 392.05

<sup>2</sup> TST = Technology Skills Test

#### Industry Certifications

**Microsoft® Certified Technology Specialist (MCTS)**  
**Microsoft® Certified Professional (MCP)**  
**Microsoft® Certified System Administrator (MCSA)**  
**Microsoft® Certified System Engineer (MCSE)**  
**CompTIA A+**

## NETWORKING INFRASTRUCTURE CERTIFICATE (CCENT, CCNA)

### <sup>1</sup>Short-Term Technical Certificate

Course No	Course Title	Credit Hours	Qtrs Offered	Pre-Requisites
TCT 1750A	Network Structure	4	F	None
CIT 2610A	Networking Basics/Cisco® I	4	Sp	OIS1200A or TST <sup>2</sup>
CIT 2620A	Routers and Routing Basics/Cisco® II	4	F	CIT2610A
CIT 2630A	Switching Basics and Intermediate Routing/Cisco® III	4	W	CIT2620A
CIT 2640A	WAN Technologies/Cisco® IV	4	Sp	CIT2630A
<b>Credit Hour Total</b>		<b>20</b>		

<sup>1</sup> OBR Operating Manual for Two-Year Colleges, page 392.05

<sup>2</sup> TST = Technology Skills Test

#### Industry Certifications

**Cisco® Certified Entry Level Technician (CCENT)**  
**Cisco® Certified Network Associate (CCNA)**