

# CERTIFICATE OF ACHIEVEMENT, COMPUTER TECHNOLOGIES

## Program Description

The Certificate of Achievement, Computer Technologies provides students with a broad knowledge of computer systems and technologies that can be used for entry-level employment or pursuit of an Associate of Applied Science degree.

## Recommended Course Schedule

1st semester		Units
CIT 112	Network +	3
CIT 114	IT Essentials	4
CSCO 120	CCNA Internetworking Fundamentals	4
Mathematics <sup>1</sup>		3
<b>Semester Total</b>		<b>14</b>
2nd semester		Units
CIT 263	Project Management	3
Communications <sup>1</sup>		3
Emphasis Requirement: At least 7 units from CIT, CS, CSCO, or IS course numbered 100 or higher. <sup>1</sup>		7
Human Relations <sup>1</sup>		3
<b>Semester Total</b>		<b>16</b>
<b>Total Units</b>		<b>30</b>

<sup>1</sup>

See program recommendations or requirements.

AAS degrees are generally non-transfer degrees that are designed for students to enter the workforce.

To earn an AAS degree, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 units within the college.
3. Satisfy General Education requirements for the AAS (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
<b>General Education Requirements</b>		
<i>Communications</i>		3
Highly Recommended:		
BUS 107 or ENG 107	Business Speech Communications Technical Communications I	
<i>Human Relations</i>		3
Highly Recommended:		
MGT 212	Leadership and Human Relations	
<i>Mathematics</i>		3
Recommended:		
MATH 126	Pre-Calculus I (or higher)	

### Certificate Requirements

CIT 112	Network +	3
CIT 114	IT Essentials	4
CIT 263	Project Management	3
CSCO 120	CCNA Internetworking Fundamentals	4

### Emphasis Requirements

Select at least 7 units from any CIT, CS, CSCO, or IS course numbered 100 or higher	7
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<b>Total Units</b>	<b>30</b>
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Students completing the certificate will:

- Have the technical proficiency required to perform entry level technical support functions to include computer maintenance, basic network design and layout. Fundamentals of cyber security and program management.