

# Computer Information Systems: Software/Network Support

2018-2019 Catalog

Award Granted Upon Completion: Associate in Applied Science in CIS: Software/Network Support

Credits/Contacts Required: **60/62**

Major code: 03/323

CIP Code: 110301

## Description

The CIS: Software/Network Support program is designed to prepare individuals for positions providing technical support, assistance, trouble-shooting, and training to end computer users for software, hardware, and networks. The program emphasizes problem solving using current software packages, hardware configurations, operating systems, and networks. A graduate of the program will have the potential for employment in the areas of Help Desk Support, network support, software training, and web page development.

### General Education Requirements – Min 15 credits

		<u>Cr</u>
ENGL-101	Rhetoric & Composition	3
BUSN-177	Mathematics of Business **	3
XXXX-xxx	Social & Behavioral Science or Humanities Elective	3
XXXX-xxx	General Education Electives	6

### Requirements – Min 45 credits \*

		<u>Cr</u>
CIS-101	Computer Concepts & Applications	4
CIS-115	Using Microsoft Windows	3
CIS-120	Microsoft Word	1
CIS-123	Microsoft PowerPoint	1
CIS-130	Spreadsheet Applications	3
CIS-135	Introduction to Cybersecurity	2
CIS-140	Database Applications	3
CIS-210	Web Page Design & Structure	3
CNSS-130	Introduction to Networks	4
CNSS-150	A+ Computer Maintenance	4
CNSS-230	Introduction to Unix Using Linux	4
CNSS-250	Windows Networking I	4
CNSS-251	Windows Networking II	4
XXXX-xxx	Approved Electives *	5

#### \* Approved Electives (Choose minimum 5 credits)

BUSN-195	Business Communications	3
BUSN-203	Management Information Systems	3
CIS-103	Visual Basic – <b>OR</b> –	3-4
CSCI-121	C++ Programming I	
CIS-125	Business Technology Tools	2
CIS-203	Visual Basic for Applications	3
CIS-215	Web Publishing	3
CIS-240	Advanced Database Apps	3
CIS-271	CIS Internship/Co-op*	1
CIS-272	CIS Internship/Co-op*	2
CIS-273	CIS Internship/Co-op*	3
CNSS-101	Emerging Technologies	4
CNSS-115	Cyber Ethics	3
CNSS-220	Network Design	4

Internships and Co-ops may require that the student pass a criminal background check.

### Suggested Sequences Per Semester

		<u>Cr / Ct</u>
<b>First Semester</b>		
CIS-101	Computer Concepts & Applications	4/4
CIS-115	Using Microsoft Windows	3/3
CIS-120	Microsoft Word	1/1
CIS-123	Microsoft PowerPoint	1/1
CNSS-130	Introduction to Networks	4/4
ENGL-101	Rhetoric & Composition	3/3
		<b>16/16</b>

<b>Second Semester</b>		
BUSN-177	Mathematics of Business **	3/3
CIS-135	Intro to Cybersecurity	2/2
CIS-130	Spreadsheet Applications	3/3
CNSS-150	A+ Computer Maintenance	4/6
XXXX-xxx	Social & Behavioral Sciences/ Humanities Elective	3/3
		<b>15/17</b>

<b>Third Semester</b>		
CIS-140	Database Applications	3/3
CIS-210	Web Page Design & Structure	3/3
CNSS-250	Windows Networking I	4/4
XXXX-xxx	Approved Electives *	2/2
XXXX-xxx	General Education Electives	3/3
		<b>15/15</b>

<b>Fourth Semester</b>		
CNSS-230	Introduction to Unix Using Linux	4/4
CNSS-251	Windows Networking II	4/4
XXXX-xxx	Approved Electives *	3/3
XXXX-xxx	General Education Electives	3/3
		<b>14/14</b>

\* Internship/Co-op credits (maximum 3) may be used as elective credits. All internship/co-ops must be approved by an advisor.

\*\* MATH-105, MATH-107, MATH-110 or MATH-210 also accepted