

# Computer Information Systems: Software/Network Support

2017-2018 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>

\* Keyboarding proficiency is necessary for the successful completion of this degree. Students may demonstrate proficiency by successfully passing the keyboarding test available through Testing Services. Students without prior keyboarding experience should enroll in OIS-090 Computer Keyboarding.

\*\* 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