

Computer Information Systems: Software/Network Support, AAS

2023-2024 Catalog

Award Granted Upon Completion:

Associate in Applied Science in Computer Information Systems: 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. Graduates of this program will also have the opportunity to earn industry-recognized certifications.

General Education Requirements (Min 15 Credits)

- ENGL 101 - Rhetoric & Composition **Credit(s): 3**
- BUSN 177 - Mathematics of Business **Credit(s): 3 ****
- XXXX xxx - Social & Behavioral Science or Humanities Elective **Credit(s): 3**
- XXXX xxx - General Education Electives **Credit(s): 6**

Program Requirements (Min 48 Credits)

- CIS 101 - Computer Concepts & Applications **Credit(s): 4 #**
- CIS 123 - Microsoft PowerPoint **Credit(s): 1 #**
- CIS 130 - Spreadsheet Applications **Credit(s): 3 #**
- CIS 135 - Introduction to Cybersecurity **Credit(s): 2**
- CIS 140 - Database Applications **Credit(s): 3 #**
- CIS 210 - Web Page Design & Structure **Credit(s): 3**
- CNSS 130 - Introduction to Networks **Credit(s): 4 +**
- CNSS 150 - A plus Computer Maintenance **Credit(s): 4 +**
- CNSS 230 - Introduction to Unix Using Linux **Credit(s): 4**
- CNSS 250 - Windows Networking I **Credit(s): 4 +**
- CNSS 251 - Windows Networking II **Credit(s): 4**
- OIS 150 - Word Processing Applications **Credit(s): 4 #**
- XXXX xxx - Approved Electives **Credit(s): 5 ***

* Approved Electives (Min 5 Credits)

- BUSN 105 - Professional Workplace Skills **Credit(s): 2**
- BUSN 195 - Business Communications **Credit(s): 3**
- BUSN 203 - Management Information Systems **Credit(s): 3**
- CIS 125 - Business Technology Tools **Credit(s): 2**
- CIS 215 - Web Publishing **Credit(s): 3**
- CIS 271 - Computer Information Systems Internship/Co-op **Credit(s): 1 ***
- CIS 272 - Computer Information Systems Internship/Co-op **Credit(s): 2 ***
- CIS 273 - Computer Information Systems Internship/Co-op **Credit(s): 3 ***
- CNSS 115 - Cyber Ethics **Credit(s): 3**
- CNSS 220 - Network Design **Credit(s): 4**
- CNSS 225 - Wireless Systems **Credit(s): 4**
- CNSS 231 - Advanced Linux System Administration **Credit(s): 4**
- CNSS 245 - SQL Server **Credit(s): 4**
- CSCI 101 - Computer Science I **Credit(s): 3**
- CSCI 120 - Principles of Programming **Credit(s): 4**
- OIS 250 - Advanced Word Processing Applications **Credit(s): 3**

Suggested Sequences Per Semester

First Semester

- CIS 101 - Computer Concepts & Applications **Credit(s): 4 #**
 - CNSS 130 - Introduction to Networks **Credit(s): 4 +**
 - CNSS 150 - A plus Computer Maintenance **Credit(s): 4 +**
 - ENGL 101 - Rhetoric & Composition **Credit(s): 3**
- First Semester Total - Credit(s): 15 | Contacts: 17**

Second Semester

- BUSN 177 - Mathematics of Business **Credit(s): 3 ****
 - CIS 123 - Microsoft PowerPoint **Credit(s): 1**
 - CIS 130 - Spreadsheet Applications **Credit(s): 3 #**
 - CNSS 230 - Introduction to Unix Using Linux **Credit(s): 4**
 - OIS 150 - Word Processing Applications **Credit(s): 4 #**
- Second Semester Total - Credit(s): 15 | Contacts: 15**

NOTES:

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

* 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

+ These classes are prerequisites to other courses in the program. Failure to take them in proper sequence may delay program completion.

These courses must be taken within five years of graduation to meet program requirements.

Third Semester

- CIS 135 - Introduction to Cybersecurity **Credit(s): 2**
 - CIS 140 - Database Applications **Credit(s): 3 #**
 - CIS 210 - Web Page Design & Structure **Credit(s): 3**
 - CNSS 250 - Windows Networking I **Credit(s): 4 +**
 - XXXX xxx - Social & Behavioral Science or Humanities Elective **Credit(s): 3**
- Third Semester Total - Credit(s): 16-23 | Contacts: 16-23**

Fourth Semester

- CNSS 251 - Windows Networking II **Credit(s): 4**
 - XXXX xxx - Approved Electives **Credit(s): 5 ***
 - XXXX xxx - General Education Electives **Credit(s): 6**
- Fourth Semester Total - Credit(s): 15 | Contacts: 15**