

# Computer Information Technology

## Associate of Applied Science Degree

### Career and Technical Program

In addition to the specific Computer Information Technology courses, students must take a minimum of 15 credits of A.A.S. general education courses as specified in the program requirements.

The Computer Information Technology (CITE) program prepares students for careers in information technology by offering a one-year Intermediate Technical Certificate, a two-year Advanced Technical Certificate, and an Associate of Applied Science Degree. The A.A.S. degree in CITE is a two-year program that will prepare students for working with sophisticated networking hardware and operating system software and will lead to industry recognized certifications. It also includes all related coursework to complete A.A.S. degree requirements.

The CITE one-year Intermediate Technical Certificate teaches the foundation of information technology job skills and the two-year Advanced Technical Certificate includes all the technical coursework of the A.A.S. degree, but with reduced general education requirements.

The CITE program is designed to provide students with essential skills to plan, implement, administer, support, and secure networked computer systems and associated users, as well as install and configure routers and switches in multiprotocol internetworks using LAN and WAN interfaces. North Idaho College operates a Cisco Networking Academy. NIC is a Microsoft IT Academy member institution and maintains academic partnerships with industry leaders such as CompTIA and VMware.

Continued advances in network technology have created an increased need for professionals trained in the information technology field. Students will gain essential technical instruction that enables them to perform tasks such as network design, installation, maintenance, and management as well as fill network administration and systems administration job roles.

This is a selective enrollment program. Successful completion of the each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses.

Contact the Career and Technical Programs advisor for the information on selective enrollment criteria.

### Program Requirements

#### First Semester

Course No.	Title	Credits
CITE-116	Desktop Operating System Support	3
CITE-118	Computer Essentials	2
CITE-119	Computer Essentials Projects	2
CITE-127	Desktop Commodity Operating System Support Projects	2
ENGL-101	English Composition <sup>1</sup>	3
_____	A.A.S. Mathematical Ways of Knowing <sup>2</sup> 3-5	3-5
		<b>Semester Total 15-17</b>

#### Second Semester

CITE-104	Systems Administration I	3
CITE-105	Systems Administration I Projects	3
CITE-121	Network Support I	3
CITE-122	Network Support I Projects	3
COMM-101	Introduction to Speech Communication <sup>1</sup>	3
		<b>Semester Total 15</b>

#### Third Semester

CITE-206	Systems Administration II	3
CITE-207	Systems Administration II Projects	3
CITE-213	Network Support II	3
CITE-215	Network Support II Projects	3
_____	A.A.S. Social and Behavioral Ways of Knowing <sup>3</sup>	3
		<b>Semester Total 15</b>

#### Fourth Semester

CITE-208	Systems Administration III	3
CITE-209	Systems Administration III Projects	3
CITE-217	Network Support III	3
CITE-219	Network Support III Projects	3
CITE-295	CITE Internship	4
_____	or ATEC-117 Occupational Relations and Job Search	(2)
_____	A.A.S. Institutionally Designated <sup>3</sup>	3
		<b>Semester Total 17-19</b>
		<b>Program Total 62-66</b>

#### Notes:

- <sup>1</sup> Satisfies A.A.S. degree general education requirement.
- <sup>2</sup> Mathematics requirement includes any math course that is MATH-123 or higher and meets the A.A.S. degree requirements listed on page 50.
- <sup>3</sup> Select from A.A.S. degree requirements listed on page 50.