INFORMATION TECHNOLOGY

To earn an associate of applied science degree in Information Technology, a student must successfully complete the following general education and core requirements, in addition to one of the specific concentrations listed in the following pages. Students are encouraged to seek advisement to build a program consistent with their career goals.

There are many career opportunities in Information Technology career fields. Students will study in a wide range of programs that expose them to innovative technologies that impact the world.

Required Program of Study for
Associate of Applied Science Degree (2 years)

Core Requirements

Course	Credits
ACCT 1100 Survey of Accounting	3
INFO 1020 Introduction to Information Technology	3
INFO 1420 Introduction to Programming in C#	4
INFO 1170 Operating Systems I	3
INFO 2330 Database Concepts, Design and Application	4
INFO 1725 HTML, CSS, and JavaScript	3
INFO 2040 Project Management	3
	23

General Education Requirements

Course	Credits
BSAD 1000 Human Relations and Ethics **OR** PSYC 1810 Introduction to Psychology	3
BSAD 2050 Business Communications	3
ECON 2110 Principles of Macroeconomics	3
INFO 1100 Microcomputer Applications	3
MATH 1100 Topics and Ideas in Mathematics	3
	15

Core Requirements	23
General Education Requirements	15
Approved Concentration Electives	25-35
Total Credit Hours	**63-73**

BUILD YOUR INFORMATION TECHNOLOGY DEGREE

The information technology career field has many areas of specialization. In order to give students the ability to choose their areas of specialization, the information technology department has developed several AAS degree concentrations which focus on a wide variety of topics.

STEP ONE:
Choose any two of the following career concentrations:
- Cisco Networking Academy
- Information Security
- System Administration
- Web and Visual Application Development
- Technical Services Support

STEP TWO:
Match two chosen concentrations from each row and column to find the page for unique AAS degree concentration.
(*For example, if you chose Cisco Networking and Technical Services Support, you would find your AAS program of study on page 120.*)

STEP THREE:
Go to the page listed with your AAS Concentration.

	Cisco Networking	Information Security	System Administration	Technical Services Support	Web and Visual Application Devl
Cisco Networking		pg. 121	pg. 122	pg. 123	pg. 127
Information Security	pg. 121		pg. 124	pg. 125	pg. 128
System Administration	pg. 122	pg. 124		pg. 126	
Technical Services Support	pg. 123	pg. 125	pg. 126		pg. 129
Web and Visual Application Devl	pg. 127	pg. 128		pg. 129	

View Full Catalog: https://northeast.edu/catalog

CISCO NETWORKING ACADEMY AND TECHNICAL SERVICES SUPPORT CONCENTRATION

This degree concentration combines the information technology core and general education requirements plus the courses from the cisco networking academy certificate and the technical services support certificate. A student completing this degree will have the necessary skills to be an entry-level networking engineer and provide necessary technical services support within an organization.

Required Program of Study for
Associate of Applied Science Degree (2 years)

FIRST YEAR

Fall Semester

Course	Credits
BSAD 2050 Business Communications*	3
INFO 1020 Introduction to Information Technology	3
INFO 1100 Microcomputer Applications*	3
INFO 1170 Operating Systems I	3
INFO 1420 Introduction to Programming in C#	4
	16

Spring Semester

Course	Credits
ACCT 1100 Survey of Accounting	3
ECON 2110 Principles of Macroeconomics*	3
INFO 1725 HTML, CSS, and JavaScript	3
INFO 1850 Operating Systems II	3
INFO 2330 Database Concepts, Design and Application	4
MATH 1100 Topics and Ideas in Mathematics*	3
	19

SECOND YEAR

Fall Semester

Course	Credits
INFO 1600 PC Systems Maintenance and Repair	3
INFO 1610 PC Systems Maintenance and Repair Lab	1
INFO 2040 Project Management	3
INFO 2650 Network Servers	3
INFO 2700 Cisco Networking I	4
INFO 2710 Cisco Networking II	4
	18

Spring Semester

Course	Credits
BSAD 1000 Human Relations and Ethics* **OR** PSYC 1810 Introduction to Psychology*	3
INFO 1800 Microcomputer Applications II	3
INFO 2610 Computer Support Technology	3
INFO 2750 Cisco Networking III	4
INFO 2760 Cisco Networking IV	4
	17

Total Credit Hours	70

*See general education requirements.