

PROGRAM OF STUDY

Information Systems, Networking Associate in Science Degree

The Associate Degree is designed to provide students with the basic knowledge and skills necessary to pursue a career in information systems. Students completing the Business Department Core courses and the Information Systems Core courses and one of the two options (Networking, or Web Programming) will be able to enter the workforce with a comprehensive understanding of computer basics and a computing specialty (option) that can be applied in business, government, or education.

Program Learning Outcomes

Upon successful completion of this program the student will be able to:

- operate commonly used computer hardware and office software
- identify the categories of software by their purpose and provide examples of each category
- plan, design, and write stand-alone computer programs
- apply structured logic in analyzing and solving problems
- develop a well-designed relational database
- create a web document that contains hyperlinks, graphics, tables, and forms
- demonstrate a breadth of knowledge of networking and its uses in the business environment.

Business Department Core - 13 units

		Units
ACCTG40	Applied Accounting	4
BA5	Business Communications	3
BA10	Introduction to Business	3
IS15	Computer Concepts	3

Information Systems Core - 9 units

		Units
IS40A	Web Development with HTML	3
IS60	Operating Systems	3
IS26A	Database Concepts and Design	3

Networking Courses - 8.5 units

		Units
IS62	Computer Troubleshooting and Maintenance	2.5
IS63	Computer Networking I	3
IS64	Computer Networking II	3

Select one math course - 3-5 units

		Units
BA39	Finite Mathematics for Business	3
MATH5A	Math Analysis I	5
STAT7	Elementary Statistics	4

Total Units

33.5 - 35.5

Effective Term: Fall 2018

PID 716