

## PROGRAM OF STUDY

### Information Systems, Information Technology Support Option Associate in Science Degree

The Associate in Science 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 (IT Support, or Web Programming and Design) 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**

		<b>Units</b>
ACCTG40	Applied Accounting	4
BA5	Business Communications	3
BA10	Introduction to Business	3
IS15	Computer Concepts	3

#### **Information Systems Core - 6 units**

		<b>Units</b>
IS40A	Web Development with HTML	3
IS60	Operating Systems	3

#### **IT support courses - 5.5 units**

		<b>Units</b>
IS62	Computer Troubleshooting and Maintenance	2.5
IS63	Computer Networking I	3

#### **Select one math course - 3-4 units**

		<b>Units</b>
BA39	Finite Mathematics for Business	3
STAT7	Elementary Statistics	4

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### **Total Units**

**27.5 - 28.5**

Effective Term: Fall 2018

PID 715