

Associate of Applied Business Degree Business

Information Technology and Computer Science

Information Systems

Microcomputer Support Specialist Major (9243)

This major provides students with expertise in microcomputer applications. It includes a study of hardware and software installation, the use of microcomputer operating systems, networking, programming, systems design, and training. Graduates are prepared to tailor microcomputer hardware and software based on user needs and to provide end-user support and training. Career opportunities include microcomputer consulting, microcomputer marketing, technical support training, and information center employment.

First Semester:

ENGL 1110* **English Composition I (A)** 3
OR

ENGL 1111 **English Composition I (B)**
ACCT 1100 Introduction to Financial Accounting 4
BUSM 1300 Introduction to Business 3

(1st 8 weeks)
ITIS 1005 Computers and Information Processing 3
(2nd 8 weeks)

ITCS 1010 Programming Logic 3
ITIS 1008 Ethics in Information Technology 1
ITON 1020 **Using Microsoft Windows** 1
OR

ITON 1030 **Using Microsoft Windows Vista**

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Second Semester:

ENGL 1121 English Composition II-Technical Focus 3
ITCS 1810 Visual Basic.NET Programming I 3
ITDB 1430 Microsoft Access Relational Database 3

ITIS 1510 Using Windows Applications: Word Processing 3
ITIS 1520 Using Windows Applications: Spreadsheets 3
ITON 1205 Network+ and Networking Essentials 2

SPCH 1050** **Fundamentals of Public Speaking** 2
OR

SPCH 1150 **Fundamentals of Interpersonal Communication**

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Third Semester:

BUSM 2380 **Training Skills and Techniques** 3
OR

ITIS 2510 **Help Desk Concepts and Management** 2
ITCS 2010 Systems Analysis 3
ITCS 2812 Visual Basic for Applications 3

ITIS 1012** Applied Computer Mathematics 3
ITIS 1025 Managing and Optimizing Personal Computers 2
Choose course(s) from the Technical/Related Electives list.****. 1-2
(1st 8 weeks)

ITDB 1400 Introduction to Oracle SQL 2

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Fourth Semester:

BUSM 2200 Organizational Behavior 3
ECON 1150 **Basic Economics** 3

OR

ECON 2600 **Principles of Microeconomics**

ITIS 2015 Information Technology Project Management 3

ITIS 2590 Microcomputer Capstone 4

ITON 2020 **Supporting Microsoft Windows** 2

OR

ITON 2030 **Windows Vista Configuration**

Choose course(s) from the Arts and Humanities Electives list. 3

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Program Total: 72

*English course selection is based on placement test results (ENGL 1111 is 4 credits, only 3 credits apply to the degree).

**Students planning to transfer to a four-year college should take a sequence of math as advised by their counselor.

***Students may substitute either SPCH 1000 or SPCH 1100. One of these 3 credit courses may be required for students transferring to a four-year college.

**** Students who select ITIS 2510 are required to take 2 elective credits. Students who select BUSM 2380 may take 1 elective credit.

Technical/Related Electives: minimum 1 - 2 credits

BUSM 2380 Training Skills and Techniques 3
CPET 1050 Assembling, Upgrading and Repairing

Personal Computers 2

ITCS 1105 Web Programming I 2

ITCS 1820 Java Programming I 3

ITCS 1840 Visual C#.NET Programming I 3

ITDB 1405 Introduction to Oracle PL/SQL 2

ITIS 1100 Internet: Services, Tools, and Web Page Creation 2

ITIS 1108 Using an HTML Editor 2

ITIS 1130 Introduction to Web Design 1

ITIS 1540 Using Windows Applications: Presentation Graphics 3

ITIS 2510 Help Desk Concepts and Management 2

ITON 2031 Support and Troubleshoot Applications on Vista 2

Any Information Technology (ITCS, ITDB, ITIS, ITON) course(s) except ITIS 1000

Arts and Humanities Electives: minimum 3 credits

ARTS 1120, 2220, 2230, 2240; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 2200, 2250; PHIL 1500, 2000