

About Our Program

The Associate in Applied Science degree program in Computer Software Specialist is designed to prepare students to enter the workforce as computer professionals trained in a variety of cutting-edge software packages. General and specialized computer courses, with an emphasis in spreadsheet and database applications, are complemented by general education courses. Students will participate in a comprehensive program that includes both classroom and lab instruction, along with a work-based learning experience at an area business.

Opportunities for Employment

Job opportunities in the immediate area and throughout the nation abound for students trained in computers. According to Microsoft's Skills 2000 web site, computer and data-processing services are currently among the fastest-growing industries with a tremendous shortfall of trained workers. Students completing this program will be qualified for the following positions: Application Software Specialist, Information Processing Specialist, Computer Lab Assistant, Help-Desk Technician, Database Operator/Manager, and Software Consultant.

Opportunities for Advancement

Opportunities for advancement are excellent for those willing to continue their education and training. Students may wish to enhance their advancement opportunities by pursuing certifications available from various software vendors.

Special Considerations

Entry into the program requires the satisfactory completion of four (4) units of high school English and one (1) unit of high school mathematics or their equivalent. Students are required to take English and mathematics placement tests.

Program Contacts

Mr. Louis Collier, *Dean*
 Faculty Contacts: Mr. Fred Coeburn,
 Ms. Dana Crismond, Ms. Fran Doyle,
 Mr. Nick Edwards, Ms. Terri Lane
 Location: Phillips-Taylor Hall

*LecLab Crse
 Hrs.Hrs. Cr.*

FIRST YEAR

First Semester

| | | | | |
|---------|--|-----------|----------|-----------|
| ENG 111 | College Composition I | 3 | 0 | 3 |
| ITE 115 | Basic Computer Literacy | 3 | 0 | 3 |
| ITE 127 | Microcomputer Software: Beginning Windows | 2 | 0 | 2 |
| MTH 141 | Business Math | 3 | 0 | 3 |
| SDV 100 | Orientation | 1 | 0 | 1 |
| | Social Science Elective | 3 | 0 | 3 |
| | Total | 15 | 0 | 15 |

Second Semester

| | | | | |
|---------|--------------------------------------|-----------|----------|-----------|
| ENG 115 | Technical Writing | 3 | 0 | 3 |
| IND 137 | Team Concepts and Problem Solving | 3 | 0 | 3 |
| ITE 140 | Spreadsheet Software | 3 | 0 | 3 |
| ITN 101 | Intro to Network Concepts | 3 | 0 | 3 |
| | Humanities Elective | 3 | 0 | 3 |
| | Social Science Elective | 3 | 0 | 3 |
| | Total | 18 | 0 | 18 |

SECOND YEAR

First Semester

| | | | | |
|---------|--------------------------------------|-----------|----------|-----------|
| ITD 110 | Web Page Design I | 3 | 0 | 3 |
| ITP 120 | Java Programming I | 3 | 0 | 3 |
| ITE 130 | Introduction to Internet Services | 3 | 0 | 3 |
| ITE 150 | Desktop Database Software | 3 | 0 | 3 |
| ITE 182 | User Support/Help Desk Principles | 3 | 0 | 3 |
| | Health or PE Elective | 2 | 0 | 2 |
| | Total | 17 | 0 | 17 |

Second Semester

| | | | | |
|---------|--|-----------|----------|-----------|
| ITP 251 | Systems Analysis & Design | 3 | 0 | 3 |
| ITP 298 | Capstone | 3 | 0 | 3 |
| ITD 134 | PL/SQL Programming | 3 | 0 | 3 |
| ITE 170 | Multimedia Software | 3 | 0 | 3 |
| ITE 290 | Internship in IST or or ITE 298 Seminar & Project | 3 | 0 | 3 |
| MKT 282 | E-Commerce | 3 | 0 | 3 |
| | Total | 18 | 0 | 18 |

68 credits required to graduate

