

<b>Degree:</b> Associate of Applied Science <b>Major:</b> Computer Technology <b>Option:</b> Programming and Office Technology <b>Division:</b> Business and Technology	Program Code: (040)  Minimum Ret/Grad GPA . . . . 2.00 Minimum Total Hours . . . . . 61
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GENERAL EDUCATION REQUIREMENTS (19 HOURS)	MAJOR REQUIREMENTS (42 HOURS)
<p><b>English Composition - 6 hours</b> <i>(Select Both)</i></p> <p><input type="checkbox"/> ENGL 1113 Freshman Composition I  <input type="checkbox"/> ENGL 1213 Freshman Composition II</p> <p><b>U.S. History - 3 hours</b> <i>(Select One)</i></p> <p><input type="checkbox"/> HIST 1483 Am His 1492-1865 or HIST 1493 Am His 1865-Pr</p> <p><b>U.S. Government - 3 hours</b> <i>(Select One)</i></p> <p><input type="checkbox"/> POS 1113 American Federal Government</p> <p><b>Orientation - 1 hour</b> <i>(Select One)</i></p> <p><input type="checkbox"/> ORI 1111 Freshman Orientation</p> <p><b>Approved Electives - 6 hours</b> <i>(Select CS 1103 and 1 Elective)</i>                      Select 2 courses from these course disciplines:  <input type="checkbox"/> CS 1103 Microcomputer Applications  <input type="checkbox"/> PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS                      DRMA, HUM, PHIL, RLED, SPCH, ENGL (literature)</p>	<p><i>Select One Option:</i></p> <p><b>PROGRAMMING OPTION</b>  <b>Required Courses - 21 hours</b> <i>(Select All)</i></p> <p><input type="checkbox"/> CS 1313 Programming I  <input type="checkbox"/> CS 1333 Programming II  <input type="checkbox"/> CS 2013 Database Management  <input type="checkbox"/> CS 2203 Networking I  <input type="checkbox"/> CS 2213 Networking II  <input type="checkbox"/> CS 2243 Internet Programming  <input type="checkbox"/> CS 1433 Introduction to Photoshop</p> <p><b>Elective Courses - 21 hours</b>  <i>(Select seven or more courses in conference with advisor)</i></p> <p><input type="checkbox"/> BUS 1133 Customer Service  <input type="checkbox"/> Approved Business Elective(s)  <input type="checkbox"/> Approved Computer Science Elective(s)  <input type="checkbox"/> Approved Elective  <input type="checkbox"/> COED Cooperative Education (3 hours maximum)</p> <p><b>OFFICE TECHNOLOGY OPTION</b>  <b>Required Courses in Major - 21 hours</b> <i>(Select All)</i></p> <p><input type="checkbox"/> ACCT 1103 Fundamentals of Accounting  <input type="checkbox"/> ACCT 2103 Financial Accounting  <input type="checkbox"/> BUS 2113 Principles of Business Law  <input type="checkbox"/> BUS 2133 Business Communications  <input type="checkbox"/> CS 2003 Electronic Spreadsheets  <input type="checkbox"/> CS 2013 Database Management  <input type="checkbox"/> BUS 1133 Customer Service</p> <p><b>Elective Courses - 21 hours</b>  <i>(Select seven or more courses in conference with advisor)</i></p> <p><input type="checkbox"/> ACCT 2203 Managerial Accounting  <input type="checkbox"/> Approved Business Elective(s)  <input type="checkbox"/> Approved Computer Science Elective(s)  <input type="checkbox"/> Approved Office Science Elective  <input type="checkbox"/> Approved Elective  <input type="checkbox"/> COED Cooperative Education (3 hours maximum)</p>
<b>Totals: ----- Credit Hours: 19</b>	<b>Totals: ----- Credit Hours: 42</b>

**Notation:**

Students should complete the major core 43 hours listed in either Programming Option or Office Technology Option.

*Students are required to complete the following General Education and Major Requirement courses. Students who complete an associate's of applied science degree are prepared to enter the workforce after degree completion. Students should check with their academic advisor for employment opportunities. Students should consult with their academic advisor and refer to the 4-semester by semester program planning guide to understand course sequencing.*

**Semester by Semester Degree Plan**  
Computer Technology, AAS (040)

Course Number – Course Description	Hours
Freshman Year 1 <sup>st</sup> Semester – Fall <input type="checkbox"/> ORI 1111 Freshman Orientation <input type="checkbox"/> ENGL 1113 Freshman Composition I <input type="checkbox"/> HIST 1483 or 1493 American History <input type="checkbox"/> CS 1103 Microcomputer Applications <input type="checkbox"/> CS 2203 Networking I <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON)	 1 3 3 3 3 3 <b>Total: 16</b>
Freshman Year 2 <sup>nd</sup> Semester – Spring <input type="checkbox"/> ENGL 1213 Freshman Composition II <input type="checkbox"/> POS 1113 American Federal Government <input type="checkbox"/> CS 2213 Networking II <input type="checkbox"/> CS 1313 Programming I <input type="checkbox"/> Elective in General Education (see below)	 3 3 3 3 3 <b>Total: 15</b>
Sophomore Year 1 <sup>st</sup> Semester – Fall <input type="checkbox"/> CS 1333 Programming II <input type="checkbox"/> CS 1433 Introduction to Photoshop <input type="checkbox"/> CS 2013 Database Management <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON) <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON)	 3 3 3 3 3 <b>Total: 15</b>
Sophomore Year 2 <sup>nd</sup> Semester – Spring <input type="checkbox"/> CS 2243 Internet Programming <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON) <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON) <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON) <input type="checkbox"/> Elective in Major - (BUS 1133, BUS, CS, ACCT, ECON)	 3 3 3 3 3 <b>Total: 15</b>
<b>Graduation Requirements: Minimum 61 cr-hrs, 2.00 Ret/Grad GPA, 15 Resident cr-hrs</b>	
<b>Total Hours: 61</b>	

**Note:** Students should select appropriate General Education Electives and Electives appropriate to major and interest. CASC Course disciplines include: PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, ENGL (literature). Students should complete a 15 - 16 cr-hrs per semester to graduate in two years.

**How to Use this “Semester by Semester Degree Plan”:** Courses in this semester-by-semester breakdown are listed with several thoughts in mind. Prerequisites are listed first. Science, math, and major coursework are listed in order the course should be taken and in what term the course should be taken. Students should enroll into ORI 1111 and ENGL 1113, and any development courses in the first term. Courses listed in parenthesis are selections from which a student may choose. Enrollment into developmental courses will add to the total credit hour count, and may alter math and science enrollment rotations. -- While this is a guide to help the student with pre-enrollment, a study of the Course Schedule and a visit with an academic advisor is a must.

**Estimated Program Cost:** Students can complete this degree in four semesters (15-16 per semester).

The estimated cost of this program is approximated at:  $61 \text{ credit-hours} \times \$136.50 \text{ per credit hour} = \$8,326.50$  (Please know that this cost does not include textbooks, supplies, developmental coursework, and other expenses, and is designed as an ESTIMATE only).

Actual program cost is based on Fall 2021 in-state tuition amounts and the final costs will vary from this estimate.