# Program of Study

**Career Field:** Communication and Information Systems  
**Career Cluster:** Information Technology  
**Career Pathway:** Information Support and Services

## Central Community College

**DEGREE:** Information Technology- Security Management Specialization  
[http://www.cccneb.edu/igstemplate.cfm?SRC=SP&SRCN=programchart3&GnavID=20&SnavID=&TnavID=&cccProgramID=72&LS=&PS=&DDCID=1&cccEndorsementIDsearch=553](http://www.cccneb.edu/igstemplate.cfm?SRC=SP&SRCN=programchart3&GnavID=20&SnavID=&TnavID=&cccProgramID=72&LS=&PS=&DDCID=1&cccEndorsementIDsearch=553)

### High School

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>GENERAL ELECTIVES</th>
<th>PATHWAY ELECTIVE COURSES</th>
<th>EXTENDED LEARNING SCHOOL/COMMUNITY</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>English/Language Arts I</td>
<td>Algebra I</td>
<td>Physical Science</td>
<td>Geography</td>
<td>World Languages and Cultures  Physical Education  Health Education  Entrepreneurship</td>
<td>Information Technology Applications I  Information Technology Applications II</td>
<td>School Activities:  Develop web pages, FBLA, Prepare school multimedia/video projects, SkillsUSA</td>
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<tr>
<td>10</td>
<td>English/Language Arts II</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
<td>Desktop Publishing  Digital Media  Network Systems  Web Design &amp; Development</td>
<td>Plus two from the following:  Information Technology Fundamentals  Database Design &amp; Development  Programming I</td>
<td>Community Activities:  Create a community web site, Volunteer in the community, Set up computers and install software, Job shadow professionals</td>
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<tr>
<td>11</td>
<td>English/Language Arts III</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>American History</td>
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<tr>
<td>12</td>
<td>English/Language Arts IV</td>
<td>Intro to Statistics  Discrete Math  Pre-Calc</td>
<td>Physics</td>
<td>American Government or Economics</td>
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### Central Community College

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<thead>
<tr>
<th>COM MUNICATIONS</th>
<th>MATH/SCIENCE</th>
<th>PERSONAL DEVELOPMENT</th>
<th>SOCIAL/BEHAVIORAL SCIENCES</th>
<th>DEGREE REQUIREMENTS</th>
<th>MAJOR COURSES</th>
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</thead>
<tbody>
<tr>
<td>Select 3 hours from the following link:</td>
<td>Select 3 hours from the following link:</td>
<td>Select 3 hours from the following link:</td>
<td>Select 3 hours from the following link:</td>
<td>3 hour course from any General Ed category  Introduction to Information Technology  Microcomputer Applications  Spreadsheets  Principles of Information Security  Operating Systems/Windows</td>
<td>Operating Systems/Linux  Customer Support  Database Concepts &amp; Design  Information Security Management  Advanced Database</td>
</tr>
<tr>
<td>CCC Communication Courses</td>
<td>CCC Math/Science Courses</td>
<td>CCC Personal Development Courses</td>
<td>CCC Social &amp; Behavioral Sciences Courses</td>
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</tbody>
</table>

### Communications

- CCC Communication Courses
- CCC Math/Science Courses
- CCC Personal Development Courses
- CCC Social & Behavioral Sciences Courses

### Degree Requirements

- 12 hrs Advisor approved INFO electives
- Operating Systems/Linux
- Small Business Accounting

### Major Courses

- Operating Systems/Windows
- Customer Support
- Database Concepts & Design
- Information Security Management
- Advanced Database

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6/16/2010