This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

<table>
<thead>
<tr>
<th>Course Subject and Title</th>
<th>Credit Hours</th>
<th>Upper Div.</th>
<th>Min. Grade</th>
<th>Major GPA</th>
<th>Important Notes</th>
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<tbody>
<tr>
<td><strong>Semester One: [16 Credit Hours]</strong></td>
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<tr>
<td>COMT 11000 Introduction to Computer Systems (3) or COMT 12000 Personal Productivity Software (3) or MIS 24053 Introduction to Computer Applications (3)</td>
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<td>US 10097 Destination Kent State: First Year Experience</td>
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<td>Not required of transfer students with 25 credits</td>
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<td><strong>Semester Five: [16 Credit Hours]</strong></td>
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<tr>
<td>COMT 36318 Survey of Information Security, Internet Fraud and Computer Forensics</td>
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<td>May fulfill writing-intensive course requirement</td>
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<td>COMT 36301 Advanced C++ Programming (4) or COMT 36311 Advanced Java Programming (4)</td>
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<td>Major Requirement</td>
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<td>■</td>
<td>C</td>
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<td>See note 2 on page 2</td>
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<td>Kent Core Requirement</td>
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<td>See Kent Core Summary on page 2</td>
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<tr>
<td>COMT 46308 Advanced Visual Basic Programming</td>
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<td>COMT Elective (upper division)</td>
<td>3</td>
<td>■</td>
<td>C</td>
<td>■</td>
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<td>Major Requirement</td>
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<td>■</td>
<td>C</td>
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<td>Applied Course</td>
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<td>See note 1 on page 2</td>
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<td><strong>Semester Seven: [15-16 Credit Hours]</strong></td>
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<td>COMT 46340 Data Design and Implementation</td>
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<td>C</td>
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<td>See note 2 on page 2</td>
</tr>
<tr>
<td>Concentration Requirement</td>
<td>3-4</td>
<td>■</td>
<td>C</td>
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<td>See note 3 on page 2</td>
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<td>Applied Course</td>
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<td>See note 1 on page 2; number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division credit hours</td>
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</table>
Critical requirements are boldface in shaded areas.

<table>
<thead>
<tr>
<th>Course Subject and Title</th>
<th>Credit Hours</th>
<th>Upper Div.</th>
<th>Min. Grade</th>
<th>Major GPA</th>
<th>Important Notes</th>
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<td>Semester Eight: [12-13 Credit Hours]</td>
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<td>TAS 47900 Technical and Applied Studies Capstone</td>
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<td>C</td>
<td>■</td>
<td>Fulfills experiential learning requirement</td>
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<td>3</td>
<td>■</td>
<td>C</td>
<td>■</td>
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<tr>
<td>Concentration Requirement</td>
<td>3-4</td>
<td>■</td>
<td>C</td>
<td>■</td>
<td>See note 3 below</td>
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<td>Kent Core Requirement</td>
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<td>See Kent Core Summary below</td>
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</table>

**Graduation Requirements Summary**

<table>
<thead>
<tr>
<th>Minimum Total Hours</th>
<th>Minimum Upper-Division Hours</th>
<th>Minimum Kent Core Hours</th>
<th>Global / Domestic Diversity Course</th>
<th>Writing-Intensive</th>
<th>Experiential Learning</th>
<th>Minimum Major GPA</th>
<th>Minimum Overall GPA</th>
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</thead>
<tbody>
<tr>
<td>121</td>
<td>39</td>
<td>36</td>
<td>Kent Core, Applied Course / SOC 32570 or TECH 31000</td>
<td>COMM 35864, COMT 36318 or TECH 31000</td>
<td>TAS 47900</td>
<td>2.000</td>
<td>2.000</td>
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</table>

**Kent Core Summary**

<table>
<thead>
<tr>
<th>Kent Core Categories</th>
<th>Important Notes</th>
<th>Remaining Credit Hours</th>
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<tbody>
<tr>
<td>Composition (6-8 credit hours)</td>
<td>Enrollment based on placement test</td>
<td>6-8</td>
</tr>
<tr>
<td>Mathematics and Critical Reasoning (3-5 credit hours)</td>
<td>Enrollment based on placement test</td>
<td>3-5</td>
</tr>
<tr>
<td>Humanities and Fine Arts (9 credit hours)</td>
<td>May fulfill diversity requirement</td>
<td>9</td>
</tr>
<tr>
<td>Social Sciences (6 credit hours)</td>
<td>May fulfill diversity requirement</td>
<td>6</td>
</tr>
<tr>
<td>Basic Sciences (6-7 credit hours)</td>
<td>May fulfill diversity requirement</td>
<td>6</td>
</tr>
<tr>
<td>Additional (6 credit hours)</td>
<td>May fulfill diversity requirement</td>
<td>6</td>
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</tbody>
</table>

**Note 1:** Applied courses should be chosen from the major in a computer technology or technically related associate degree program or a declared minor or individualized specialization selected in consultation with an advisor.

**Note 2:** Major requirements (9 credit hours), choose from the following:

- BMRT 11009 Introduction to Management Technology 3
- BMRT 36401 Applications of Technology Management Software 3
- COMM 35864 Organizational Communication w 3
- ENG 20002 Introduction to Technical Writing 3
- ENG 30063 Business and Professional Writing 3
- ITAP 26638 Business Communications 3
- LIB 30010 Information Fluency in the Workplace and Beyond or LIS 30010 Information Fluency in the Workplace and Beyond 3
- SOC 32570 Inequality in Societies w 3
- TECH 31000 Cultural Dynamics of Technology w 3

w Minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

**Note 3:** Concentration requirements (6-8 credit hours), choose from the following:

- COMT 36301 Advanced C++ Programming 4
- COMT 36302 C# Programming 3
- COMT 36308 Ergonomics in Computer Systems 3
- COMT 36309 Programming Mobile Applications 3
- COMT 36311 Advanced Java Programming 4
- COMT 36350 Programming Office Productivity Applications 3
- COMT 46309 Visual Basic Web Programming 3
- COMT 46315 SQL with Oracle 3

o Fulfills domestic diversity requirement.
Kent Core
Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student’s major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

Diversity Course Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean’s approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement
Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade. Visit www.kent.edu/catalog/wic for course list.

Experiential Learning Requirement (ELR)
To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit www.kent.edu/catalog/elr for course list.

Upper-Division Requirement
Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.