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>
</tr>
</thead>
</table>

**Semester One: [16 Credit Hours]**

- **ACTT, BMRT, COMT or ITAP Elective**
- **COMT 11000 Introduction to Computer Systems (3)**
- **COMT 12000 Personal Productivity Software (3)**
- **EERT 22003 Technical Computing (3)**
- **MIS 24053 Introduction to Computer Applications (3)**
- **US 10097 Destination Kent State: First Year Experience (1)**
  - Not required of transfer students with 25 credits
- **Kent Core Requirement**
- **Kent Core Requirement**
- **Applied Course**

**Semester Two: [16 Credit Hours]**

- **ACTT, BMRT, COMT or ITAP Elective**
- **Kent Core Requirement**
- **Kent Core Requirement**
- **Applied Courses**

**Semester Three: [15 Credit Hours]**

- **Kent Core Requirement**
- **Kent Core Requirement**
- **Applied Courses**

**Semester Four: [15 Credit Hours]**

- **Kent Core Requirements**
- **Applied Courses**

**Semester Five: [16 Credit Hours]**

- **CHDS 37900 Applied Studies Cornerstone (3)**
- **COMT 36318 Survey of Information Security, Internet Fraud and Computer Forensics (3)**
  - May fulfill writing-intensive course requirement
- **COMT 36301 Advanced C++ Programming (4)**
- **COMT 36311 Advanced Java Programming (4)**
- **Major Requirement**
- **Kent Core Requirement**

**Semester Six: [15 Credit Hours]**

- **COMT 46308 Developing Desktop Applications (3)**
- **COMT Elective (upper division) (3)**
- **Major Requirement**
- **Kent Core Requirement**
- **Applied Course**

**Semester Seven: [14-15 Credit Hours]**

- **COMT 46340 Database Design and Implementation (3)**
- **Major Requirement**
- **Concentration Requirement**
- **Kent Core Requirement**
- **Applied Courses**

Note: Number of credits required depends on meeting minimum 121 credit hours and minimum 39 upper-division credit hours.
Critical requirements are boldface in shaded areas.

<table>
<thead>
<tr>
<th>Course Subject and Title</th>
<th>Credit Hours</th>
<th>Upper Division</th>
<th>Min. Grade</th>
<th>Major GPA</th>
<th>Important Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11002, 11011, 21011; Honr 10197, 10297</td>
<td>6</td>
<td>3</td>
<td>C</td>
<td>2.0</td>
<td>May fulfill diversity requirement.</td>
</tr>
</tbody>
</table>

Kent Core Summary

<table>
<thead>
<tr>
<th>Kent Core Categories</th>
<th>Important Notes</th>
<th>Remaining Credit Hours</th>
</tr>
</thead>
<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>6-7</td>
</tr>
<tr>
<td>Additional (6 credit hours)</td>
<td>May fulfill diversity requirement</td>
<td>6</td>
</tr>
</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
- COMM 35864 Organizational Communication W 3
- EERT 21010 Engineering and Professional Ethics 3
- ENG 30063 Business and Professional Writing 3
- ITAP 26638 Business Communications 3

D: Fulfills domestic diversity requirement. W: Minimum C (2.0) 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 36308 Ergonomics in Computer Systems 3
- COMT 36311 Advanced Java Programming 4

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 (2.0) grade. Visit www.kent.edu/catalog/wic 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.