COMPUTER INFORMATION
SYSTEMS - MINOR

College of Business Administration
Department of Management and Information Systems
A432 Business Administration Building
Kent Campus
330-672-1140
mis@kent.edu
www.kent.edu/business/mis

Description
The Computer Information Systems minor is self-contained and assumes essentially no prior experience with computers or information systems. It complements students’ primary career field by providing knowledge and hands-on experience in cloud computing systems and infrastructure, business modeling and agile design, data management and business intelligence and other computer technologies. Students are able to design and build computer information systems of modest size and to participate with professional analysts, on an effective partnership basis, in the construction of large cloud systems. Students also have the ability to aid their co-workers by performing computer system support in consultative and advisory roles.

Fully Offered At:
• Kent Campus

Admission Requirements
Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

To declare the Computer Information Systems minor, students must have a minimum 2.500 overall Kent State University GPA. No Kent State University GPA is required if the student is a first-semester freshman or transfer student admitted in good standing.

Minor Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CIS 24053</td>
<td>INTRODUCTION TO COMPUTER APPLICATIONS (min C+ grade)</td>
<td>3</td>
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<tr>
<td>CIS 24165</td>
<td>CLOUD SYSTEMS COMPUTING</td>
<td>3</td>
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<tr>
<td>CIS 24167</td>
<td>CLOUD INFRASTRUCTURE AND APPLICATIONS</td>
<td>3</td>
</tr>
<tr>
<td>CIS 34034</td>
<td>BUSINESS MODELING AND AGILE DESIGN</td>
<td>3</td>
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<tr>
<td>CIS 44040</td>
<td>PROGRAMMING FOR THE CLOUD</td>
<td>3</td>
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Minor Electives, choose from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CIS 34036</td>
<td>ENTERPRISE SYSTEMS AND BUSINESS PROCESSES</td>
<td>3</td>
</tr>
<tr>
<td>CIS 34170</td>
<td>TECHNOLOGY BOOTCAMP</td>
<td>3</td>
</tr>
<tr>
<td>CIS 44140</td>
<td>APPLICATION DESIGN AND DEVELOPMENT</td>
<td>3</td>
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Minimum Total Credit Hours: 18

1 Students declared in the Aeronautics major, Aviation Management concentration, may substitute TECH 10001 in place of CIS 24053.
2 Students may use another course as a minor elective with permission of a faculty advisor.

Progression Requirements
• Minimum 2.500 overall GPA
• Minimum C+ grade in CIS 24053

Graduation Requirements

Minimum Minor GPA
2.500

• Students are expected to satisfy course prerequisites for each course required in the minor. Prerequisites are not tied to a particular catalog; therefore it is important to look at the most current information about a course.
• Students may not pursue a minor and major in the same discipline.
• Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
• Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
• Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).