THE PROGRAM

Everything people do on any type of computer is the result of Computer Information Systems (CIS) professionals. The CIS program at Kishwaukee College offers courses that will prepare students for nearly any career in the CIS world. For students interested in network and systems administration, Kishwaukee College has a CIS curriculum that emphasizes networking technologies.

The CIS certificates specialize in particular areas of interest. Certificates are designed to be completed by a part-time student in one to two academic years and allow the student to focus on the area most relevant to his or her interests and job needs. Each certificate provides students with a variety of opportunities to customize their education based on their interests and needs. CIS courses and programs are always being reviewed and updated to respond to trends in the business world.

The CIS program is part of the Information Technology Career Cluster: Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services. For more information, visit www.careertech.org/career-clusters/.

CAREER OPPORTUNITIES

A certificate in one of our CIS specializations can help broaden your skillset for new positions or help you stay current in your present employment. Entry-level positions maintaining hardware, fielding questions at a help-desk, or conducting office or administrative assistant work are other viable options.

FIRST YEAR

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Fall Semester</td>
<td>CIS 101</td>
<td>Introduction to Computers</td>
<td>3</td>
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<tr>
<td></td>
<td>CIS 111</td>
<td>Logic and Program Design</td>
<td>3</td>
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<tr>
<td></td>
<td>CIS 118</td>
<td>Foundations of Web Site Development</td>
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<tr>
<td></td>
<td>ENG 103</td>
<td>Composition I OR</td>
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<td>ENG 109</td>
<td>Intro to Technical Report Writing</td>
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<td>Spring Semester</td>
<td>CIS 119</td>
<td>JavaScript</td>
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<td>CIS 123</td>
<td>Management Information Systems</td>
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<td></td>
<td>CIS 140</td>
<td>Networking Fundamentals</td>
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<td>COM 100</td>
<td>Oral Communication</td>
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<td></td>
<td>MAT 150</td>
<td>College Algebra OR</td>
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<td>MAT 210</td>
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SECOND YEAR

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<td>CIS 160</td>
<td>Java Programming I</td>
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<tr>
<td></td>
<td>CIS 170</td>
<td>Introduction to UNIX</td>
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<td>Humanities Elective</td>
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<td></td>
<td>Social Science Elective</td>
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<tr>
<td>Spring Semester</td>
<td>CIS 122</td>
<td>Web Site Creation Software</td>
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<td></td>
<td>CIS 236</td>
<td>CIS Project OR</td>
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<td></td>
<td>CIS 296</td>
<td>CIS Internship</td>
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<td>CIS 237</td>
<td>Database Management and SQL</td>
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<td>CIS 260</td>
<td>Java Programming II</td>
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<td>CIS 265</td>
<td>Server-Side Programming</td>
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CIS ELECTIVES

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<tr>
<td>CIS 142</td>
<td>PC Repair and Configuration</td>
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<tr>
<td>CIS 150</td>
<td>C++ Programming I</td>
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<tr>
<td>CIS 182</td>
<td>Windows Server Fundamentals I</td>
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<tr>
<td>CIS 238</td>
<td>Systems Analysis and Design</td>
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<td>CIS 250</td>
<td>C++ Programming II</td>
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<td>CIS 270</td>
<td>Fundamentals of Linux Administration</td>
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<td>CIS 282</td>
<td>Windows Server II Networking</td>
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<td>CIS 283</td>
<td>Network Security+</td>
<td>3</td>
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ADDITIONAL SOURCES OF INFORMATION

DEPARTMENT
David Klick, Assistant Professor
815-825-9337
dklick@kish.edu

STUDENT SERVICES
Advising
815-825-9375