

# Computer Information Systems

## 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. Requires 60 credit hours.

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/](http://www.careertech.org/career-clusters/).

## CAREER OPPORTUNITIES

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			
Fall Semester			
CIS 101	Introduction to Computers		(3)
CIS 111	Intro to Programming: Python		(3)
CIS 118	Foundations of Web Site Development		(3)
ENG 103	Composition I <b>OR</b>		
ENG 109	Intro to Technical Report Writing		(3)
	Social/Behavioral Science Elective		(3)
Spring Semester			
CIS 119	JavaScript		(3)
CIS 140	Networking Fundamentals		(4)
CIS 170	Introduction to UNIX		(3)
COM 100	Oral Communication <b>OR</b>		
COM 108	Communication in the Workplace		(3)
MAT 150	College Algebra <b>OR</b>		
MAT 210	Finite Mathematics		(3-4)

SECOND YEAR			
Fall Semester			
CIS 123	Management Information Systems		(3)
CIS 150	C++ Programming I		(3)
CIS 160	Java Programming I		(3)
	Humanities elective		(3)
	CIS or other approved elective*		(3)
Spring Semester			
CIS 236	CIS Project <b>OR</b>		
CIS 296	CIS Internship		(3)
CIS 250	C++ Programming II		(3)
CIS 260	Java Programming II		(3)
CIS 265	Server-Side Programming		(3)
	CIS or other approved elective*		(2)

*CIS OR OTHER APPROVED ELECTIVES			
CIS 182	Windows Server Fundamentals I		(3)
CIS 190	Google IT Support		(6)
CIS 282	Windows Server II Networking		(3)
CIS 283	Network Security+		(3)
CIS 285	Cybersecurity		(3)
ART 167	Graphic Design I		(3)
BUS 101	Introduction to Business		(3)
MM 269	Entrepreneurship		(3)
OS 133	Spreadsheets/Excel		(3)
OS 135	Database/Access		(3)
OS 233	Advanced Spreadsheets/Excel		(1)
PHL 103	Introduction to Logic		(3)

Other relevant courses with consent of CIS department.  
*(Discuss your future plans with a CIS advisor.)*

## NOTES:

- CIS 150 and CIS 160 have a prerequisite of MAT 098 Intermediate Algebra or higher math placement.
- CIS 118 is offered in fall of odd years only and CIS 160 in fall of even years only. Students should be advised to exchange these courses between fall semesters, if necessary.
- As listed in spring semester – 2nd year, CIS 260 is offered in spring of odd years only. Students should be advised to exchange an appropriate class from spring semester – 1st year, if necessary.

## Additional Sources of Information:

### DEPARTMENT

Chase Budziak, Dean of Instruction  
 815-825-1708 • [cbudziak@kish.edu](mailto:cbudziak@kish.edu)

### STUDENT SERVICES

Advising • 815-825-9375