

Associate in Applied Science

Networking & Systems Administration

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 62 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/.

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 140	Networking Fundamentals		(4)
CIS 182	Windows Server Fundamentals I		(3)
CIS 190	Google IT Support		(6)
COM 100	Oral Communication OR		
COM 108	Communication in the Workplace		(3)
Spring Semester			
CIS 282	Windows Server II Networking		(3)
CIS 283	Network Security+		(3)
ENG 103	Composition I OR		
ENG 109	Intro to Technical Report Writing		(3)
MAT 150	College Algebra OR		
MAT 210	Finite Mathematics		(3-4)
	Humanities Elective		(3)

SECOND YEAR

Fall Semester			
CIS 111	Intro to Programming: Python		(3)
CIS 123	Management Information Systems		(3)
CIS 150	C++ Programming I OR		
CIS 160	Java Programming I		(3)
	Social Science Elective		(3)
	CIS or other approved elective*		(3)
Spring Semester			
CIS 170	Introduction to UNIX		(3)
CIS 236	CIS Project OR		
CIS 296	CIS Internship		(3)
CIS 265	Server-Side Programming		(3)
	CIS or other approved electives*		(7)

***CIS OR OTHER APPROVED ELECTIVES**

CIS 101	Introduction to Computers		(3)
CIS 118	Web Site Development		(3)
CIS 119	Java Script		(3)
CIS 250	C++ Programming I		(3)
CIS 260	Java Programming II		(3)
CIS 285	Cybersecurity		(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.)

Additional Sources of Information:
DEPARTMENT

Chase Budziak, Dean of Instruction
 815-825-1708
 cbudziak@kish.edu

STUDENT SERVICES

Advising
 815-825-9375