

KISHWAUKEE COLLEGE

Computer Information Systems Degree #437 Web Development Option

Credit Hours 60-61

Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 101	Introduction to Computers	3
CIS 111	Logic and Program Design	3
CIS 115	Internet Fundamentals	2
CIS 118	Foundations of Web Site Development	3
ENG 103	Composition I OR	
ENG 109	Intro to Technical Report Writing	3
Total		14

Spring Semester - First Year		
CIS 119	JavaScript	3
CIS 123	Management Information Systems	3
CIS 140	Networking Fundamentals	4
COM 100	Oral Communication	3
MAT 150	College Algebra OR	
MAT 210	Finite Mathematics	3-4
Total		16-17

Fall Semester - Second Year		
CIS 160	Java Programming I	3
CIS 170	Introduction to UNIX	3
CIS Electives		4
Humanities Elective		3
Social Science Elective		3
Total		16

Spring Semester - Second Year		
CIS 122	Web Site Creation Software	2
CIS 236	CIS Project OR	
CIS 296	CIS Internship	3
CIS 237	Database Management and SQL	3
CIS 260	Java Programming II	3
CIS 265	Server-Side Programming	3
Total		14

Program Total 60-61

CIS Electives:

CIS 142	PC Repair and Configuration	3
CIS 150	C++ Programming I	3
CIS 182	Windows Server Fundamentals I	3
CIS 238	Systems Analysis and Design	3
CIS 250	C++ Programming II	3
CIS 270	Fundamentals of Linux Administration	3
CIS 282	Windows Server II Networking	3
CIS 283	Network Security+	3

Other relevant courses with consent of CIS department

KISHWAUKEE COLLEGE
Computer Information Systems Degree #437 Programming Option
Proposed Credit Hours 60-61

Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 101	Introduction to Computers	<u>3</u>
CIS 111	Logic and Program Design	<u>3</u>
CIS 115	Internet Fundamentals	<u>2</u>
CIS 118	Foundations of Web Site Development	<u>3</u>
ENG 103	Composition I OR	
ENG 109	Intro to Technical Report Writing	<u>3</u>
	Total	14
Spring Semester - First Year		
CIS 119	JavaScript	<u>3</u>
CIS 123	Management Information Systems	<u>3</u>
CIS 140	Networking Fundamentals	<u>4</u>
COM 100	Oral Communication	<u>3</u>
MAT 150	College Algebra OR	
MAT 210	Finite Mathematics	<u>3-4</u>
	Total	16-17
Fall Semester - Second Year		
CIS 150	C++ Programming I	<u>3</u>
CIS 160	Java Programming I	<u>3</u>
CIS 170	Introduction to UNIX	<u>3</u>
	Humanities Elective	<u>3</u>
	Social Science Elective	<u>3</u>
	Total	15
Spring Semester - Second Year		
CIS 236	CIS Project OR	
CIS 296	CIS Internship	<u>3</u>
CIS 237	Database Management and SQL	<u>3</u>
CIS 250	C++ Programming II	<u>3</u>
CIS 260	Java Programming II	<u>3</u>
CIS 265	Server-Side Programming	<u>3</u>
	Total	15
	Program Total	60-61

KISHWAUKEE COLLEGE

Networking & Systems Administration Degree #460 Network Administration Option

Credit Hours 62-63

Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 140	Networking Fundamentals	<u>4</u>
CIS 182	Windows Server Fundamentals I	<u>3</u>
COM 100	Oral Communication	<u>3</u>
ENG 103	Composition I OR	
ENG 109	Intro to Technical Report Writing	<u>3</u>
Social Science Elective		<u>3</u>
Total		16
Spring Semester - First Year		
CIS 142	PC Repair and Configuration	<u>3</u>
CIS 282	Windows Server II Networking	<u>3</u>
CIS 283	Network Security+	<u>3</u>
MAT 150	College Algebra OR	
MAT 210	Finite Mathematics	<u>3-4</u>
Humanities Elective		<u>3</u>
Total		15-16
Fall Semester - Second Year		
CIS 123	Management Information Systems	<u>3</u>
CIS 150	C++ Programming I OR	
CIS 160	Java Programming I	<u>3</u>
CIS 170	Introduction to UNIX	<u>3</u>
CIS 184	Windows Professional Configuration	<u>3</u>
CIS Electives		<u>3</u>
Total		15
Spring Semester - Second Year		
CIS 236	CIS Project OR	
CIS 296	CIS Internship	<u>3</u>
CIS 237	Database Management and SQL	<u>3</u>
CIS 270	Fundamentals of Linux Administration	<u>3</u>
CIS Electives		<u>7</u>
Total		16
Program Total		62-63

KISHWAUKEE COLLEGE
Networking & Systems Administration Degree #460 Cisco Option
Credit Hours 62-63
 Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 140	Networking Fundamentals	<u>4</u>
CIS 182	Windows Server Fundamentals I	<u>3</u>
COM 100	Oral Communication	<u>3</u>
ENG 103	Composition I OR	
ENG 109	Intro to Technical Report Writing	<u>3</u>
Social Science Elective		<u>3</u>
Total		16
Spring Semester - First Year		
CIS 142	PC Repair and Configuration	<u>3</u>
CIS 282	Windows Server II Networking	<u>3</u>
CIS 283	Network Security+	<u>3</u>
MAT 150	College Algebra OR	
MAT 210	Finite Mathematics	<u>3-4</u>
Humanities Elective		<u>3</u>
Total		15-16
Fall Semester - Second Year		
CIS 123	Management Information Systems	<u>3</u>
CIS 145	Cisco Networking I	<u>4</u>
CIS 146	Cisco Networking II	<u>4</u>
CIS 150	C++ Programming I OR	
CIS 160	Java Programming I	<u>3</u>
CIS 170	Introduction to UNIX	<u>3</u>
Total		17
Spring Semester - Second Year		
CIS 147	Cisco Networking III	<u>4</u>
CIS 148	Cisco Networking IV	<u>4</u>
CIS 236	CIS Project OR	
CIS 296	CIS Internship	<u>3</u>
CIS 270	Fundamentals of Linux Administration	<u>3</u>
Total		14
Program Total		62-63

KISHWAUKEE COLLEGE
Computer Programming Certificate #451

Credit Hours 27

Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 101	Introduction to Computers OR	
CIS 123	Management Information Systems	<u>3</u>
CIS 111	Logic and Program Design	<u>3</u>
CIS 150	C++ Programming I	<u>3</u>
CIS 160	Java Programming I	<u>3</u>
	Total	12
 Spring Semester - First Year		
CIS 119	JavaScript	<u>3</u>
CIS 237	Database Management and SQL	<u>3</u>
CIS 250	C++ Programming II	<u>3</u>
CIS 260	Java Programming II	<u>3</u>
CIS 265	Server-Side Programming	<u>3</u>
	Total	15
	 Program Total	 27

KISHWAUKEE COLLEGE
Microcomputer Applications Certificate #452
Credit Hours 20.5
 Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 101	Introduction to Computers OR	
CIS 123	Management Information Systems	3
CIS 105	Introduction to Microsoft Windows	1
CIS 115	Internet Fundamentals	2
CIS 133	Spreadsheets/Excel OR	
OS 133	Spreadsheets/Excel	3
OS 125	Word Processing/Word	3
	Total	12
 Spring Semester - First Year		
CIS 135	Database/Access OR	
OS 135	Database/Access	3
OS 136	Presentation Graphics/PowerPoint	1.5
CIS Electives		4
	Total	8.5
	 Program Total	 20.5

KISHWAUKEE COLLEGE
Web Development Certificate #454
Credit Hours 34-35
 Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 101	Introduction to Computers OR	
CIS 123	Management Information Systems	3
CIS 111	Logic and Program Design	3
CIS 115	Internet Fundamentals	2
CIS 118	Foundations of Web Site Development	3
CIS 160	Java Programming I	3
CIS 140	Networking Fundamentals OR	
CIS 170	Introduction to UNIX	3-4
	Total	17-18
 Spring Semester - First Year		
BUS 101	Introduction to Business	3
CIS 119	JavaScript	3
CIS 122	Web Site Creation Software	2
CIS 237	Database Management and SQL	3
CIS 260	Java Programming II	3
CIS 265	Server-Side Programming	3
	Total	17
	 Program Total	 34-35

KISHWAUKEE COLLEGE
PC Technician Certificate #466
Credit Hours 16
Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 140	Networking Fundamentals	<u>4</u>
CIS 170	Introduction to UNIX	<u>3</u>
	Total	7
Spring Semester - First Year		
CIS 142	PC Repair and Configuration	<u>3</u>
	Total	3
Fall Semester - Second Year		
CIS 182	Windows Server Fundamentals I	<u>3</u>
CIS 184	Windows Professional Configuration	<u>3</u>
	Total	6
	Program Total	16

KISHWAUKEE COLLEGE
Network Administration Certificate #467
Credit Hours 25
Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 140	Networking Fundamentals	<u>4</u>
CIS 182	Windows Server Fundamentals I	<u>3</u>
	Total	7
Spring Semester - First Year		
CIS 142	PC Repair and Configuration	<u>3</u>
CIS 282	Windows Server II Networking	<u>3</u>
	Total	6
Fall Semester - Second Year		
CIS 170	Introduction to UNIX	<u>3</u>
CIS 184	Windows Professional Configuration	<u>3</u>
	Total	6
Spring Semester - Second Year		
CIS 270	Fundamentals of Linux Administration	<u>3</u>
CIS 283	Network Security+	<u>3</u>
	Total	6
	Program Total	25

KISHWAUKEE COLLEGE
Cisco Networking Certificate #468
Credit Hours 26
Catalog Year: 2017

Course	Title	Credit Hours
Fall Semester - First Year		
CIS 140	Networking Fundamentals	<u>4</u>
CIS 170	Introduction to UNIX OR	
CIS 182	Windows Server Fundamentals I	<u>3</u>
	Total	7
Spring Semester - First Year		
CIS 270	Fundamentals of Linux Administration OR	
CIS 282	Windows Server II Networking	<u>3</u>
	Total	3
Fall Semester - Second Year		
CIS 145	Cisco Networking I	<u>4</u>
CIS 146	Cisco Networking II	<u>4</u>
	Total	8
Spring Semester - Second Year		
CIS 147	Cisco Networking III	<u>4</u>
CIS 148	Cisco Networking IV	<u>4</u>
	Total	8
	Program Total	26