

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