

**Degree Requirements**

For more information contact:

First Stop @ 252-638-7205 [admissions@cravencc.edu](mailto:admissions@cravencc.edu)

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Annette Walker @ 252-638-7407 [walkera@cravencc.edu](mailto:walkera@cravencc.edu)



## IT SOFTWARE & WEB DEVELOPMENT: A25590C

**Required Courses** 71 credit hours

**Suggested Full-Time Schedule:** The following suggested schedule is based on full-time enrollment.

**Part-Time Students:** Begin with CTI 110, and CTI 120. Continue with sequence of required courses. General education courses may be taken at any time.

### First Semester (Fall – Year 1)

Course	Credit Hours	Title	Notes
ACA 111	1	College Student Success	
CIS 115	3	Intro to Prog and Logic	
CTI 110	3	Web, Programing & DB Foundation	
CTI 120	3	Network & Security Foundation	
ENG 111	3	Writing & Inquiry	
NOS 110	3	Operating System Concepts	

**Total:** 16 Credit Hours

### Second Semester (Spring – Year 1)

Course	Credit Hours	Title	Notes
CSC 151	3	JAVA Programming	
CTS 115	3	Info Sys Business Concepts	
SEC 110	3	Security Concepts	
WEB 115	3	Web Markup & Scripting	
WEB 151	3	Mobile Application Development	

**Total:** 15 Credit Hours

### Third Semester (Summer – Year 1)

Course	Credit Hours	Title	Notes
ENG 114	3	Professional Research & Reporting	
_____	3	Humanities/Fine Arts Elective	
MAT ____	3	Math Elective	

**Total:** 9 Credit Hours

### Fourth Semester (Fall – Year 2)

Course	Credit Hours	Title	Notes
CSC 251	3	Advanced Java Programming	
CSC 258	3	Java Enterprise Programs	
DBA 120	3	Database Programming	
NOS 125	3	Linux/Unix Scripting	
WEB 210	3	Web Design	

**Total:** 15 Credit Hours

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**Fifth Semester (Spring – Year 2) 13 Credit Hours**

Course	Credit Hours	Title	Notes
CSC 153	3	C# Programming	
CTI 289	3	CTI Capstone Project	
DBA 223	3	MySQL DB Programming II	
ECO 251	3	Principles of Microeconomics	
_____	4	IT Software & Web Dev. Major Elective	
<b>Total: 16</b>			

**Electives Students must select four credits from the following options.**

Course	Credit	Title	Course	Credit	Title
BAS 120	3	Intro to Analytics	CTS 287	3	Emerging Technologies
BAS 121	3	Data Visualization	DBA 110	3	Database Concepts
CIS 110	3	Intro to Computers	DBA 220	3	Oracle DB Programming II
CSC 134	3	C++ Programming	DBA 221	3	SQL Server DB Prog II
CTS 130	3	Spreadsheets	WBL 111	1	Work-Based Learning I (10 hr work)
CTS 210	3	Computer Ethics	WBL 112	2	Work-Based Learning II (20 hr work)
CTS 240	3	Project Management	WEB 215	3	Adv Markup and Scripting

**Graduation Requirements**

Minimum cumulative grade point average of 2.0; successful completion of all course requirements and the minimum number of credit hours for the specific degree; minimum of 18 semester hours completed at Craven Community College; submission of graduation application to the Cashiers Office by published deadlines. (See [college catalog](#) for details.)

*For information about graduation requirements, prerequisites and corequisites, please refer to the catalog.*