

Web Development - Associate in Applied Science (2025-2026 Catalog)

Developmental Education Courses (if required)

<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop
<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	MATH022	Elementary Algebra

Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined below. Developmental education courses may extend the timeline to degree completion

Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

	NEW	Course #	Course Title	Credits	Pre-requisites / Co-requisites
Semester 1	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	ARTA170	Computer Graphics	4	
	<input type="checkbox"/>	CISC100	Intro to Technology Fundamentals	4	
	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL Placement Policy
	<input type="checkbox"/>		AH, SIT, SSHB General Ed. Elective	3	Depends on course selected
			Total Semester Credits:	18	
Semester 2	<input type="checkbox"/>	CISC139	Intro to Web Development	4	
	<input type="checkbox"/>	ARTA130	Web Design I	3	PRE: ARTA170
	<input type="checkbox"/>	CISC128	Client-Side Scripting	4	PRE: CISC100 or ARTA240
	<input type="checkbox"/>	ENGL151	English II (L, T, or R)	3	PRE: ENGL101
	<input type="checkbox"/>		AH, SIT, SSHB General Ed. Elective	3	Depends on course selected
	<input type="checkbox"/>		Total Semester Credits:	17	
Semester 3	<input type="checkbox"/>	MATH	Math Elective	3	PRE: MATH Placement Policy
	<input type="checkbox"/>	CISC257	Server-Side Scripting	4	PRE: CISC128
	<input type="checkbox"/>	CISC150	Object-Oriented Program with Java	4	PRE: CISC115 or CISC128
	<input type="checkbox"/>		AH, SIT, SSHB General Ed. Elective	3	
			Total Semester Credits:	14	
Semester 4	<input type="checkbox"/>	CISC201	Advanced Web Technologies	4	PRE: CISC 139 and CISC257
	<input type="checkbox"/>	CISC270	Database Systems	4	PRE: CISC100 or CISC115
	<input type="checkbox"/>		Elective	3 or 4	
	<input type="checkbox"/>	CISC252	Intro to DevOps	4	PRE: CISC 115 or CISC 114 or CISC 128
			Total Semester Credits:	15/16	
			Total Degree Credits	64/65	

Location Requirements

<input type="checkbox"/>		Diversity
<input type="checkbox"/>		Writing Intensive

Program Notes:

ENGL151: Students have a choice of [ENGL151L](#) (Literature option), [ENGL151R](#) (Report Writing) or [ENGL151T](#) (Technical Writing). Contact your advisor for guidance.

+ Suggested elective choices: BUSA131, ARTA181.

•For the General Education Electives, students must take three courses from at least two of the following areas: Arts & Humanities (AH); Social Science: Society and Institutions over Time (SIT) or Social Science: Scientific Study of Human Behavior (SSHB).

•One course should be designated as Diversity and Global Awareness (D).

•One course must be Writing Intensive (WI)

How to search for general education electives:

In Workday's *Academics*- click *Find Course Sections & Register*, then use the corresponding **Elective Groups** filter to see the available options.

Arts and Humanities = AH

Social Science: Scientific Study of Human Behavior = SSHB

Social Science: Societies and Institutions Over Time = SIT

Math Elective:

MATH140 College Algebra

MATH145 Trigonometry

MATH150 Introductory Statistics

MATH156 STEM College Algebra

MATH160 Pre-Calculus

MATH175 Calculus with Review Part I

MATH176 Calculus with Review Part II

MATH180 Calculus I

MATH181 Calculus II

MATH202 Discrete Math

MATH210 Calculus II

MATH211 Differential Equations

*It is the student's responsibility to be knowledgeable of NCC graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.