Web Development - Associate in Applied Science (2024-2025 Catalog)

Northampton Community College

Developmental Education Courses *(if required)*

	Course #	Course Title
☐	ACLS050	Introduction to Academic Literacy
☐	ENGL027	Writing Skills Workshop
☐	MATH020	Pre-Algebra
☐	MATH022	Elementary Algebra
☐	MATH026	Intermediate Algebra

Placement in English and/or Mathematics must first be determined by <u>official</u> 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.

complete	Course #	Course Title	Credits	Prerequisites / Corequisites
Semester 1				
☐	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
☐	ARTA170	Computer Graphics	4	
☐	CISC100	Intro to Technology Fundamentals	4	
☐	COMM101	Introduction to Communication	3	
☐	ENGL101	English I	3	PRE: ENGL Placement Policy
☐		AH, SIT, SSHB General Ed. Elective	3	Depends on course selected
		Total Semester Credits:	18	
Semester 2				
☐	ARTA130	Web Design I	3	(formerly Intro to Web Design) PRE: ARTA170
☐	ARTA180	Digital Design & Typography I	3	PRE: ARTA170
☐	CISC128	Client-Side Scripting	4	PRE: CISC100 or ARTA240
☐	ENGL151	English II (L, T, or R)	3	PRE: ENGL101
☐	CISC270	Database Systems	4	PRE: CISC100 or CISC115
		Total Semester Credits:	17	
Semester 3				
☐	ARTA232	User Interface Design	3	(replaces ARTA132) PRE: ARTA130
☐	ARTA240	Web Design II	3	(formerly Adv.Web Site Design) PRE: ARTA130
☐	CISC257	Server-Side Scripting	4	PRE: CISC128; PRE or CO: CISC270
☐		Mathematics Elective	3	PRE: Math placement policy
☐		AH, SIT, SSHB General Ed. Elective	3	
		Total Semester Credits:	16	
Semester 4				
☐	CISC208	Mobile Development	4	PRE: CISC257, and CISC270 or CISC125
☐	CISC150	Object-Oriented Programming	4	PRE: CISC115 or CISC128
☐	CISC201	Advanced Web Technologies	4	PRE: ARTA130, CISC158, CISC270
☐		AH, SIT, SSHB General Ed. Elective	3	Depends on course selected
☐		Elective	3	Depends on course selected
		Total Semester Credits:	18	
		Total Degree Credits	69	

General Education Requirements

☐		Diversity
☐		Writing Intensive

Program Notes:

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

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

One must be in a Writing Intensive (WI) section. Writing Intensive course codes end in G. Examples: PSYC103G (PSYC103 is not writing intensive). Please pay attention to the option you select. For example, if you are looking for an SSHB writing intensive course, look for one that ends in G via the SSHB course tag.

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

How to search for general education electives:
In Workday's *Academics-* click *Find Course Sections & Register*, then use the corresponding **Course Tag** 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

Mathematics Elective options: MATH 103, MATH 120, MATH140, MATH145, MATH150, MATH160, MATH165, MATH175, MATH176, MATH180

Suggested elective choices: BUSA131, ARTA181.

*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.