

Computer Science - Associate in Science (2025-26 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.

	complete	Course #	Course Title	Credits	Prerequisites / Corequisites/Notes
Semester 1	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL Placement Policy
	<input type="checkbox"/>	MATH180	Calculus I	4	PRE: MATH160 with C or better or Placement
	<input type="checkbox"/>	CISC115	Computer Science I	4	PRE: MATH022 or Placement policy
	<input type="checkbox"/>		SIT General Education Elective	3	Depends on the course selected
			Total Semester Credits:	15	
Semester 2	<input type="checkbox"/>	CISC125	Computer Science II	4	PRE: CISC115 & (MATH156 w/C or better) or math policy
	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	ENGL151L	English II (Literature) (D)	3	PRE: ENGL101
	<input type="checkbox"/>	MATH181	Calculus II	4	PRE: MATH176 or 180 with C or better or Placement Policy
	<input type="checkbox"/>		SSHB General Ed. Elective	3	Depends on the course selected
			Total Semester Credits:	17	
Semester 3	<input type="checkbox"/>	CISC230	Data Structure	4	PRE: CISC125
	<input type="checkbox"/>		Science Elective	4	Depends on the course selected
	<input type="checkbox"/>		Elective	3/4	Depends on the course selected
	<input type="checkbox"/>	MATH202	Discrete Mathematics	3	PRE: MATH176 or MATH180
			Total Semester Credits:	14/15	
Semester 4	<input type="checkbox"/>	CISC225	Computer Organization	4	PRE: CISC125
	<input type="checkbox"/>	CISC252	Introduction to DevOps	4	PRE: CISC 114 or 115 or 128
	<input type="checkbox"/>		AH General Education Elective	3	Depends on the course selected
	<input type="checkbox"/>		Elective	3	Depends on the course selected
	<input type="checkbox"/>		Elective	3	
			Total Semester Credits:	17	
Total Degree Credits				62/63	

General Education Requirements

<input type="checkbox"/>	ENGL151L	Diversity
<input type="checkbox"/>		Writing Intensive
<input type="checkbox"/>	PHIL111G, PHIL202G, or PSYC103G	Writing Intensive

***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.**

Program Notes:

Two courses must be taken in Writing Intensive (WI) sections. One must be selected from among the General Education Electives (AH, SIT or SSHB); the second must be selected from PHIL111G, PHIL202G, or PSYC103G.

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.

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

Electives must be chosen from the list of courses which are applicable to AA and AS degrees, and should be chosen with transferability in mind.

MATH210 Calculus III is recommended as one of the Electives

Suggested Electives:

CISC 280G - Law and Ethics

CISC 286 - Linux Administration

CISC 270 - Database Systems