

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
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"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	MATH180	Calculus I	4	PRE: MATH160 with C or better or Placement Policy
	<input type="checkbox"/>	CHEM120	General Chemistry I	4	PRE: MATH022 or Placement Policy, 1yr HS Chemistry or CHEM011; ENGL101 eligibility
		Total Semester Credits:		15	
Semester 2	<input type="checkbox"/>	MATH181	Calculus II	4	PRE: MATH176 or MATH180 with a C or better*
	<input type="checkbox"/>	PHYS215	Physics for Science & Engineering I	5	PRE or CO: MATH181
	<input type="checkbox"/>	CISC115	Computer Science	4	PRE: MATH022 or Placement Policy
	<input type="checkbox"/>	ENGL151L	English II (Literature) (D)	3	PRE: ENGL101
		Total Semester Credits:		16	
Semester 3	<input type="checkbox"/>	MATH210	Calculus III	4	PRE: MATH181 with C or better
	<input type="checkbox"/>	PHYS225	Physics for Science & Engineering II	5	PRE: PHYS215 with a C or better
	<input type="checkbox"/>		Engineering Elective*	3/4	
	<input type="checkbox"/>		Technical Elective**	3/4	
		Total Semester Credits:		15-17	
Semester 4	<input type="checkbox"/>	MATH211	Differential Equations	4	PRE: MATH210 with C or better
	<input type="checkbox"/>		Engineering Elective*	3/4	
	<input type="checkbox"/>		AH General Education Elective	3	Depends on course selected
	<input type="checkbox"/>		SSHB General Education Elective	3	Depends on course selected
	<input type="checkbox"/>		SIT General Education Elective	3	Depends on course selected
		Total Semester Credits:		16/17	
		Total Degree Credits		62-65	

General Education Requirements

<input type="checkbox"/>	ENGL151L	Diversity
<input type="checkbox"/>	PHYS215 & PHYS225	Combined Fulfill 1 Writing Intensive Requirement
<input type="checkbox"/>		Writing Intensive (AH, SIT, or SSHB)

Program Notes:

Students must take three General Education Electives (SIT, SSHB or AH) one of which 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 elective group.

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

***Students may, also, be eligible for MATH181: Calculus II if they have received a score of 4 or 5 on AP Calc AB test or 3, 4 or 5 on AP Calc BC test**

Technical Electives:

Any ENGG elective -->

CADM100

CHEM201

CHEM220

CISC125

CISC230

**eligibility will depend on which elective is chosen

Engineering Electives:

ENGG201*

ENGG251*

ENGG252

ENGG191

ENGG192

ENGG193

ENGG194

*primary offerings to fulfill electives

***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.**