

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

Placement in English and Math 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"/>	CISC101	Introduction to Information Technology	3	
	<input type="checkbox"/>	ELTC101	Electrical Fundamentals	3	
	<input type="checkbox"/>	EMEC114	Mechanical Skills for the Trades	2	
	<input type="checkbox"/>	HVAC101	Fundamentals of HVAC/R I	4	PRE or CO: ELTC101
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH Placement
	<input type="checkbox"/>	OSAH101* or OSAH102	Construction Industry Outreach Safety Education or General Industry Safety Education	1	*OSAH101 is recommended
				Total Semester Credits:	17
Semester 2	<input type="checkbox"/>	CMGT104	Construction Print Reading	3	
	<input type="checkbox"/>	ELTC107	Electrical Wiring I	3	PRE: ELTC101
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL placement policy
	<input type="checkbox"/>	HVAC102	Fundamentals of HVAC/R II	3	PRE: ELTC101, HVAC101
	<input type="checkbox"/>	HVAC124	Heating: Gas, Oil, Solar, Thermal, Air & Hydronic Systems	4	PRE: ELTC101
	<input type="checkbox"/>	HVAC140	Heat Pump Systems	2	PRE: ELTC101, HVAC101
				Total Semester Credits:	18
Semester 3	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	ELTC135	Electrical Motors and Controls	4	PRE: ELTC101
	<input type="checkbox"/>	ENGL151T	English II (Technical Writing)	3	PRE: ENGL101
	<input type="checkbox"/>	PHYS152	Physical Science II	3	
	<input type="checkbox"/>		Technical Elective	3	
			Total Semester Credits:	16	
Semester 4	<input type="checkbox"/>	HVAC204	Refrig. System Design & Troubleshoot	3	PRE: HVAC102
	<input type="checkbox"/>	HVAC250	HVAC Air Distribution Systems: Design, Install, Testing	3	PRE: ELTC101, HVAC101
	<input type="checkbox"/>		AH,SIT, or SSHB Elective	3	
	<input type="checkbox"/>		AH,SIT, or SSHB Elective	3	
	<input type="checkbox"/>		Elective	3	
			Total Semester Credits:	15	
			Total Degree Credits	66	
General Education Requirements					
<input type="checkbox"/>		Diversity (D)			
<input type="checkbox"/>		Writing Intensive (G)			

Program Notes:

HVAC101: In conjunction with this course the seminar/testing session: EPA Refrigerant Usage Certification is offered.

Technical Electives:

Any CADM, EMEC, ELEC, ELTC, ENGG, CHEM, CISC or WELD course. **Recommended is HVAC265 – Building Automation Systems (BAS)**

Ineligible electives: CADM100, CADM117, or EMEC115

Students must take two General Education Electives (SIT, SSHB or AH) and one of these must be in a Writing Intensive (WI) section. **GEOG121G is recommended.**

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, use the corresponding **Course Tag** filter to see the available options.

Arts and Humanities = AH

Scientific Study of Human Behavior = SSHB

Societies and Institutions Over Time = SIT

***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.**