

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/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"/>	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/CO: ELTC101
	<input type="checkbox"/>	OSAH101* or OSAH102	Construction Industry Outreach Safety Education or General Industry Outreach Safety Education	1	*OSAH101 is recommended
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH Placement
			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 3/4	<input type="checkbox"/>	ELTC135	Electrical Motors and controls	4	PRE: ELTC101
	<input type="checkbox"/>	HVAC204	Refrigeration System Design and Troubleshooting	3	PRE: HVAC102
	<input type="checkbox"/>	HVAC250	Air Distribution Systems: Design, Installation, and Testing	3	PRE: ELTC101, HVAC101
	<input type="checkbox"/>		Technical Electives	3-4	
	<input type="checkbox"/>		Technical Electives	3-4	
			Total Semester Credits:	16-18	
			Total Degree Credits	51-53	

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

*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.