

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
Semester 1	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	ELTC101	Electrical Fundamentals	3	
	<input type="checkbox"/>	EMEC114	Mechanical Skills for the Trades	3	
	<input type="checkbox"/>	EMEC130	Introduction to Process Control	2	
	<input type="checkbox"/>	WELD105	Introduction to Welding Processes	5	
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH Placement
			Total Semester Credits:	14	
Semester 2	<input type="checkbox"/>	ELTC107	Electrical Wiring I	3	PRE: ELTC101
	<input type="checkbox"/>	EMEC105	Introduction to Fluid Power	3	
	<input type="checkbox"/>	EMEC110	Mechanical Components	3	
	<input type="checkbox"/>	EMEC140	Sensors, Wiring and Troubleshooting	1	PRE: ELTC101
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL placement policy
	<input type="checkbox"/>	OSAH102	General Industry Outreach Safety Education	1	
	<input type="checkbox"/>		Elective	3-5	
			Total Semester Credits:	17-19	
Semester 3	<input type="checkbox"/>	EMEC240	Industrial Control Systems I	4	PRE: ELTC101; PRE/CO: EMEC140
	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	ELTC109	Electrical Wiring II	3	PRE: ELTC107
	<input type="checkbox"/>	ELTC135	Electrical Motors and Controls	4	PRE: ELTC101
	<input type="checkbox"/>	EMEC205	Electrical Controls of Fluid Power	3	
			Total Semester Credits:	17	
			Total Degree Credits	51-53	

Program Notes:

EMEC102, EMEC245, HVAC101, or WELD125 are recommended to fulfill the elective requirement. Consult with your advisor.

EMEC102 Fundamentals of Mechanical Maintenance is only available as an option for pre-apprentice completers.

*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.