Electrical Technology - Certificate (2024-2025 Catalog)

Developmental Education Courses *(if required)*

☐	ACLS050	Introduction to Academic Literacy
☐	ENGL027	Writing Skills Workshop
☐	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

complete	Course #	Course Title	Credits	Pre-requisites / Co-requisites
Semester 1				
☐	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
☐	CISC101	Introduction to Information Technology	3	
☐	ELTC101	Electrical Fundamentals	3	
☐	EMEC114	Mechanical Skills for the Trades	2	
☐	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH Placement
☐	OSAH101* or OSAH102	Construction Industry Outreach Safety Education or General Industry Outreach Safety Education	1	*OSAH101 is the recommended selection.
		Total Semester Credits:	13	
Semester 2				
☐	CMGT104	Construction Print Reading	3	
☐	ELTC107	Electrical Wiring I	3	PRE: ELTC101
☐	ELTC135	Electrical Motors and Controls	4	PRE: ELTC101
☐	EMEC140	Sensors, Wiring, and Troubleshooting	1	PRE: ELTC101
☐		Technical Elective	3/4	Depends on course selected
		Total Semester Credits:	14-15	
Semester 3				
☐	ELTC109	Electrical Wiring II	3	PRE: ELTC107
☐	EMEC240	Industrial Control Systems I	4	PRE: ELTC101; PRE or CO: EMEC140
☐	ENGL101	English I	3	PRE: ENGL Placement Policy
☐		Technical Elective	2/3	
		Total Semester Credits:	12-13	
		Total Degree Credits	39-41	

Program Notes:

Technical Electives: any ELTC, HVAC, CADM, EMEC, ELEC, ENGG, CHEM, CISC, or WELD
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.