

## **Electrical Technology - Certificate (2023-2024 Catalog)**

Developmental Education Courses (if required)				
	ACLS050	Introduction to Academic Literacy		
	ENGL027	Writing Skills Workshop		

Placement in English and/or Mathematics must first be determined by <u>official</u> 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	Pre-requisites / Co-requisites
		COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
		CISC101	Introduction to Information Technology	3	
r 1		ELTC101	Electrical Fundamentals	3	
Semester		EMEC114	Mechanical Skills for the Trades	2	
πe		MATH103	Technical Mathematics	3	
Ser		OSAH101 or OSAH102	Construction Industry Outreach Safety Education or General Industry Outreach Safety Education	1	OSAH 101 is the recommended selection.
			Total Semester Credits:	13	
		CMGT104	Construction Print Reading	3	
2		ELTC107	Electrical Wiring I	3	PRE: ELTC101
		ELTC135	Electrical Motors and Controls	4	PRE: ELTC101
Semester		EMEC140	Sensors, Wiring, and Troubleshooting	1	PRE: ELTC101
S			Technical Elective+	3/4	Depends on course selected
			Total Semester Credits:	14-15	
3		ELTC109	Electrical Wiring II	3	PRE: ELTC107
-		EMEC240	Industrial Control Systems I	4	PRE: ELTC101; PRE or CO: EMEC140
est		ENGL101	English I	3	PRE: ENGL Placement Policy
Semester			Technical Elective	3/4	Depends on course selected
S			Total Semester Credits:	12-13	
	Total Degree Credits				

## **Program Notes:**

 $+ {\sf Eligible \ Technical \ Electives:} \ \ {\sf any \ ELTC, \ HVAC, \ CADM,}$ 

 ${\sf EMEC,ELEC,ENGG,CHEM,CISC,orWELD}$ 

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.