Northampton Electrical Technology - Certificate (2025-2026 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 <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
	П	COLS101			Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
Semester 1		COLSTOI	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*	Construction Industry Outreach Safety		
	□ or OSAH102		Education or General Industry Outreach	1	*OSAH101 is the recommended selection.
			Safety Education		
			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	
3		ELTC109	Electrical Wiring II	3	PRE: ELTC107
Semester 3		EMEC240	Industrial Control Systems I	4	PRE: ELTC101; PRE/CO: EMEC140
		ENGL101	English I	3	PRE: ENGL Placement Policy
			Technical Elective	2/3	
			Total Semester Credits:	12-13	

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.