Northampton Electrical Technology - Specialized Diploma (2023-2024 Catalog)

Placement in English and/or Mathematics are not required for this program; however, if a student chooses to change their major and pursue an associate's degree at any point, this information may be necessarily (depending on the program chosen). In this case, official transcripts and/or placement testing would be needed and developmental education courses would be taken, if needed, based on a student's placement.

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	
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 Mathemtics	3		
		OSAH101 or OSAH102	Construction Industry Outreach Safety Education or General Industry Outreach Safety Education	1	OSAH101 is recommended	
			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		
			Total Degree Credits	27-28		

Program Notes:

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