

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2022  
3 Semesters

**ELECTRICAL SYSTEMS TECHNOLOGY**  
**Diploma (D35130)**

Catalog/Academic Year 2022-2023

**Key to symbols after some courses:**

\* Developmental courses (ENG 002 and/or MAT 003) may be required based on college placement and course requisites.

<sup>GE</sup> Fulfills the general education requirements for this diploma.

**FALL SEMESTER 2022**

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
BPR 111 Print Reading	1	2	0	2		
ELC 112 DC/AC Electricity	3	6	0	5		
ELC 113 Residential Wiring	2	6	0	4		
ELC 118 National Electrical Code	1	2	0	2		
MAT 121 Algebra/Trigonometry I <sup>*GE</sup>	2	2	0	3		

**SPRING SEMESTER 2023**

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
ELC 115 Industrial Wiring	2	6	0	4		
ELC 117 Motors and Controls	2	6	0	4		
ELC 213 Instrumentation	3	2	0	4		

**SUMMER TERM 2023**

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
ELC 128 Intro to PLC	2	3	0	3		
ELC 215 Electrical Maintenance	2	3	0	3		
ENG 111 Writing and Inquiry <sup>*GE</sup>	3	0	0	3		

**MINIMUM SEMESTER HOURS REQUIRED FOR DIPLOMA**

**37**

*For additional information about requirements and graduation, please refer to the [Curriculum Program Completion and Graduation](#) policy. Program-specific criteria may be found on the respective [Programs](#) page. For questions about this program, consult the Program Director or an advisor for assistance.*