

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2022

**ELECTRONICS ENGINEERING TECHNOLOGY**

Catalog/Academic Year 2023-2024

Day Program

**Associate Degree (A40200)**

6 Semesters

**Key to symbols after some courses:**

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

\*\*Requires prior approval by Work Based Learning Coordinator.

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

**FALL SEMESTER 2023**

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
ACA 122 College Transfer Success	0	2	0	1		
ELC 131 Circuit Analysis I	3	3	0	4		
ELC 131A Circuit Analysis I Lab	0	3	0	1		
ENG 111 Writing and Inquiry* <sup>GE</sup>	3	0	0	3		
MAT 121 Algebra/Trigonometry I* <sup>GE</sup>	2	2	0	3		

**SPRING SEMESTER 2024**

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
COM 231 Public Speaking* <sup>GE</sup>	3	0	0	3		
ELC 127 Software for Technicians	1	3	0	2		
ELN 131 Analog Electronics I	3	3	0	4		
MAT 122 Algebra/Trigonometry II	2	2	0	3		

**SUMMER TERM 2024**

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
ELC 128 Intro to PLC	2	3	0	3		
ELN 132 Analog Electronics II	3	3	0	4		

**FALL SEMESTER 2024**

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
CTS 120 Hardware/Software Support	2	3	0	3		
ELC 228 PLC Applications	2	6	0	4		
ELN 133 Digital Electronics	3	3	0	4		
SOC 210 Introduction to Sociology* <sup>GE</sup>	3	0	0	3		

**SPRING SEMESTER 2025**

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
CTI 120 Network and Security Foundation	2	2	0	3		
ELN 232 Introduction to Microprocessors	3	3	0	4		
HUM 115 Critical Thinking* <sup>GE</sup>	3	0	0	3		
PHY 110 Conceptual Physics*	3	0	0	3		
PHY 110A Conceptual Physics Lab*	0	2	0	1		

**SUMMER TERM 2025**

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
CTS 220 Advanced Hard/Software Support	2	3	0	3		
WBL 110 World of Work**	1	0	0	1	Online	
WBL 111 Work-Based Learning I**	0	0	10	1		

**MINIMUM SEMESTER HOURS REQUIRED FOR AAS DEGREE                      64**

*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.*