

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2022

ELECTRICAL SYSTEMS TECHNOLOGY

Catalog/Academic Year 2024-2025

Day and Evening Program

Maintenance Electrician

3 Semesters

Certificate (C35130M)

FALL SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
		X	ELC 112 DC/AC Electricity	3	6	0	5	
		X	ELC 113 Residential Wiring	2	6	0	4	

SPRING SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
		X	ELC 117 Motors and Controls	2	6	0	4	
X			ELC 118 National Electrical Code	1	2	0	2	

SUMMER TERM

8 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X	ELC 215 Electrical Maintenance	2	3	0	3	

MINIMUM SEMESTER HOURS REQUIRED FOR CERTIFICATE

18

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.