



DABNEY S. LANCASTER
COMMUNITY COLLEGE

Electrical Troubleshooting (Level 2)

Career Studies Certificate
Program Code: 221-942-03
2020-2021 Catalog

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Purpose

The Electrical Troubleshooting program is a continuation of the level 1 Practical Electrical Technician program. It was developed for those who wish to gain or upgrade skills for an academic award, either to enhance credentials and/or complete a program before continuing further study. Credits earned in this program may be applied toward the college's Associate of Applied Science degree in Technical Studies/Electrical and Instrumentation Technology.

Admission Requirements

Students who meet the admission requirements to the College are eligible for enrollment into the program. Individuals are expected to be proficient in basic English, mathematics and reading. Appropriate developmental courses are available for those who need to update their skills.

Program Description

The Electrical Troubleshooting program is designed to prepare individuals for entry level positions or advancement opportunities in the electrical field. Electrical troubleshooters are able to assist electricians in their daily tasks and perform basic troubleshooting functions. Work involves basic electrical troubleshooting and bending conduit, while also performing the duties of an electrical helper. This is the second level of a three level pathway. Students should have completed the courses in level 1 prior to enrolling in levels 2 and 3 or have previous relevant experience to satisfy needed pre-requisites. The program head should be contacted to seek approval for prior experience.

Employment Outlook

Possible job titles include, but are not limited to, electrical helper/troubleshooter.

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Dabney S. Lancaster Community College is an equal opportunity/affirmative action institution and employer.



Course Number	Course Name	Cr.	Pre/Co Requisites	Semester	Grade
Fall Semester					
ENG 111	College Composition I	3	Prerequisite: Readiness to enroll in ENG 111	F	
INS 220	Introduction to Fluid Power	3		F	
ELE 175	Industrial Solid State Devices & Circuits	2	Prerequisite: ELE 150	F	
ETR 141	Electronics I	3		F	
Spring Semester					
DRF 201	Computer Aided Drafting and Design I	3		SP	
ELE 239	Programmable Controllers	3		SP	
ELE 156	Electrical Control Systems	3		SP	
PHI 220	Ethics	3		SP	

Credit hours required for certificate: 23

TRANSFER OPTIONS

Agreements exist between Dabney S. Lancaster Community College and various four-year colleges and universities. Contact Student Services for information about further study after graduation from DSLCC.

DISCLAIMERS

Every effort is made to ensure accuracy, but the College reserves the right to make edits with respect to course offerings, programs and requirements contained in this publication. This information is provided for the convenience of the reader and DSLCC disclaims any liability. Please note that not all courses are offered at all locations or during all sessions. Check class sites and times when registering. Most programs of study begin in the fall semester. Please note that while new students are welcome to enroll in any session, those who enter in spring or summer will likely find that completion of requirements may take longer.