

Practical Electrical Technician (G3 Level 1)

Career Studies Certificate
Program Code: 221-942-01
2020-2021 Catalog

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Purpose

Nearly all residential, commercial, and industrial buildings have electrical power, lighting, communications and control systems that must be properly installed, maintained and upgraded throughout their lifetime by qualified, competent electricians and technicians. Modern manufacturing facilities often utilize complex production systems involving the coordinated interaction of electrical, electronic, mechanical and computer components and devices. To ensure public safety, state and local governments require that electrical power and equipment installations be performed and maintained by appropriately trained, experienced, qualified and/or licensed personnel. Residential electricians and (commercial) inside electricians are examples of such types of workers. Credits earned in this certificate program may also 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 Practical Electrical Technician program is designed to prepare individuals for entry level positions or advancement opportunities in the electrical field. Practical electrical technicians are able to assist electricians in their daily work. Work involves bending conduit and performing the duties of an electrical helper. This is the first level of a three level pathway. Students should complete the courses in this level prior to enrolling in levels 2 and 3.

Employment Outlook

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

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Course Number	Course Name	Cr.	Pre/Co Requisites	Semester	Grade
Fall Semester					
ELE 150	A.C. and D.C. Fundamentals	3		F	
SDV 100	College Success Skills	1		F	
MTH 131	Technical Mathematics	3	Prerequisite: MTE 1-6	F	
ELE 138	National Electrical Code Review I	3		F	
Spring Semester					
ITE 115	Introduction to Computer Applications and Concepts	3		SP	
ELE 149	Wiring Methods in Industry	3		SP	
SAF 130	Industrial Safety – OSHA 10	1		SP	

Credit hours required for certificate: 17

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.