

Public Transportation Diesel Maintenance

Career Studies Certificate

Purpose: This program is designed specifically to provide mechanics employed by public transit authorities throughout the Commonwealth of Virginia with technical training in the basic theory and fundamentals of the various electrical and mechanical systems related to transportation vehicles.

Occupational Objective: The Public Transportation Diesel Maintenance Program is designed for mechanics employed by the Public Transit Authorities only.

Admission Requirements: General college curricular admission

Program Notes: In addition to the general college curricular admission requirements, each student must be sponsored by a public transit authority and be admitted to the program by both the Diesel program head and the school dean.

CURRICULUM				
COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
DSL 123	Diesel Engine Systems I	2	0	2
DSL 124	Diesel Engine Systems II	2	0	2
DSL 141	Transportation Electrical Systems I	2	0	2
DSL 142	Transportation Electrical Systems II	2	0	2
DSL 161	Air Brake Systems I	2	0	2
DSL 162	Air Brake Systems II	2	0	2
DSL 171	Transportation Air Conditioning I	2	0	2
DSL 172	Transportation Air Conditioning II	2	0	2
ENG 111 or ____ ¹	College Composition I or Approved General Education Elective	3	0	3
TOTAL		19	0	19
Total Minimum Credits for Career Studies Certificate in Public Transportation Diesel Maintenance				19

¹A list of approved general education electives (humanities/fine arts, social/behavioral sciences,

mathematics, science, and personal wellness) is provided in the General Education section of the catalog under Curriculum Planning and Design.

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