

# Richmond Community College



## Career and College Promise Certificate

CIS 110	Introduction to Computers
ELC 131	DC/AC Circuit Analysis
EUS 110	Intro to Electric Utility Industry
EUS 130	Electric Utility Print Reading
EUS 210	Large High Voltage Power Transfmr I



## A.A.S Degree

*Certificate courses plus:*

ACA 122	College Transfer Success
ECO 252	Principles of Macroeconomics
ELC 117	Motors and Controls
or	
ELN 231	Industrial Controls
ELC 128	Introduction to PLC
ELN 229	Industrial Electronics
ENG 111	Writing and Inquiry
ENG 112	Writing/Research in the Disciplines
EUS 215	Large High Voltage Power Transfmr II
EUS 220	High Voltage Power Circuit Breakers
EUS 225	Elect. Util. Safety and Human Perf.
EUS 230	Electric Utility Protective Relaying I
EUS 235	Electric Utility Protective Relaying II
EUS 240	Substation Ancillary Systems
EUS 255	Elec. Util. Troubleshooting
EUS 260	Capstone & Case Studies in EUSRT
MAT 171	Precalculus Algebra
MAT 172	Precalculus Trigonometry
PHY 122	Applied Physics II
Elective	Humanities/Fine Arts



## Careers

Relay Technician	\$50,000 - \$55,000*
Substation Technician	\$45,000 - \$50,000*

\*estimated entry-level wage range

Career Technical Education Pathway: EUSRT

Career Technical Education Pathways are based on the best information available when published. The RCC Program and Course Catalog is the official source for all RCC program and course information.

**For more information about this pathway, contact Kary Edmondson at 910.410.1928 or [kcedmondson@richmondcc.edu](mailto:kcedmondson@richmondcc.edu).**

Revised: 10.01.15