
Career-Technical Scholarship

For graduates of schools having an Articulated Training Agreement with Pearl River Community College, full tuition and half tuition scholarships will be awarded to entering career-technical freshmen who meet the following qualifications:

- High school diploma
- Completed a two-year career-technical program in high school
- Enroll full time (within a year after high school graduation) in a career-technical program at PRCC
- Full tuition scholarships require overall "B" average or above in high school
- Half tuition scholarships require overall "C" average in academic courses with an "A" average in career-technical program courses in high school

Requirements for Admission

- Official copy of high school transcript or official copy of GED scores
- Completed application of admission (also available online at www.prcc.edu)
- College/University transcript (if applicable)
- ACT scores (for students pursuing the Associate in Applied Science degree)

Submit the above documents to:

Office of Admissions
Pearl River Community College
101 Highway 11 North
Poplarville, MS 39470

Why College?

Research shows that education pays. Students who complete associate degrees and certificates are more likely to move into professional positions with higher earnings. Students with a solid education beyond high school can expect to earn an average of \$250,000 more than people with only a high school diploma.

Need More Information?

Electrical Technology
Pearl River Community College
101 Highway 11 North
Poplarville, MS 39470
(601) 403-1258

Career-Technical Education
Pearl River Community College
101 Highway 11 North
Poplarville, MS 39470
(601) 403-1241

visit our website at
www.prcc.edu



Pearl River Community College offers equal education and employment opportunities. We do not discriminate on the basis of race, religion, color, sex, age, national origin, veteran status, or disability.

Any person needing to request accommodations, special assistance, or alternate format publication, please contact the ADA Coordinator's office at 601-403-1260.

PRCC reserves the right to alter or change any statement contained herein without prior notice.

Brochure revised: December 20, 2009

Electrical Technology

Associate of Applied Science/
Certificate of Proficiency

Poplarville Campus



About the Program

The Electrical Technology Program at Pearl River Community College is designed to lead to an Associate in Applied Science Degree or a Certificate of Proficiency. The two-year Associate in Applied Science degree program includes fifteen semester hours of academic coursework in addition to the program major core courses requirement. The Certificate of Proficiency program of study is one-year in length and consists of the program major core courses.

The program prepares individuals to install, operate, maintain, and repair electrically energized systems such as residential, commercial, and industrial electrical wiring, DC motors, AC motors, controls, and electrical distribution panels. Instruction includes in-depth training in many aspects of the electrical field. Instruction in the use of test equipment and meters is included.

Applicants for the Electrical Technology Program must have a high school diploma or a GED.

Career Opportunities in the Field

The employment outlook for skilled electrical technicians is excellent. Job opportunities for electricians are expected to continue to be very good because of the continuous growth of the electrical industry and technological advancements. Electricians are needed to install and maintain electrical devices and wiring in homes, factories, offices, and other structures.

ELECTRICAL TECHNOLOGY

Associate of Applied Science Degree

GENERAL EDUCATION CORE REQUIREMENTS:

ENG 1113 English Composition I	3
Mathematics/Science Elective	3
Oral Communication Elective.....	3
Humanities/Fine Arts Elective.....	3
Social/Behavioral Science Elective.....	3
Total.....	15

MAJOR CORE COURSE REQUIREMENTS:

ELT 1192 Fundamentals of Electricity	2
ELT 1144 AC and DC Circuits	4
ELT 1263 Blueprint Reading.....	3
ELT 1274 Switching Circuits.....	4
ELT 2613 Programmable Logic Controllers.....	3
ELT 2424 Solid State Motor Control	4
ELT 1124 Commercial Industrial Wiring	4
EET 1334 Solid State Devices	4
ELT 1413 Motor Control Systems.....	3
ELT 1223 Motor Maintenance & Troubleshooting	3
ELT 1114 Residential Wiring	4
ELT 1253 Branch Circuits & Service Ent. Calc.	3
ELT 1213 Electrical Power.....	3
Technical Electives	6
Total.....	50

TOTAL CREDITS.....65

TECHNICAL ELECTIVES:

EET 1713 Drafting for Electronics/Electrical Technology
EET 2423 Fundamentals of Fiber Optics
EET 1613 Computer Fund. for Electronics/Electricity*
CPT 1113 Introduction to Computers*
ELT 2913 Special Project in Electrical Technology
ELT 292(1-6) Supervised Work Experience
ELT 1283 Estimating the Cost of a Residential Installation
Approved Computer Programming Language*

* May be selected as computer related elective



ELECTRICAL TECHNOLOGY

Certificate of Proficiency

MAJOR CORE COURSE REQUIREMENTS:

ELT 1192 Fundamentals of Electricity.....	2
ELT 1144 AC and DC Circuits.....	4
ELT 1274 Switching Circuits.....	4
ELT 1263 Blueprint Reading	3
ELT 1413 Motor Control Systems	3
ELT 1114 Residential Wiring.....	4
ELT 1124 Commercial Industrial Wiring	4
ELT 1253 Branch Circuits & Service Ent. Calc.	3
ELT 1213 Electrical Power	3
Technical Electives.....	6

TOTAL CREDITS

TECHNICAL ELECTIVES:

ELT 2613 Programmable Logic Controllers
EET 1334 Solid State Devices
ELT 1223 Motor Maintenance & Troubleshooting
ELT 2424 Solid State Motor Control
ELT 2913 Special Project in Electrical Technology or
ELT 2923 Supervised Work in Electrical Technology
