
Career-Technical Scholarship

Full 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 within the state of Mississippi
- Must be accepted into any Career-Technical program at PRCC within 1 calendar year following high school graduation
- Must be enrolled in a minimum of 9 credit hours per semester in the program's core curriculum at PRCC
- Full Tuition- Overall GPA of 3.5 or higher on a 4-point scale or 90 or higher on a 100-point scale upon high school graduation
- Half Tuition- Overall GPA of 3.0 or higher on a 4-point scale or 80 or higher on a 100-point scale upon high school graduation
- All other academic scholarship policies apply

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
(601) 403-1214

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?

Heating, Air Conditioning and Refrigeration
Instructors:

Eric McCoy or Sam Lawler	Tommy Broom
Poplarville Campus	Forrest Co. Ctr.
(601) 403-1261	(601) 554-5540

Career-Technical Education	
Poplarville Campus	Forrest County Center
(601) 403-1101	(601) 554-5529

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: April 6, 2010

Heating, Air Conditioning & Refrigeration

Poplarville Forrest County Center



PEARL RIVER
COMMUNITY COLLEGE

Where your future begins

About the Program

The Heating, Air Conditioning and Refrigeration Technology Program at Pearl River Community College is a two-year program of study designed to lead to an Associate in Applied Science Degree or a Certificate of Proficiency.

The Heating, Air Conditioning and Refrigeration program prepares students to work in engineering departments or private firms installing, maintaining, and operating small or medium air conditioning, heating, and refrigeration systems. Instruction prepares individuals to work in a commercial setting performing special tasks relating to designing ductwork, assembly, installation, servicing, operation and maintenance of heating and cooling systems according to the standards of the American Society of Heating, Refrigeration and Air Conditioning Engineers Inc., Air Conditioning Contractors of America (ACCA), and Air Conditioning Refrigeration Institute (ARI).

Applicants for the Heating, Air Conditioning and Refrigeration Program must have a high school diploma or a GED.

Career Opportunities in the Field

The demand for skilled technicians in South Mississippi and across the United States is expected to remain excellent for the next seven years. Beginning journeyman technicians average between \$12-\$15 per hour depending on job responsibilities and employment location. The beginning salary for service technicians in the Heating, Air Conditioning and Refrigeration field is estimated to be \$30,000 per year.

Programs of Study

HEATING, AIR CONDITIONING AND REFRIGERATION

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 COURSE REQUIREMENTS:

ACT 1124 Basic Compression Refrigeration.....	4
ACT 1713 Electricity for Heating, Air Conditioning and Refrigeration.....	3
ACT 1133 Tools and Piping.....	3
ACT 1313 Refrigeration System Components.....	3
ACT 1812 Professional Service Procedures.....	2
ACT 1213 Controls.....	3
ACT 2414 Air Conditioning I.....	4
ACT 2513 Heating Systems.....	3
ACT 2624 Heat Load and Air Properties.....	4
ACT 2424 Air Conditioning II.....	4
ACT 2324 Commercial Refrigeration.....	4
ACT 2433 Refrigerant, Retrofit and Regulations.....	3
Technical Electives.....	9
Total.....	49

TOTAL CREDITS..... 64

TECHNICAL ELECTIVES:

ACT 292(1-3) Special Project
ACT 292(1-6) Supervised Work
CPT 1113 Fundamentals of Microcomputer Applications
DDT 1414 Fundamentals of Drafting
ELT 1213 Electrical Power
ELT 1223 Motor Maintenance & Troubleshooting



HEATING, AIR CONDITIONING AND REFRIGERATION

Certificate of Proficiency

MAJOR COURSE REQUIREMENTS:

ACT 1124 Basic Compression Refrigeration.....	4
ACT 1713 Electricity for Heating, Air Conditioning and Refrigeration.....	3
ACT 1133 Tools and Piping.....	3
ACT 1313 Refrigeration System Components.....	3
ACT 1812 Professional Service Procedures.....	2
ACT 1213 Controls.....	3
ACT 2414 Air Conditioning I.....	4
ACT 2513 Heating Systems.....	3
ACT 2624 Heat Load and Air Properties.....	4
ACT 2424 Air Conditioning II.....	4
ACT 2324 Commercial Refrigeration.....	4
ACT 2433 Refrigerant, Retrofit and Regulations.....	3
ELT 1223 Motor Maintenance & Troubleshooting.....	3
Technical Electives.....	12

TOTAL CREDITS.....55

TECHNICAL ELECTIVES:

ACT 292(1-3) Special Project
ACT 292(1-6) Supervised Work
ELT 1192 Fundamentals of Electricity
ELT 1213 Electrical Power
