

2007-08 Catalog: Programs of Study

Air Conditioning, Refrigeration and Heating Systems Technology

All the new construction in Florida has increased the demand for experienced and educated specialists in air conditioning, refrigeration and heating systems. The need for trained technicians who can install, repair or service air conditioning, heating and refrigeration systems is expected to grow faster than average for all occupations through his decade. This degree program prepares graduates for supervisory and/or management positions after only a few years of industry experience.

There are three options within this program:

- **Air Conditioning, Refrigeration and Heating Systems Technology** A.A.S. Degree
- **Air Conditioning, Refrigeration and Heating Systems Technician** Technical Certificate
- **Air Conditioning, Refrigeration and Heating Systems Assistant** Technical Certificate

Students have the opportunity to earn the technical certificates while completing the requirements for the degree.

Air Conditioning, Refrigeration and Heating Systems Assistant (6121)

Technical Certificate

Providing a basic knowledge of the repair or service for air conditioning and heating systems, this certificate will complement the technical certificate for a **systems technician**.

Career Opportunities, Rapid Placement

Florida's growth is soaring; Jacksonville is a boomtown. And much of the city and state are being built by graduates of our construction programs. The employment rate in all trades is 100%. No Florida Community College student who wants a job goes without a job.

You have the opportunity to network with major contractors and become employed while you're still in school. Florida Community College's Building Construction program has a long-standing relationship with this region's major industry organizations, such as Woods Engineering, C. Young Construction, Superior Construction, Paul Fraser Homes, Stellar Group, C & C Powerlines, Dickey Smith & Company, Miatt Construction and Accubuild Construction.

Members of the Northeast Florida Builders Association serve on our **Construction Management Advisory Council** and on advisory committees for all trades, as well as provide internships and fund annual scholarships. The advisory committees provide leadership, support and guidance for the program and support such educational activities as constructing residential projects from design to move in.

Annual Salaries

Starting salaries range from \$16 to \$20 an hour. Overtime, bonuses, rapid advancement and opportunities for self-employment can rapidly increase your income.

Articulations

All courses are directly applicable to Florida Community College's **Air Conditioning, Refrigeration and Heating Systems Technology** A.A.S. degree, as well as the **Air Conditioning, Refrigeration and Heating Systems Technician** technical certificate.

Cost

Estimated cost of tuition is \$797 (tuition rated for Florida residents, as of 7/07). Contact the program manager for additional costs (textbooks, materials, fees).

Need More Information? Contact:

Betty Sasser, Advisor, Downtown Campus, 904.633.8454
Or call 904.361.6353

Curriculum

Course Number and Title

Credits

Professional Courses

BSC 1005	Life in Its Biological Environment	3
ACR 1052	Air Conditioning and Refrigeration Theory I	3
ACR 1121	HVAC Controls	3
ACR 1611	Applied Heating I	3
	Credit Hours	12
	Total Credit Hours	12

Please see the technical certificate **Graduation Requirements**.

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