

2007-08 Catalog: Programs of Study

Construction Electricity Management

The rapidly growing construction industry in Florida has intensified the needs for experts in the area of residential electricity. Trained electricians who know the National Electrical Code (NEC) will be in increasing demand through this decade. With the training this program provides and a few years of practical experience in the industry, graduates will be prepared for supervisory and/or management positions.

There are three options within this program:

- **Construction Electricity Management** A.A.S. Degree
- **Construction Electricity Technician** Technical Certificate
- **Construction Electricity Assistant** Technical Certificate

You may choose to earn the technical certificates while completing the requirements for this degree.

Construction Electricity Management (A185)

Associate in Applied Science

Connect to an exciting career in Construction Electricity Management. This program combines essential training in electricity and practical experience to prepare you for management positions.

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.

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.

You have the opportunity to network with major contractors and become employed while you're still in school. We also refer you for internships and job interviews.

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 the electricity specialty track in **Building Construction Technology** A.S. degree.

Cost

Estimated cost of tuition is \$4,316 (tuition rated for Florida residents as of 7/07). Contact the program manager for additional costs (textbooks, fees, materials).

Note

This associate in science degree program is intended primarily for students who desire to complete an associate in science degree and become employed. Students who decide to pursue university transfer study must meet certain course and test requirements. For details refer to **the university transfer guide**.

Need More Information? Contact:

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

Curriculum

Course Number and Title	Credits
General Education	
ENC 1101 English Composition I	3
*Humanities	3
*Mathematics	3
*Social and Behavioral Sciences	3
BSC 1005 Life in Its Biological Environment	3
Credit Hours	15
Trade Core Courses	
BCN 2760 Construction Design and Codes	3
ENC 2210 Technical Report Writing	3
GEB 1011 Introduction to Business	3
BCN 2732 OSHA Safety	3
APA 1001 Applied Accounting	3
BCN 1251 Construction Drawing	3
BCN 2614 Planning and Estimating	3
Credit Hours	21
Professional Courses	
BCT 1609 DC Theory	3
BCT 1608 AC Theory	3
BCT 1631 Residential Wiring I	3
BCT 1636 Commercial Wiring I	3
BCT 1632 Residential Wiring II	3
BCT 1637 Commercial Wiring II	3
BCT 1881 Electrical Maintenance	3
BCT 1610 NEC Review	3
BCT 1940 Co-op Work Experience I	2
BCT 1941 Co-op Work Experience II	3
Credit Hours	29
Total Credit Hours	65

*Refer to A.A.S. degree **General Education Requirements**.

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