

## 2007-08 Catalog: Programs of Study

### Building Construction Technology (Construction Management) (2234)

#### Associate in Science

The mission of the Building Construction Technology program is to enable graduates to achieve their maximum potential in the building construction field. This includes providing and maintaining a strong, active relationship with the construction industry in Northeast Florida through graduates, industry advisory committees, internships and mutual support. This program's purpose is to provide construction management students with skilled craftsmanship, management skills, leadership responsibilities in a technologically oriented, diverse, dynamic and global construction environment.

Construction management — construction jobs today are more complex than ever. Construction managers coordinate and supervise the process from the conceptual development stage through construction, making sure that the project gets done on time and within budget.

#### 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.

In this program, you'll 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. 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.

#### Cost

Estimated cost of tuition is \$4,250 (tuition rated for Florida residents, as of 7/07). Contact program manager about 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
<b>General Education</b>	
<b>ENC 1101</b> English Composition I	3
<b>MAC 1105</b> College Algebra	3
<b>or MAC 1140</b> Precalculus Algebra (4 cr.)	
<b>MAC 1114</b> College Trigonometry	3
*Social and Behavioral Sciences	3
*Humanities	3
<b>Credit Hours</b>	<b>15</b>

#### Required Professional Courses

<b>BCN 2781</b>	Construction Computing	3
<b>BCN 1251</b>	Construction Drawing I	3
<b>BCN 1210</b>	Construction Materials	3
<b>BCN 1210L</b>	Construction Materials Lab	1
<b>BCN 2405</b>	Introduction to Structures	3
<b>BCN 2226</b>	Soils and Foundations	3
<b>BCN 2732</b>	OSHA Safety	3
<b>ACG 2021</b>	Financial Accounting	4
<b>BCN 2563</b>	Electrical Systems	2
<b>BCN 2614</b>	Planning and Estimating	3
<b>BCN 2280</b>	Surveying: Construction Layout	3
<b>BCN 2793</b>	Managing Building Construction	3
<b>BCN 2760</b>	Construction Design and Codes	3
<b>BCN 1943</b>	Internship	3
<b>BCN 2721</b>	Construction Scheduling	3
<b>BUL 2131</b>	Business Law I — The Legal Environment of Business	3
	<b>Credit Hours</b>	<b>46</b>

**Professional Electives (minimum 3 credit hours)**

<b>BCT 1040</b>	Blueprint Reading	2
<b>ETD 2542</b>	Structural Drafting	3
<b>TAR 2120</b>	Architectural Drafting	3
<b>STA 2023</b>	Elementary Statistics	3
<b>ECO 2013</b>	Principles of Economics I	3
<b>ECO 2023</b>	Principles of Economics II	3
<b>MAC 2233</b>	Calculus for Business and Social Sciences	3
<b>GEB 1011</b>	Introduction to Business	3
	<b>Credit Hours</b>	<b>3</b>

**Total Credit Hours** **64**

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

**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**.

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