

### Information Technology

Computer developers are the people who change our lives as much as the fellow who invented the wheel. Without developers, computers are useless. Applications developers design, write, test, and debug software programs. Systems developers oversee and integrate the work of applications developers and serve as technical advisors to systems analysts, application programmers, and operations personnel.

There are five options within this program:

- **Information Technology** A.S. Degree
- **Customer Support Specialist** Technical Certificate
- **Web Development Specialist** Technical Certificate
- **Database Development Specialist** Technical Certificate
- **Computer Programming Specialist** Technical Certificate

Students may choose to pursue the Information Technology degree and earn technical certificates while completing the requirements for the degree, or pursue one or more certificate programs to develop or upgrade their skills in a particular field. Contact an advisor or counselor to determine the career education path that is best for you.

### Web Development Specialist (6954)

#### Technical Certificate

The explosive growth of the Internet and electronic commerce affects almost every company and organization today. Most medium to large size corporations and organizations, and many small businesses, now develop web sites for electronic commerce, to develop marketing relationships, distribute company information to employees and their customers, and to access vital information in databases. The Web Development Specialist Technical Certificate provides the necessary coursework and hands-on experiences to enable graduates to design, develop, maintain, manage and administer comprehensive web sites for corporations and organizations. The program also provides a foundation for various certification examinations in Webmaster/Web Development.

#### Articulations

All courses in this certificate program apply to the **Information Technology** A.S. degree.

#### Cost

Estimated cost of tuition is \$1,793 (tuition rated for Florida residents, as of 7/07). Contact the program manager for additional costs (textbooks, materials, fees).

#### Need More Information? Contact:

**Rick Nelson**, South Campus, 904.646.2061

#### More Information Online

#### Department of CIS and OST at South Campus

#### Curriculum

Course Number and Title	Credits
<b>General Education</b>	
<b>COP 1000</b> Introduction to Programming and Algorithm Design	3
<b>COP 2822</b> Web Technologies	4
<b>CGS 2283</b> Internet Servers and Inter-networking	4
<b>COP 2702</b> Oracle SQL and PL/SQL	4
<b>CGS 2820</b> Web Site Design and Development	4
<b>CGS 2821</b> Advanced Web Site Design and Development	4

<b>COP 2840</b>	Internet Programming	4
	<b>Credit Hours</b>	<b>27</b>
	<b>Total Credit Hours</b>	<b>27</b>

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

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To request information, contact the Learner Support Center at [info@fccj.edu](mailto:info@fccj.edu) or 904.646.2300.

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