

## Florida Computer Science Courses

### General Education

Course Number	Course Title
200320	AP COMPUTER SCI 1
200325	AP CPTR SCI A INNOV
200335	AP COMPUTER SCI PRIN
200435	PRE-AICE COMP STU IG
200480	AICE COMP SCI 1 AS
200485	AICE COMP SCI 2 AL
200490	AICE INFO TECH 1 AS
200495	AICE INFO TECH 2 AL
200800	IB COMPTR SCIENCE 1
200810	IB COMPTR SCIENCE 2
200820	IB COMPTR SCIENCE 3

### Career & Technical

#### Grades 9-12

Course Number	Course Title
8206020	Business Computer Programming 2
8206030	Business Computer Programming 3
8206040	Business Computer Programming 4
8206050	Business Computer Programming 5
8206060	Business Computer Programming 6
8206070	Business Computer Programming 7
8206430	Specialized Database Programming
8206440	Specialized Database Applications
8208330	Game & Simulation Programming
8208340	Multi-User Game & Simulation Programming
8208400	Game, Simulation, & Animation Advanced Applications
9001110	Foundations of Web Design
9001120	User Interface Design
9001130	Web Scripting Fundamentals
9001140	Media Integration Essentials
9001160	Interactivity Essentials
9001250	CSIT Cyber Security Essentials
9001260	CSIT Cyber Security - Physical
9001330	Cybersecurity Essentials
9001340	Operational Cybersecurity

**Career & Technical****Grades 9-12**

<b>Course Number</b>	<b>Course Title</b>
9001350	Cybersecurity Planning & Analysis
9001360	Database Security
9001370	Software & Application Security
9001380	Web Security
9001390	Applied Cybersecurity Applications
9003450	Programming Essentials
9003490	Cybersecurity Fundamentals
9003540	Programming Principles
9005230	Modeling and Simulation Application
9007210	Foundations of Programming
9007220	Procedural Programming
9007230	Object-Oriented Programming Fundamentals
9007240	Java Programming Essentials
9007250	Applied Object-Oriented Java Programming
9007260	Java Database Programming
9007310	Database Design & SQL Programming
9007320	SQL Extension Languages I
9007330	SQL Extension Languages II
9007340	Custom Database Programming
9007510	Web Programming
9007520	JavaScript Programming
9007530	PHP Programming
9007410	.NET Application Development Foundation
9007420	.NET Application Development Applied
9007610	Advanced Information Technology
9400110	Principles of Scientific Visualization
9400120	Data Modeling
9400130	Advanced Applications in Scientific Visualization
<b>Grades 6-8</b>	
9009200	Coding Fundamentals