

**FLORIDA COURSE CODE DIRECTORY  
COMPUTER SCIENCE COURSE INFORMATION  
2019-2020**

Section 1007.2616, Florida Statutes, was amended by the Florida Legislature to include the definition of computer science and a requirement that computer science courses be identified in the Course Code Directory published on the Department of Education's website.

**DEFINITION:** The study of computers and algorithmic processes, including their principles, hardware and software designs, applications, and their impact on society, and includes computer coding and computer programming.

**SECONDARY COMPUTER SCIENCE COURSES**

Middle and high schools in each district, including combination schools in which any of grades 6-12 are taught, must provide an opportunity for students to enroll in a computer science course. If a school district does not offer an identified computer science course the district must provide students access to the course through the [Florida Virtual School](#) (FLVS) or through other means.

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>
0200000	M/J Computer Science Discoveries
0200010	M/J Computer Science Discoveries 1
0200020	M/J Computer Science Discoveries 2
0200305	Computer Science Discoveries
0200315	Computer Science Principles
0200320	AP Computer Science A
0200325	AP Computer Science A Innovation
0200335	AP Computer Science Principles
0200435	PRE-AICE Computer Studies IGCSE Level
0200480	AICE Computer Science 1 AS Level
0200485	AICE Computer Science 2 A Level
0200490	AICE Information Technology 1 AS Level
0200495	AICE Information Technology 2 A Level
0200800	IB Computer Science 1
0200810	IB Computer Science 2
0200820	IB Computer Science 3
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
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
9007410	.NET Application Development Foundation
9007420	.NET Application Development Applied
9007510	Web Programming
9007520	JavaScript Programming
9007530	PHP Programming

9007610	Advanced Information Technology
9009200	Coding Fundamentals
9009600	Digital Discoveries in Society
9400110	Principles of Scientific Visualization
9400120	Data Modeling
9400130	Advanced Applications in Scientific Visualization

### **ELEMENTARY COMPUTER SCIENCE COURSES**

The following elementary courses have also been identified as meeting the definition of computer science as defined in Section 1007.2616, Florida Statutes; however, there currently is no requirement for districts to offer computer science in the elementary grades (K-5).

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>
5002010	Introduction to Computer Science 1
5002020	Introduction to Computer Science 2