

**FLORIDA COURSE CODE DIRECTORY
COMPUTER SCIENCE COURSE INFORMATION
2020-2021**

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.

| COURSE NUMBER | COURSE TITLE |
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| 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 |
| 0200475 | PRE-AICE Computer Science 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 |

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| 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 |

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| 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).

| COURSE NUMBER | COURSE TITLE |
|----------------------|------------------------------------|
| 5002010 | Introduction to Computer Science 1 |
| 5002020 | Introduction to Computer Science 2 |