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the United States' highest honor for K-12 teachers of mathematics and science (including computer science). In 2017, she was one of just 10 teachers to be honored with the Computer Science Teaching Excellence Award. This international award is sponsored by Infosys Foundation USA; the Association for Computing Machinery, the world's leading computing society; and the Computer Science Teachers Association. Ms. Corricelli teaches AP Computer Science Principles at Conard High School, West

Hartford, Connecticut, and serves as an independent consultant to the College Board for the AP Computer Science Principles Course. Barron's AP Computer Science A with CD-ROM Course Technology Ptr This updated manual presents computer science test takers with— Three AP practice tests for the Level A course, including a diagnostic test Charts

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System Requirements: This program will run on a PC with: 2.33GHz or faster x86-compatible processor, or Intel® Atom™, 1.6GHz or faster processor for netbooks Microsoft® Windows® Server 2008, Windows Vista® Home Premium, Business, Ultimate, or Enterprise (including 64 bit editions) with Service Pack 2, Windows 7, or

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by including examiner's tips and suggestions on how to approach the questions This title has not been through the Cambridge International Examinations endorsement process. Texas Computer Science 8-12 141 Secrets Cambridge University Press This text is intended for use in the Java programming course Tony Gaddis 's accessible, step-by-step presentation helps beginning students

understand the important details necessary to become skilled programmers at an introductory level. Gaddis motivates the study of both programming skills and the Java programming language by presenting all the details needed to understand the " how " and the " why " —but never losing sight of the fact that most beginners struggle with this material. His approach is both gradual and highly accessible, ensuring that

students understand the logic behind developing high-quality programs. In *Starting Out with Java: Early Objects*, Gaddis looks at objects—the fundamentals of classes and methods—before covering procedural programming. As with all Gaddis texts, clear and easy-to-read code listings, concise and practical real-world examples, and an abundance of exercises appear in every chapter. Teaching and

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Accompanying animation files of the key concepts are available to download for free online. See the Quick Links to the left to access. This

book covers the IGCSE (0478), O Level (2210) and US IGCSE entry (0473) syllabuses, which are for first examination 2015. It may also be a useful reference for students taking the new Computer Science AS level course (9608). [Study Guide for the Florida Teacher Certification Examination](#)
Workman Publishing Company Computer science departments at universities in the U.S.A. are world

renowned. This handy reference guide gives detailed profiles of 40 of the best known among them. The profiles are organized in a uniform layout to present basic information, faculty, curriculum, courses for graduate students, affiliated institutions, facilities, research areas, funding, selected projects, and collaborations. Two full alphabetical listings of professors are included, one giving their

universities and the other their research areas. The guide will be indispensable for anyone - student or faculty, not only in the U.S.A. - interested in research and education in computer science in the U.S.A. FTCE Test Review for the Florida Teacher Certification Examinations Research & Education Assoc. ***Includes Practice Test Questions*** TExES Computer Science 8-12 (141) Secrets

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predicate logic to testing and verification of software and digital circuits that focuses on applications rather than theory. Computer scientists use logic for testing and verification of software and digital circuits, but many computer science students study logic only in the context of traditional mathematics, encountering the subject in a few lectures and a handful of problem sets in

a discrete math course. This book offers a more substantive and rigorous approach to logic that focuses on applications in computer science. Topics covered include predicate logic, equation-based software, automated testing and theorem proving, and large-scale computation. Formalism is emphasized, and the book employs three notations:

traditional algebraic formulas of propositional and predicate logic; digital circuit diagrams; and the widely used partially automated theorem prover, ACL2, which provides an accessible introduction to mechanized formalism. For readers who want to see formalization in action, the text presents examples using Proof Pad, a lightweight ACL2 environment.

Readers will not become ALC2 experts, but will learn how mechanized logic can benefit software and hardware engineers. In addition, 180 exercises, some of them extremely challenging, offer opportunities for problem solving. There are no prerequisites beyond high school algebra. Programming experience is not required to understand the book's equation-

based approach. The book can be used in undergraduate courses in logic for computer science and introduction to computer science and in math courses for computer science students.