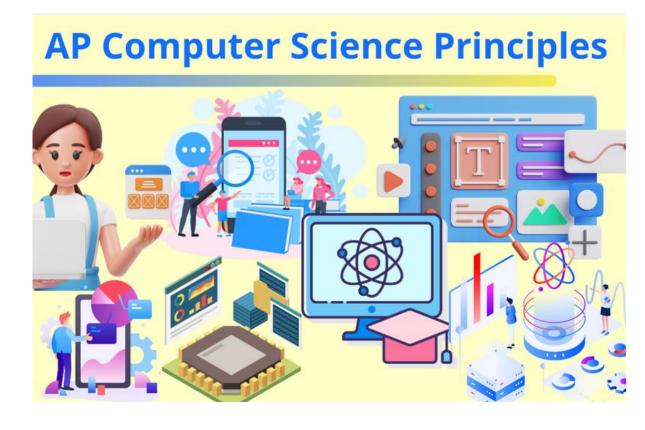
eC2 Academy Curriculum Design V 2025



CS 51 APCSP Review

Dr. Eric Chou

IEEE Senior Member, Adjunct Professor, Lewis University

http://ecode24.com, facebook/DrEricChou

AP CSP Goals

- College first semester introductory course to computers
- Most 4-year university don't offer this course any more. Therefore, it has been considered as a must-take course for STEM students in high school
- Introduce the basic hardware and software of computers, data science, data processing, programming, networks, Al and many aspects of computer science.

CS 51 AP CSP Review

Software Development Life Cycle

Python/JS Programming

Networks

Data Science

Computer Organization and Operation System

Social Impacts

Cybersecurity

APCSP

Data Science

Hardware Software Network and Cybersecurity

Programming and Algorithms

Ohlone College
CS-101 Introduction
to Computers and
Information
Technology
CNET 901A/B

Berkeley Data 8

The Foundations of Data Science

Berkeley CS61C

Machine Structure and Assembly

Berkeley CS161

Cybersecurity

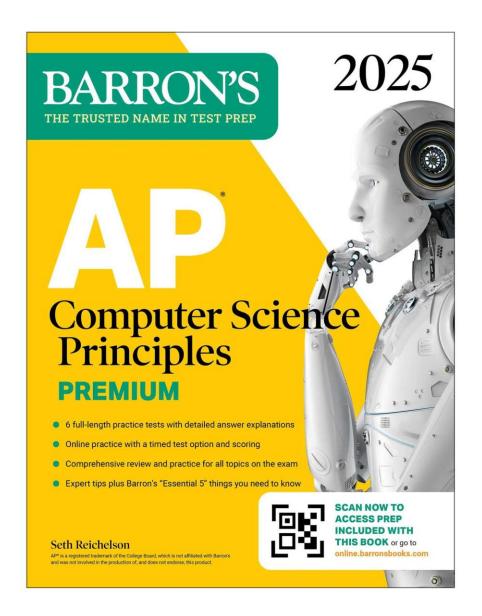
Berkeley CS 10

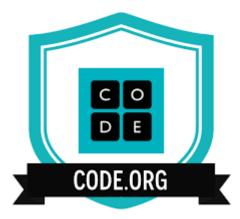
The Beauty and Joys of Computing

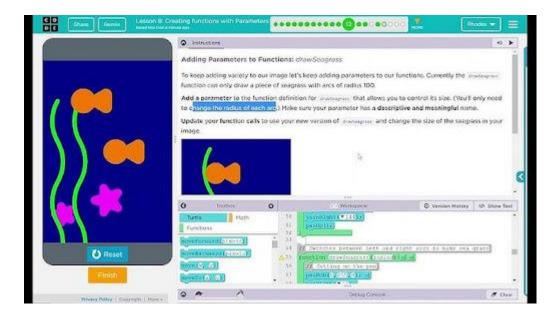


AP[®] Computer Science Principles

2020-21 Updates Summer 2020







CS 51 APCSP Review

- Meeting Time:
 - Saturday 8:00pm
- Delivery: Zoom online
- Schedule: January to April
- Audience: APCSP Exam Takers
- Contacts: Dr. Eric Chou
 - 510-304-9428
- Email: echou510@gmail.com
- Limited Spaces

