Tools and Resources for Teaching AP CSA Syllabus

CodeHS Professional Development Online Course

Details

Course delivery method: Self-Paced Online Delivery

Contact hours: Approximately 5 hours

Prerequisite(s): Some experience using CodeHS curriculum and LMS will be helpful

Introduction

This course covers all of the tools and resources on CodeHS and through the College Board for supporting AP CSA teachers. Major resources include the FRQ Center, practice exams, the review course, Java practice problems, AP classroom, how to use College Board reader summaries and rubrics, and more.

Course Outcomes

Educators will:

- Leverage the CodeHS AP CSA Hub to successfully help students learn the Java programming language and ultimately be successful on the AP CSA Exam.
- Choose and utilize the AP CSA Curriculum and set appropriate pacing for the course.
- Utilize the CodeHS resources to support the learning process.
- Understand the AP CSA Exam format and utilize both CodeHS and College Board's AP Classroom resources available to prepare students for the AP CSA Exam
- Incorporate the AP and CodeHS Labs to enhance the learning process.

More Information

Browse the content of this course at https://codehs.com/course/16036/explore.

Course Breakdown (approximately 5 hours)

Unit 1: Welcome to Tools and Resources for Teaching AP CSA with CodeHS	
Topics Covered	- Welcome to Tools and Resources for Teaching AP CSA with CodeHS course - Course Syllabus - Course Outline - Getting Help in your Online Course - CodeHS Knowledge Base - Connect with the CodeHS Educator Community - Setting Your Goals!
Unit 2: The CodeHS AP CSA Hub	
Topics Covered	Introducing the CodeHS AP CSA Hub
Unit 3: Curricular Resources on CodeHS for AP CSA	
Topics Covered	- The Flavors of CodeHS AP CSA courses - Using the CodeHS AP CSA Syllabus - Creating your Sections on CodeHS
Unit 4: Resources for Helping Students Master Java	
Topics Covered	- Tutorials - Practices - Java Textbook - College Board Learning Resources
Unit 5: Resources for Preparing Students for the AP Exam	
Topics Covered	- Understanding the format of the AP CSA Exam - Preparing Students for the MC portion of the Exam - Understanding the FRQ - Preparing Students for the FRQ portion of the Exam
Unit 6: AP Labs Resource (30 min)	

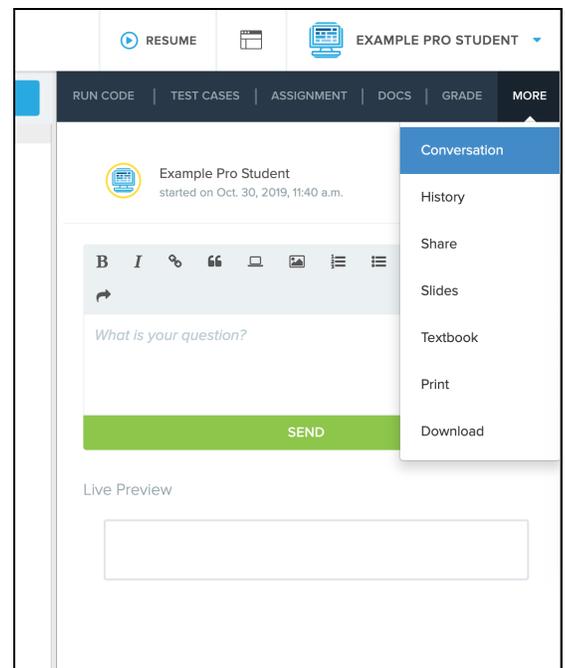| Topics Covered	● College Board and CodeHS Labs ● Using Labs to Enhance Learning
Unit 7: Course Wrap Up	
Topics Covered	● End of Course Reflection ● Course Survey ● Connect with CodeHS Community ● Tools & Resources for Teaching AP CSA Badge ● Certificate of Completion

Communication & Support

The instructor(s) will communicate with students as needed for individual questions and feedback.

Getting Help with Activities

Course students can use the Conversation tab in the code editor to ask questions about any of the activities in the course. Course instructor(s) will respond to questions and provide feedback in this area as well.

You can find more information about getting help with your coursework HERE.

Course Criteria for Completion

Once students have successfully completed all activities in the course, a Certificate of Completion will be available.