

ROBERT S. WELCH CENTER FOR GRADUATE AND PROFESSIONAL STUDIES
GOUCHER COLLEGE
ADVANCED PLACEMENT SUMMER INSTITUTE – ONLINE
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SYLLABUS

COURSE CODE/TITLE	AP 518.100 Preparing Students for Advanced Placement Computer Science A
AP CONSULTANT	Reg Hahne – rhahne@hcpss.org
DATES AND TIMES	Tuesday, June 21 through Friday, June 24, 2022 (7:30 a.m. to 4:00 p.m. EDT) <i>Note: Monday, June 20, 2022, is the Juneteenth federal holiday.</i>

COURSE DESCRIPTION

This online course is designed to maximize the learner experience, providing relevant AP content and pedagogy through meaningful engagement – all focused on best practices for preparing your AP students for success. Specifically, during this AP Computer Science A APSI, participants will explore the course framework, the exam, and the new AP resources that will help them plan and focus instruction—and give them feedback throughout the year on the areas where individual high school students need additional focus. Participants also will learn about completing the digital activation process at the start of the school year that will give them immediate access to the new resources and will help ensure that their students can register for AP Exams by the new fall deadlines. By attending this APSI, participants will gain deeper insight into the following key takeaways, among several others: Understand the Course; Plan the Course; Teach the Course; Assess Student Progress; and Engage as a Member of the AP Community. In addition, specific attention will be paid to the following AP Classroom resources: unit guides, personal progress checks, AP teacher community, and the AP question bank.

COURSE AGENDA

AP CS A	Day 1	Day 2	Day 3	Day 4
Session 1	<ul style="list-style-type: none"> • Introductions and course goals 	<ul style="list-style-type: none"> • Exam overview • Unit overview • Grading the Exam 	<ul style="list-style-type: none"> • Steganography Lab • Personal Progress Checks • AP Teacher Community 	<ul style="list-style-type: none"> • Best Practice Presentations
Session 2	<ul style="list-style-type: none"> • Consumer Review Lab • Introduction to the CED • Data Types, decisions and looping 	<ul style="list-style-type: none"> • Data Lab • APClassroom • Arrays/ArrayLists 	<ul style="list-style-type: none"> • Class Progress • AP Question Bank • AP Teacher Community • 2D Arrays 	<ul style="list-style-type: none"> • Best Practice Presentations
Session 3	<ul style="list-style-type: none"> • Instructional Approaches • Curricular requirements • Program Design and introduction to OOP programming 	<ul style="list-style-type: none"> • Formative Assessment 	<ul style="list-style-type: none"> • Unit Planning • Celebrity Lab • Scavenger Hunt 	<ul style="list-style-type: none"> • It's a wrap

DESCRIPTION OF REQUIREMENTS FOR GRADUATE CREDIT

To receive graduate credit students **MUST**:

- Participate in group learning opportunities to the best of their ability.
- Complete a “Best Practice” virtual presentation to the participants.
- Attend class 100% of the time.

GRADE AND TRANSCRIPT INFORMATION

Goucher College does not issue grade reports. You can obtain your grade approximately 3 weeks after concluding the course by going to the myGoucher website (myGoucher) and following the prompts to receive your grade. If you have misplaced your password, please contact the help desk (helpdesk@goucher.edu) and they will help you through this procedure.

If you need a paper copy of grades for tuition reimbursement, you will need to request a transcript in writing. You can fax your request to 410-337-6504 or mail to:

Goucher College
Registrar’s Office
1021 Dulaney Valley Road
Baltimore, MD 21204

There is no charge for this request. Please allow 3-5 working days to process. To access the transcript request form, please go to [Transcript-Request.pdf \(goucher.edu\)](#).

Questions? Please call the Welch Center Office at 410-337-6200.