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

SYLLABUS

COURSE CODE/TITLE AP 595.400 Preparing Students for Advanced Placement Computer Science Principles

AP CONSULTANT Reg Hahne – rhahne@hcpss.org

DATES AND TIMES Monday, June 27 through Thursday, June 30, 2022 (7:30 a.m. to 4:00 p.m. EDT)

COURSE DESCRIPTION

This in-person 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 Principles 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 OVERVIEW

This course will include the integration of 7 Big Ideas designed around 6 Computational Thinking Practices listed:

- ✓ Connecting Computing
- ✓ Creating Computational Artifacts
- ✓ Abstracting
- ✓ Analyzing Problems and Artifacts
- ✓ Communication
- ✓ Collaborating

COURSE AGENDA

AP CS Principles	Day 1	Day 2	Day 3	Day 4
Session 1	• Introductions and course goals	• Curricular Requirements	• Instructional Approaches	• A look at APCentral
Session 2	• Computational Thinking Practices	• Finding Resources and Endorsed Providers	• Assessing Content and Skills	• Best Practice Presentations

Session 3	• Big Ideas and Course at a Glance	• Unit Planning	• Formative and Summative Questions	• Best Practice Presentations

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" 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.