Learning Outcomes

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GLENDALE
COMMUNITY COLLEGE

WHAT IS CLOUD COMPUTING & COMPUTER SCIENCE ACADEMY ?

Cloud Computing & Computer Science Academy (CCCS) at Glendale High School

- Opportunity for students to:
    - Take FREE college classes during their high school day
    - Receive Dual Credit (HS & College Credit)
    - Earn their high school diploma and up to 26 college units in the time it takes to graduate high school
    - Take courses that expose students to computer science and cloud computing-related fields.

WHO IS THE CCCS FOR?

Interested in taking college courses in computer science and cloud computing

GPA 2.0 and above

Planning to attend a public 4 year University (UCs or CSUs)*

Hardworking, committed, and motivated to learn

*Some private and independent colleges/ universities may not accept dual credit courses. For more information, please contact individual institutions directly.

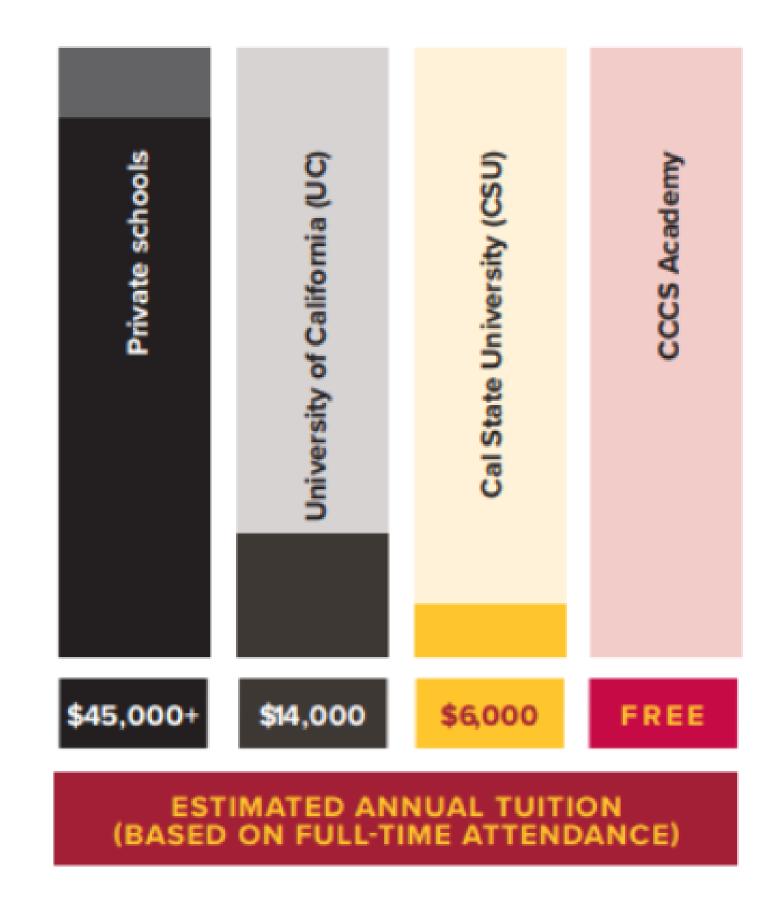# WHY GCC CLOUD COMPUTING & COMPUTER SCIENCE ACADEMY?

COST   CONVENIENCE   CURRICULUM

CONVENIENCE

- Classes take place at Glendale High School
- GCC Faculty teach at Glendale High School
- College classes embedded into high school bell schedule
- Cohort model classes
- Access to GCC student support services
- Support from CCCS Glendale High School Counselor

- CCCS Students have the opportunity to earn:
  - A high school diploma
  - Progress towards completion of various certificates awarded by GCC
  - Transferable college units, which demonstrate academic rigor for college admission.

Some private and independent colleges/ universities may not accept dual credit courses. For more information, please contact individual institutions directly.

Course offerings may change

10th
Student Development 101 & 141
Computer Science 101 & 194

11th
Computer Science 112 & 151
Speech 101

12th
Computer Science 190 & 240
Student Development 125

CURRICULUM

COURSE OFFERINGS MAY CHANGE

The program is open to all GUSD students entering their 10th grade; those with a resident school other than Glendale High must obtain an intra-district permit and transfer to Glendale High School to enroll in the CCCS. Contact GUSD Career & College Division for requests. Career Education Department
(818) 241-3111 Ext. 2100

Semester	10th Grade	11th Grade	12th Grade
Summer Session	Stu Dev 101		
Fall Semester	Computer Sci 101		
Winter Session	Stu Dev 141		
Spring Semester	Computer Sci 194		

Semester	10th Grade	11th Grade	12th Grade
Summer Session	Stu Dev 101		
Fall Semester	Computer Sci 101	Computer Sci 112	
Winter Session	Stu Dev 141	Speech 101	
Spring Semester	Computer Sci 194	Computer Sci 151	

CLOUD COMPUTING
COMPUTER SCIENCE
ACADEMY
GHS + GCC

GLENDALE
COMMUNITY COLLEGE

Semester	10th Grade	11th Grade	12th Grade
Summer Session	Stu Dev 101		
Fall Semester	Computer Sci 101	Computer Sci 112	Computer Sci 190
Winter Session	Stu Dev 141	Speech 101	Stu Dev 125
Spring Semester	Computer Sci 194	Computer Sci 151	Computer Sci 240

SAMPLE SCHEDULE

Sample Schedule:
10TH GRADE

PERIOD	COURSE
1	Core English Class
2	Core Math Class
3	Core Science Class
4	AP Core Class
5	**Tue/Thu: CS/IS 101** **Mon: Study Hall & Student Support**
6	Elective
7	PE / Sports or another elective

*THIS IS A SAMPLE SCHEDULE. SCHEDULES VARY FROM STUDENT TO STUDENT.

CLOUD COMPUTING
COMPUTER SCIENCE ACADEMY
GHS + GCC

CCCS COURSES

- Class sizes are max 30 students per class (smaller than regular classes at GHS)

- Courses students take are based on the Amazon Web Services curriculum framework in cloud computing

- Goal is to prepare students to take Amazon Web Services (AWS) Certification exam after completion of Computer Sci 240

- Progress towards completion of various certificates awarded by Glendale Community College

ADDITIONAL BENEFITS

After completion of CCCS Academy courses, students have the opportunity to earn a certificate by taking additional courses at GCC, giving them early preparation to work in the Computer Science field!

ADDITIONAL CERTIFICATE OPTIONS (ADDITIONAL COURSES)	
Cloud Computing Certificate (18 units)	CS/IS 241,242,243
IT Technician (18 units)	CS/IS 186, 197, & 6 CS/IS UNITS MORE FROM IT TECHNICAN LIST
Cybersecurity Specialist (18 units)	CS/IS 196, 193, 183
Computer Networking (18 units)	CS/IS 196, 197 & 3 CS/IS UNITS FROM THE COMPUTER NETWORKING LIST

STUDENT SUPPORT

- Access to GCC counseling services & programs (tutoring, writing and math labs)

- Faculty office hours held at Glendale HS and/or virtually, listed on syllabus
  - To follow FERPA* regulations, only students are able to meet with instructors

- Built in student development courses

- Academy Counselor has Office Hours during Snack & Lunch (classroom/academic support)

- Built in Study Hall

- If parents have concerns, please discuss student progress with CCCS Counselor

*FERPA (Family Educational Rights and Privacy Act). This means that GCC Staff and Faculty can only discuss a student's records/academic performance with that student.

STUDENT EXPECTATIONS

- 3 year committment to Glendale High School & Glendale Community College

- Connect with CCCS Counselor

- Ask for help & support

- Connect with professors during Office Hours

- Come with an open mind & advocate for themselves

- Recognize they are in a college class & college policies apply

- GIVE IT THEIR ALL!

PARENT/GUARDIAN EXPECTATIONS

- Student must follow CCCS Pathway and exceptions cannot be made.

- Will provide encouragement and support of their student throughout the CCCS program.

- Will encourage their student to self-advocate.

- Will recognize that student is dually enrolled in high school and college, and all college policies apply, including access to academic records cannot be shared with parents through the college due to FERPA regulations.

APPLYING TO THE CCCS

ONLY 30 SEATS AVAILABLE!

Admission into CCCS is competitive and is **not** guaranteed.

The CCCS application consists of the following:

Section 1: Student Information and Parent Information
Section 2: Additional Education Information
Section 3: Student Questionnaire
*The online application DOES NOT save your work. Please complete your short answer responses on a Word document and COPY and PASTE into application. (max. 250 words)

1. What are your academic goals?
2. What are your career aspirations?
3. How will participating in the Cloud Computing & Computer Science Academy (CCCS) help you achieve your goals?
4. Is your academic record an accurate measure of your ability and potential? Please explain.
5. Who or what experience has had the greatest impact on your life? Why?
6. Please LIST any extracurricular activities that you are involved in. Include both school and community activities.
7. How did you find out about Cloud Computing & Computer Science Academy?
8. Have you participated in any computer science courses or programs in any of your previous schools or through any independent study or online certificate course? Please describe. If not, which computer science courses or programs interest you? Why?

Section 4: References: First and last name, as well as email of a: teacher, coach, mentor, advisor, supervisor, or community member

CONTACT INFORMATION

GLENDALE COMMUNITY COLLEGE

Student Outreach Services
(818) 240-1000
Ext. 4767
CCCS@glendale.edu

HASINA SADR
GHS COUNSELOR

Glendale High School
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Ext. 84116
HSadr@gusd.net

www. glendale.edu/cccs