

Name: _____

Emphasis: _____

SID: _____

Concentration: Computer Science

e+ Computer Science Concentration

The 15-credit hour Computer Science Concentration can make your engineering preparation attractive to employers looking for engineers with top-notch computer skills to support today's global economy. The discipline of computer science encompasses theory, experimentation and engineering design. As programming becomes more important in many technical disciplines, the C.S. concentration will further develop your creativity, precision and reasoning skills on your journey to become a well-rounded engineer.

Notes:

- The minimum grade requirement in all e+ concentration courses is a C.
- E+ students are guaranteed placement in each of these CS courses, but due to high course demand, your enrollment in some of these courses may be delayed by one semester. Due to these potential delays, it is thus advised that students begin working on the CS concentration in their sophomore year.
- Pursuit of a **Minor in Computer Science** aligns well with completion of the four e+ CS Concentration courses delineated above. The C.S. Minor requires completion of additional Computer Science electives, chosen from a wide array of courses available. See CS course and CS Minor details at: <https://www.colorado.edu/cs/current-students/undergraduate-students/minor/computer-science-minor-fall-2019>

Concentration Courses Completed

Course Title/Subject		Course Number	Grade	Term	Hours
Required Courses	Data Structures*	CSCI 2270			4
	Computer Systems	CSCI 2400			4
	Discrete Structures	CSCI 2824			3
Choose One	Algorithms	CSCI 3104			4
	Principles of Programming Languages	CSCI 3155			
	Operating Systems	CSCI 3753			

*If you intend to complete a C.S. Minor, this course must be completed prior to declaring your minor.