Computer Science (CSC)

Associate of Science

PIKES PEAK STATE COLLEGE

Is Computer Science Right For You?

Why a Computer Science Degree?

- Are you interested in working in one of the most innovative fields in society today?

- The current computer revolution permeates all aspects of society e.g. Social Networking, Medical Systems, Transportation, Entertainment, and Commerce – are you willing to study and work in one of the most critical fields of our time?

- An eventual bachelor's degree in Computer Science will prepare you for a broad range of jobs and career fields

Students should note that bachelor degrees are required for most professional positions in Computer Science.

Faculty Profile

Our Computer Science faculty have a wide range of professional experience, to include:

- Department of Defense Missile Defense/ Orbital Systems Programming
- Systems Analysis and Programming for Industry leaders such as IBM, the Veteran's Administration, TRW, and The United States Air Force Academy.
- Former military security forces
- Graphic System Expertise

PikesPeak.edu/CSC

Sign Up Today!

Future Career Prospects

The ultimate goal of a two-year Associate of Science (AS) degree is to prepare students for transfer to a four-year school to obtain a bachelor's degree.

While at Pikes Peak State College, the student will fulfill the requirements of the first two years of a bachelor's degree.

Students pursuing degrees at the bachelor's and graduate levels might specialize in any of the broad range of Computer Science subfields, such as:

- Cyber Security
- Computer Design
- Computer Programming
- Game Industry
- Data Science

Computer Science is a growing field - the Colorado Labor Market reports that **5 of Top 10 Colorado occupations are in computer-related fields**

Transfer Options

After earning your Associate of Science degree from Pikes Peak State College, you may complete your Bachelors in Computer Science by pursuing further studies at one of PPSC's transfer partners. PPSC's Computer Science degree is designed for transfer to UCCS.

An Associate of Science degree in CSC will transfer to any public college or university in Colorado.

Associate of Science (AS) - Computer Science

Semester 1 (Course & Credit Hours)	Semester 2 (Course & Credit Hours)
ENG 1021 English Composition I (3)	**ENG 1022** English Composition II (3)
MAT 2410 Calculus I (5)	**MAT 2420** Calculus II (5) **or** AS Approved Elective—See an advisor
CSC 1019 Intro to Programming (3)	**CSC 1060** Computer Science I (4) **or** AS Approved Elective—See an advisor
PHI 1013 Logic (3) **or** **GT Course** from AH3 or AH4	**Elective** - Social and Behavioral Sciences (3) - Choose GT Course from SS1, SS2, or SS3
	COM 1150 Public Speaking (3) **or** **COM 1250** Interpersonal Communication (3)
Total 14 Credit Hours	**Total 18 Credit Hours**

Semester 3 (Course & Credit Hours)	Semester 4 (Course & Credit Hours)
CSC 1061 Computer Science II (4) **or** AS Approved Elective - See an advisor	**CSC 2030** C Programming: Platform (3)
PHY 2111 Physics: Calculus-Based I with Lab (5) **or** **CHE 1111** General College Chemistry I with Lab (5) **or** **GT Course** from SC1 or SC2	**PHY 2112** Physics: Calculus-Based II with Lab (5) **or CHE 1112** General College Chemistry II with Lab **or** **GT Course** from SC1 or SC2
Elective - Arts and Humanities (3) - Choose GT Course from AH1 , AH2, AH3, or AH4	**Elective** - Arts and Humanities (3) - Choose GT Course from AH1 , AH2, AH3, or AH4
Elective - Social and Behavioral Sciences (3) - Choose GT Course from SS1, SS2, or SS3	**CSC 2025** Computer Architecture/ Assembly Language (4)
HIS 2000 History of Science & Technology (3) **or** Any GT Course from HI1	
Total 18 Credit Hours	**Total 15 Credit Hours**

Talk to a program advisor today:

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