

COMPUTER SCIENCE

Check the CS department website for the date and time of a reception for new and continuing Computer Science majors. Meet the faculty and discover more about the computer science program.

Interested in any of the following: Computer Programming, Java, C++, Software Engineering, Game Programming, Computer Engineering, or Web Programming?

- From the Cabrillo website (www.cabrillo.edu), select Academic/Careers, then Career Technical Education, and then select Computer Science for more information.
- CS 1 and CS 1L are college-level introductory courses providing a foundation for subsequent college-level coursework. We encourage all students to enroll in these courses.
- Cabrillo College is fully accredited. Certificates and degrees are available. Computer Science provides transfer options to UC and CSU.

CS 1 Introduction to Computers and Computer Technology

Surveys the fields of study within computer science and computer technology with a focus on computer literacy in the 21st Century. Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74428	W	02:10PM-05:15PM	3.00	R.Graziani	615
&	Arr.	Arr.		R.Graziani	OL

Section 74428 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 2 hr 5 min online lab per week. For details, see instructor's web page at go.cabrillo.edu/online.

Section	Days	Times	Units	Instructor	Room
74429	M	06:00PM-09:05PM	3.00	R.Norden	1301
&	Arr.	Arr.		R.Norden	OL

Section 74429 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 2 hr 5 min online lab per week. For details, see instructor's web page at go.cabrillo.edu/online.

CS 1L Technology Tools

Covers the fundamentals of college-level information literacy, computational logic, and computer proficiency. Recommended Preparation: CS 1 (may be taken concurrently); Eligibility for MATH 154.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74434	TTH	09:00AM-11:35AM	2.00	G.Brady	2502
&	Arr.	Arr.		G.Brady	OL

Meets 12 weeks, 2/21-3/29 and 4/17-5/24. Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 1 hr 30 min online lab per day. Students must also be enrolled in the Academy for College Excellence (ACE). For more information regarding the Academy for College Excellence, see Digital Management Career Preparation in the Schedule of Classes or call (831) 477-3340.

Section	Days	Times	Units	Instructor	Room
74437	TTH	10:00AM-12:05PM	2.00	S.Nerton	1302
&	Arr.	Arr.		S.Nerton	OL

Meets 8 weeks 2/7-3/29. Hybrid ONLINE course. Meets weekly at the scheduled times with an additional 4 hr 10 min online lab per week. For details, see instructor's web page at go.cabrillo.edu/online.

Section	Days	Times	Units	Instructor	Room
74435	MW	01:30PM-04:05PM	2.00	R.Norden	WatA330
&	Arr.	Arr.		R.Norden	OL

Meets 12 weeks, 2/22-3/28 and 4/16-5/23. Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 1 hr 30 min online lab per day. Students must also be enrolled in the Academy for College Excellence (ACE). For more information regarding the Academy for College Excellence, see Digital Management Career Preparation in the Schedule of Classes or call (831) 477-3340.

CS 11 Introduction to Programming Concepts and Methodology, C++

Presents an introduction to computer programming using the C++ programming language beginning with basic principles and progressing to object-oriented programs. Recommended Preparation: CS 1 and MATH 154.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74430	T	02:30PM-04:35PM	4.00	E.Parrish	1302
&	TH	02:30PM-04:20PM		E.Parrish	1302
&	Arr.	Arr.		E.Parrish	OL

Section 74430 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 4 hr 5 min online lab per week. For details, see instructor's web page at go.cabrillo.edu/online.

Section	Days	Times	Units	Instructor	Room
74431	W	06:00PM-10:05PM	4.00	E.Parrish	1302
&	Arr.	Arr.		E.Parrish	OL

Section 74431 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 4 hr 5 min online lab per week. For details, see instructor's web page at go.cabrillo.edu/online.

CS 12GP Introduction to Programming Using Games and Simulations

Presents an introduction to computer programming concepts and methodologies by developing games and simulations in the Java programming language. Prerequisites: MATH 154.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
75720	M	02:00PM-04:05PM	4.00	E.Parrish	1302
&	W	02:00PM-03:50PM		E.Parrish	1302
&	Arr.	Arr.		E.Parrish	OL

Section 75720 is a Hybrid ONLINE course. It meets weekly throughout the semester at the scheduled times with an additional 4 hr 5 min online lab per week. Students will be required to show that they meet the course prerequisites. For details, see instructor's web page at go.cabrillo.edu/online.

CS 12J Introduction to Programming Concepts and Methodology, Java

Presents an introduction to computer programming using the Java programming language beginning with basic principles and progressing to object-oriented programs and visual programming. Recommended Preparation: CS 1 and MATH 154.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74432	M	11:00AM-01:05PM	4.00	S.Nerton	1302
&	W	11:00AM-12:50PM		S.Nerton	1302
&	Arr.	Arr.		S.Nerton	OL

Section 74432 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 4 hr 5 min online lab per week. For details, see instructor's web page at go.cabrillo.edu/online.

Cabrillo College *Schedule of Classes* – Spring, 2012

CS 19 C++ Programming

Presents programming, documentation, and software design methodologies using C++. Prerequisite: MATH 4 or MATH 2 and MATH 3. Recommended Preparation: CS 11 or CS 12J or equivalent skills. Previous programming experience strongly recommended.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74433	TTH	12:40PM-02:00PM	4.00	S.Hodges	1301
&	Arr.	Arr.		S.Hodges	OL

Section 74433 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 5 hr 10 min online lab per week. Students will be required to show that they meet the course prerequisites. For details, see instructor's web page at go.cabrillo.edu/online.

CS 20J Java Programming

Presents programming, documentation, and software-design methodologies using Java. Prerequisite: MATH 4 or MATH 2 and MATH 3. Recommended Preparation: CS 11 or CS 12J or equivalent skills.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74438	T	06:00PM-09:05PM	4.00	S.Hodges	1301
&	Arr.	Arr.		S.Hodges	OL

Section 74438 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 5 hr 10 min online lab per week.

Students will be required to show that they meet the course prerequisites. For details, see instructor's web page at go.cabrillo.edu/online.

CS 21 Introduction to Data Structures and Algorithms

Provides an introduction to data structures, algorithms, and software engineering techniques using the C++ or Java language. Prerequisites: CS 19 or CS 20J or equivalent skills; MATH 5A.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
74439	W	06:00PM-09:05PM	4.00	S.Hodges	711
&	Arr.	Arr.		S.Hodges	OL

Section 74439 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 5 hr 10 min online lab per week.

Students will be required to show that they meet the course prerequisites. For details, see instructor's web page at go.cabrillo.edu/online.

CS 23 Discrete Mathematics

Presents discrete mathematical systems including methods of proof that shape the foundations of computer science. Offered spring only even years. Prerequisite: MATH 5A or equivalent skills. Recommended Preparation: CS 19 or CS 20J or equivalent skills.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
75620	TTH	03:30PM-04:50PM	4.00	S.Nerton	825
&	Arr.	Arr.		S.Nerton	OL

Section 75620 is a Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 3 hr 5 min online lab per week. Students will be required to show that they meet the course prerequisites. For details, see instructor's web page at go.cabrillo.edu/online.