

COMPUTER SCIENCE

Check the Computer Science website for the date, time, and location of our Program Information Evening scheduled each semester for students and potential students.

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

- Go to <http://www.cabrillo.edu/programs> and 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.
- Check the CIS, DM, and ETECH schedule listings for additional computer-related courses. Check CABT for keyboarding and computer applications courses.

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
65360 &	W Arr.	02:10PM-05:15PM Arr.	3.00	R.Graziani B.Durland	612 1400

+ 2 hr 5 min open lab per week.

65361 &	M Arr.	06:00PM-09:05PM Arr.	3.00	R.Norden B.Durland	1301 1400
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+ 2 hr 5 min open lab per week.

CS 1L Lab: Introduction to Computers and Computer Technology

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
65366 &	T Arr.	09:00AM-12:25PM Arr.	2.00	G.Brady G.Brady	1302 OL

Meets 13 weeks 2/9-3/16 and 4/6-5/18. Holiday 3/30. Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 1 hr 25 min online lab per day. Students must also be enrolled in Digital Bridge Academy. For more information regarding the Digital Bridge Academy, see Digital Management Career Preparation in the *Schedule of Classes* or call (831) 477-3340.

65367 &	TH Arr.	09:00AM-12:25PM Arr.	2.00	R.Norden R.Norden	1302 OL
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Meets 13 weeks 2/25-4/8 and 4/22-6/3. Holiday 4/1. Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 1 hr 25 min online lab per day. Students must also be enrolled in Digital Bridge Academy. For more information regarding the Digital Bridge Academy, see Digital Management Career Preparation in the *Schedule of Classes* or call (831) 477-3340.

65368 &	F Arr.	09:00AM-11:25AM Arr.	2.00	R.Norden R.Norden	Wat4580 Wat4530 OL
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Meets 13 weeks 2/26-4/9 and 4/23-6/4. Holiday 4/2. Hybrid ONLINE course. Meets weekly throughout the semester at the scheduled times with an additional 1 hr 25 min online lab per day. Students must also be enrolled in Digital Bridge Academy. For more information regarding the Digital Bridge Academy, see Digital Management Career Preparation in the *Schedule of Classes* or call (831) 477-5164.

65370 &	M Arr.	01:00PM-03:05PM Arr.	2.00	S.Nerton S.Nerton	1302 OL
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Section 65370 is a Hybrid ONLINE course. It 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 www.cabrillo.edu/services/disted/ "Distance Courses."

65369 &	T Arr.	01:00PM-03:05PM Arr.	2.00	S.Nerton S.Nerton	1302 OL
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Section 65369 is a Hybrid ONLINE course. It 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 www.cabrillo.edu/services/disted/ "Distance Courses."

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
65362 &	T TH Arr.	10:20AM-12:25PM 10:20AM-12:10PM Arr.	4.00	E.Parrish E.Parrish E.Parrish	516 516 OL

Section 65362 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. For details see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses."

65363 &	W Arr.	06:00PM-10:05PM Arr.	4.00	E.Parrish E.Parrish	516 OL
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Section 65363 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. For details see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses."

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
65364 &	M W Arr.	10:00AM-12:05PM 10:00AM-11:50AM Arr.	4.00	S.Nerton S.Nerton S.Nerton	1302 1302 OL

Section 65364 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. For details, see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses." Students will be required to show that they meet the course prerequisites.

CS 19 C++ Programming

Presents programming, documentation, and software design methodologies using C++. Prerequisite: MATH 2 and MATH 3, or MATH 4 or equivalent skills. 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
65365 &	TTH Arr.	12:40PM-02:00PM Arr.	4.00	S.Hodges S.Hodges	1301 OL

Section 65365 is a Hybrid ONLINE course. It meets weekly throughout the semester at the scheduled times with an additional 5 hr 10 min online lab per week. For details see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses." Students will be required to show that they meet the course prerequisites.

Ⓞ/Ⓟ indicate open entry classes—open through the 12th week of instruction ◀ indicate writing factor classes; Ⓡ Honors classes;

Ⓜ indicate multicultural classes; ⚙ indicate health and wellness classes ☼ some sections of this course are taught in a distance education format.

Cabrillo College *Schedule of Classes* – Spring 2010

CS 20J Java Programming

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

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65371	MW	12:40PM-02:00PM	4.00	E.Parrish	1301
&	Arr.	Arr.		E.Parrish	OL

Section 65371 is a Hybrid ONLINE course. It meets weekly throughout the semester at the scheduled times with an additional 5 hr 10 min online lab per week. For details see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses." Students will be required to show that they meet the course prerequisites.

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
65372	T	06:00PM-09:05PM	4.00	S.Hodges	1301
&	Arr.	Arr.		S.Hodges	OL

Section 65372 is a Hybrid ONLINE course. It meets weekly throughout the semester at the scheduled times with an additional 5 hr 10 min online lab per week. For details see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses." Students will be required to show that they meet the course prerequisites.

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
66525	TTH	03:30PM-04:50PM	4.00	S.Nerton	2501
&	Arr.	Arr.		S.Nerton	OL

Section 66525 is a Hybrid ONLINE course. It meets weekly throughout the semester at the scheduled times with an additional 3 hr 5 min online lab per week. For details see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses." Students will be required to show that they meet the course prerequisites.