COMPUTER SCIENCE

Interested in any of the following: Computer Programming, Java, C++,
Software Engineering, Game Programming, Mobile Device Programming,
Computer Engineering, or Web Programming?
Browse to go.cabrillo.edu/cs 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.

All Hybrid CS sections meet online AND in-person every week.

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: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
98250	W	2:10PM-5:15PM	3.00	R.Graziani	608
&	Arr.	Arr.		R.Graziani	OL

Section 98250 is a Hybrid ONLINE course. Meets weekly throughout the
semester at the scheduled times with an additional 50 min online lab per
week. For details, see instructor's web page at go.cabrillo.edu/online.

Section	Days	Times	Units	Instructor	Room
98251	M	6:00PM-9:05PM	3.00	R.Norden	825
&	Arr.	Arr.		R.Norden	OL

Section 98251 is a Hybrid ONLINE course. Meets weekly throughout the
semester at the scheduled times with an additional 50 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: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
98259	TTH	9:30AM-11:35AM	2.00	J.Bergamini	828
&	Arr.	Arr.		J.Bergamini	OL

Meets 8 weeks 8/29-10/19. Section 98259 is a Hybrid ONLINE course. Meets
weekly at the scheduled times with an additional 1 hr online lab per day. For
details, see instructor's web page at go.cabrillo.edu/online.

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. Prerequisite: MATH 152. Recommended Preparation: CS 1.
Transfer Credit: Transfers to CSU;UC   C-ID COMP 112

Section	Days	Times	Units	Instructor	Room
98252	T	2:30PM-4:35PM	4.00	E.Parrish	829
&	TH	2:30PM-3:20PM		E.Parrish	829
&	TH	3:30PM-4:20PM		E.Parrish	829
&	Arr.	Arr.		E.Parrish	OL

Section 98252 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. For details, see instructor's web page at go.cabrillo.edu/online.

Section	Days	Times	Units	Instructor	Room
98253	W	6:00PM-9:05PM	4.00	S.Strelitz	829
&	W	9:15PM-10:05PM		S.Strelitz	829
&	Arr.	Arr.		S.Strelitz	OL

Section 98253 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. For details, see instructor's web page at go.cabrillo.edu/online.

CS 11M — Introduction to C/C++ Programming Using Microcontrollers

Presents an introduction to computer programming concepts and methodologies in
C/C++ using microcontrollers to program computer circuits and hardware.
Prerequisite: MATH 152. Recommended Preparation: CS 1.
Transfer Credit: Transfers to CSU;UC CS 11M + CS 19 = C-ID ENGR 120

Section	Days	Times	Units	Instructor	Room
98254	M	2:00PM-4:05PM	4.00	.Staff	829
&	W	2:00PM-2:50PM		.Staff	829
&	W	3:00PM-3:50PM		.Staff	829
&	Arr.	Arr.		.Staff	OL

Section 98254 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. 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. Prerequisite:
MATH 154.
Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
98255	T	11:10AM-1:15PM	4.00	E.Parrish	829
&	TH	11:10AM-12:00PM		E.Parrish	829
&	TH	12:10PM-1:00PM		E.Parrish	829
&	Arr.	Arr.		E.Parrish	OL

Section 98255 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. For details, see instructor's web page at go.cabrillo.edu/online.

Cabrillo College
Breakthroughs happen here.™

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. Prerequisite: MATH 152. Recommended Preparation: CS 1.

Transfer Credit: Transfers to CSU;UC   C-ID COMP 112

Section	Days	Times	Units	Instructor	Room
98256	M	11:10AM-1:15PM	4.00	J.Bergamini	829
&	W	11:10AM-12:00PM		J.Bergamini	829
&	W	12:10PM-1:00PM		J.Bergamini	829
&	Arr.	Arr.		J.Bergamini	OL

Section 98256 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. For details, see instructor's web page at go.cabrillo.edu/online.

Section	Days	Times	Units	Instructor	Room
98257	TH	6:00PM-7:50PM	4.00	J.Bergamini	828
&	Arr.	Arr.		J.Bergamini	OL

Section 98257 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. For details, see instructor's web page at go.cabrillo.edu/online.

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 11M or CS 12J or equivalent skills; Previous programming experience strongly recommended.

Transfer Credit: Transfers to CSU;UC CS 19 + CS 20J = C-ID COMP 122; CS 11M + CS 19 = C-ID ENGR 120

Section	Days	Times	Units	Instructor	Room
98258	W	6:00PM-9:05PM	4.00	S.Hodges	825
&	Arr.	Arr.		S.Hodges	OL

Section 98258 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 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 11M or CS 12J or CS 12GP or equivalent skills.

Transfer Credit: Transfers to CSU;UC CS 19 + CS 20J = C-ID COMP 122

Section	Days	Times	Units	Instructor	Room
98260	MW	3:00PM-4:20PM	4.00	S.Hodges	825
&	Arr.	Arr.		S.Hodges	OL

Section 98260 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 24   Elementary Computer Organization

Introduces organization of computer systems, machine level programming, and systems software. Prerequisites: CS 19 or CS 20J; MATH 5A.

Transfer Credit: Transfers to CSU;UC   C-ID COMP 142

Section	Days	Times	Units	Instructor	Room
98261	T	6:00PM-9:05PM	4.00	S.Hodges	825
&	Arr.	Arr.		S.Hodges	OL

Section 98261 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.