

**PHYSICS**

Computerized prerequisite verification is required to enroll in Physics.

**PHYS 2B General Physics II**

Covers electromagnetism, optics, relativity, and the atom primarily for life science students. Spring semester only. Prerequisite: PHYS 2A.  
Transfer Credit: CSU; UC, WITH LIMITS: PHYS 2A, 2B, and 4A, 4B, 4C combined: maximum credit- one series. Deduct credit for duplication of topics. PHYS 2A + PHYS 2B = C-ID PHYS 100S C-ID PHYS 110

Section	Days	Times	Units	Instructor	Room
1	TTH	8:00AM-9:20AM	4.00	J.McCullough	804
&	TTH	9:30AM-10:50AM		J.McCullough	802
&	Arr.	Arr.		J.McCullough	834

+ 50 min arranged per week in the STEM Center.

**PHYS 4A Physics for Scientists and Engineers I**

Covers classical mechanics, fluids, and waves for scientists and engineers. Prerequisite: PHYS 11 or a "B" or better in high school physics and MATH 5A. Recommended Preparation: Completion of or concurrent enrollment in MATH 5B.  
Transfer Credit: CSU; UC, WITH LIMITS: PHYS 2A, 2B, and 4A, 4B, 4C combined: maximum credit- one series. Deduct credit for duplication of topics. PHYS 4A + PHYS 4B + PHYS 4C = C-ID PHYS 200S; C-ID PHYS 205

Section	Days	Times	Units	Instructor	Room
1	MTTH	11:10AM-12:25PM	5.00	C.Figueroa	806
&	W	11:10AM-2:15PM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834

+ 50 min arranged per week in STEM Center.

2	MTTH	11:10AM-12:25PM	5.00	C.Figueroa	806
&	W	2:30PM-5:35PM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834

+ 50 min arranged per week in STEM Center.

3	MTTH	11:10AM-12:25PM	5.00	C.Figueroa	806
&	F	8:00AM-11:05AM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834

+ 50 min arranged per week in STEM Center.

**PHYS 4C Physics for Scientists and Engineers III**

Covers thermodynamics, optics, and introduction to modern physics for scientists and engineers. Students enrolled in the Honors Transfer Program may count this course towards the "Honors Scholar" designation with an Honors Contract. Spring semester only. Prerequisite: PHYS 4A and MATH 5B. Recommended Preparation: Completion of or concurrent enrollment in MATH 5C.  
Transfer Credit: CSU; UC, WITH LIMITS: PHYS 2A, 2B, and 4A, 4B, 4C combined: maximum credit- one series. Deduct credit for duplication of topics. PHYS 4A + PHYS 4B + PHYS 4C = C-ID PHYS 200S; C-ID PHYS 215

Section	Days	Times	Units	Instructor	Room
1	TWTH	11:10AM-12:25PM	5.00	M.Watson	804
&	M	11:10AM-2:15PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834

+ 50 min arranged per week in STEM Center

4	TWTH	11:10AM-12:25PM	5.00	M.Watson	804
&	M	11:10AM-2:15PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834

+ 50 min arranged per week in STEM Center. This section is for students in the STEM-T learning community. In order to register for this section, please complete the form at <http://go.cabrillo.edu/STEM-T>.

3	TWTH	11:10AM-12:25PM	5.00	M.Watson	804
&	F	12:00PM-3:05PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834

+ 50 min arranged per week in the STEM Center

5	TWTH	11:10AM-12:25PM	5.00	M.Watson	804
&	M	2:30PM-5:35PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834

+ 50 min arranged per week in STEM Center. This section is for students in the STEM-T learning community. In order to register for this section, please complete the form at <http://go.cabrillo.edu/STEM-T>.

2	TWTH	11:10AM-12:25PM	5.00	M.Watson	804
&	M	2:30PM-5:35PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834

+ 50 min arranged per week in STEM Center

**PHYS 10 Introduction to Physics**

Covers conceptual topics in physics for the non-science major (PHYS 10L lab optional). Prerequisite: MATH 154.  
Transfer Credit: CSU; UC, WITH LIMITS: PHYS 10,10L, 11 & 12 combined: maximum credit- 4 units. No credit for PHYS 10/10L, 11 or 12 if taken after 2A or 4A.

Section	Days	Times	Units	Instructor	Room
1	TTH	8:00AM-9:20AM	3.00	C.Figueroa	WatA320
2	MW	9:30AM-10:50AM	3.00	J.McCullough	804
3	TTH	9:30AM-10:50AM	3.00	M.Watson	804
4	T	6:00PM-9:05PM	3.00	P.Graham	804

**PHYS 10L Introduction to Physics Lab**

Presents a hands-on exploration of topics in physics for the non-science major.

Prerequisite: PHYS 10 or concurrent enrollment.

Transfer Credit: CSU; UC, WITH LIMITS: PHYS 10,10L, 11 & 12 combined: maximum credit- 4 units. No credit for PHYS 10/10L, 11 or 12 if taken after 2A or 4A.

Section	Days	Times	Units	Instructor	Room
1	TH	2:45PM-5:50PM	1.00	S.Broadston	802

**PHYS 11 Elementary Physics**

Prepares students for the PHYS 4 sequence by introducing classical mechanics, thermodynamics, electromagnetism, atoms and nuclei. Prerequisite: MATH 4 or MATH 2 and MATH 3 or equivalent knowledge.

Transfer Credit: CSU; UC, WITH LIMITS: PHYS 10,10L, 11 & 12 combined: maximum credit- 4 units. No credit for PHYS 10/10L, 11 or 12 if taken after 2A or 4A.

Section	Days	Times	Units	Instructor	Room
1	MW	12:40PM-2:00PM	4.00	J.McCullough	804
&	TTH	12:40PM-2:00PM		J.McCullough	802
&	Arr.	Arr.		J.McCullough	834
+ 50 min arranged per week in the STEM Center.					
2	MW	12:40PM-2:00PM	4.00	J.McCullough	804
&	TTH	11:10AM-12:30PM		J.McCullough	802
&	Arr.	Arr.		J.McCullough	834
+ 50 min arranged per week in the STEM Center.					