

PHYSICS

Computerized prerequisite verification is required to enroll in Physics.

PHYS 2A General Physics I

Covers mechanics, heat and waves primarily for life science students. Fall semester only. Prerequisite: MATH 4 or MATH 2 and MATH 3 or equivalent knowledge. Transfer Credit: CSU; UC, WITH LIMITS: PHYS 2A, 2B, and 4A, 4B, 4C combined: maximum credit- one series. Deduct credit for duplication of topics. C-ID PHYS 105; PHYS 2A + PHYS 2B = C-ID PHYS 100S.

Section	Days	Times	Units	Instructor	Room
99135	TTH	8:00AM-9:20AM	4.00	C.Figueroa	804
&	TTH	9:30AM-10:50AM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834
+ 50 min arranged per week in the STEM Center, Room 834.					
99136	TTH	8:00AM-9:20AM	4.00	C.Figueroa	804
&	TTH	11:10AM-12:30PM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834
+ 50 min arranged per week in the STEM Center, Room 834.					

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. C-ID PHYS 205; PHYS 4A + PHYS 4B + PHYS 4C = C-ID PHYS 200S

Section	Days	Times	Units	Instructor	Room
99137	MTTH	11:10AM-12:25PM	5.00	M.Watson	806
&	W	11:10AM-2:15PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834
+ 50 min arranged per week in the STEM Center, Room 834.					
99138	MTTH	11:10AM-12:25PM	5.00	M.Watson	806
&	W	2:30PM-5:35PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834
+ 50 min arranged per week in the STEM Center, Room 834.					
99139	MTTH	11:10AM-12:25PM	5.00	M.Watson	806
&	F	9:00AM-12:05PM		M.Watson	802
&	Arr.	Arr.		M.Watson	834
+ 50 min arranged per week in the STEM Center, Room 834.					

PHYS 4B Physics for Scientists and Engineers II

Covers electricity and magnetism for scientists and engineers. Students enrolled in the Honors Transfer Program may count this course towards the "Honors Scholar" designation with an Honors Contract. 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. C-ID PHYS 210; PHYS 4A + PHYS 4B + PHYS 4C = C-ID PHYS 200S

Section	Days	Times	Units	Instructor	Room
99140	TWTH	11:10AM-12:25PM	5.00	J.McCullough	804
&	M	8:00AM-11:05AM		J.McCullough	802
&	Arr.	Arr.		J.McCullough	834
+ 50 min arranged per week in the STEM Center, Room 834.					
99141	TWTH	11:10AM-12:25PM	5.00	J.McCullough	804
&	M	11:15AM-2:20PM		J.McCullough	802
&	Arr.	Arr.		J.McCullough	834
+ 50 min arranged per week in the STEM Center, Room 834.					
99142	TWTH	11:10AM-12:25PM	5.00	J.McCullough	804
&	M	2:45PM-5:50PM		J.McCullough	802
&	Arr.	Arr.		J.McCullough	834
+ 50 min arranged per week in the STEM Center, Room 834.					

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
99126	TTH	8:00AM-9:20AM	3.00	P.Graham	WatA320
99127	MW	9:30AM-10:50AM	3.00	M.Watson	804
99128	TTH	9:30AM-10:50AM	3.00	J.McCullough	804
99129	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
99131	F	8:00AM-11:05AM	1.00	C.Figueroa	WatA320
99130	TH	3:00PM-6:05PM	1.00	S.Broadston	802
99132	TH	6:15PM-9:20PM	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
99133	MW	12:40PM-2:00PM	4.00	C.Figueroa	804
&	TTH	12:40PM-2:00PM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834
+ 50 min arranged per week in the STEM Center, Room 834.					
99134	MW	12:40PM-2:00PM	4.00	C.Figueroa	804
&	T	2:10PM-5:15PM		C.Figueroa	802
&	Arr.	Arr.		C.Figueroa	834
+ 50 min arranged per week in the STEM Center, Room 834.					