CalPoly-Department of Physics: COURSE OFFERINGS 2010-11**

ASTR-Astronomy		
Course#	**Course Title**	**Qtr(s) Offered***
ASTR 101	Introduction to the Solar System	F, W, SP
ASTR 102	Introduction to the Stars and Galaxies	F, W, SP
ASTR 112	Introduction to the Stars and Galaxies (w/lab)	Not Offered
ASTR 200	Special Problems for Advanced Undergraduates	As needed
ASTR 301	The Solar System	F
ASTR 302	Stars and Galaxies	SP
ASTR 324	Time, Longitude and Navigation	W
ASTR 326	Relativity and Cosmology	W
ASTR 400	Special Problems for Advanced Undergraduates	As needed
ASTR 444	Observational Astronomy	Not offered
GEOL-Geology		
Course#	**Course Title**	**Qtr(s) Offered***
GEOL 102	Physical Geology	F, W, SP
GEOL 200	Special Problems for Advanced Undergraduates	As needed
GEOL 201	Physical Geology	F, W, SP
GEOL 203	Fossils and the History of Life	SP
GEOL 204	Geologic History of California	Not offered
GEOL 205	Earthquakes	F, W, SP
GEOL 206	Geologic Excursions	W
GEOL 241	Physical Geology Laboratory	F, W
GEOL 305	Fundamentals of Seismology	Not offered
GEOL 400	Special Problems for Advanced Undergraduates	As needed
GEOL 401	Field-Geology Methods	W
GEOL 402	Geologic Mapping	SP
GEOL 415	Structural Geology	F
PHYS-Physics (100-200 Level)		
Course#	**Course Title**	**Qtr(s) Offered***
PHYS 104	Introductory Physics	F
PHYS 107	Introduction to Meteorology	W
PHYS 111	Contemporary Physics for Non-Scientists	Not offered
PHYS 121	College Physics I	SU, F, W, SP
PHYS 122	College Physics II	SU, F, W, SP
PHYS 123	College Physics III	F, W, SP
PHYS 131	General Physics/Calculus Based (ME/AERO only)	F, W, SP
PHYS 132	**General Physics II /Calculus Based**	**SU, F, W, SP**
PHYS 133	**General Physics III /Calculus Based**	**SU, F, W, SP**
PHYS 141	**General Physics/Calculus Based**	**SU, F, W, SP**
PHYS 200	Special Problems for Undergraduates	As needed
PHYS 201	Learning Center Tutors	F, W, SP
PHYS 202	**Physics on the Computer**	**SP**
PHYS 206	**Instrumentation in Experimental Physics (w/ 256)**	**W**
PHYS 211	**Modern Physics I**	**F, W, SP**
PHYS 212	**Modern Physics II**	**SP**
PHYS 256	**Electrical Measurements Laboratory (w/ 206)**	**W**

CalPoly-Department of Physics: COURSE OFFERINGS 2010-11**

PHYS-Physics (300-400 Level)		
Course#	**Course Title**	**Qtr(s) Offered***
PHYS 301	**Thermal Physics I**	**W**
PHYS 302	**Analytical Mechanics**	**F**
PHYS 303	*Analytical Mechanics II*	*Not offered*
PHYS 310	*Physics of Energy*	*SP*
PHYS 313	*Introduction to Atmospheric Physics*	*SP*
PHYS 315	*Introduction to Lasers and Laser Applications*	*Not offered*
PHYS 317	*Special Theory of Relativity*	*Not offered*
PHYS 322	**Vibrations/Waves**	**F**
PHYS 323	*Optics*	*W*
PHYS 340	**Quantum Physics Lab I**	**F**
PHYS 341	**Quantum Physics Lab II**	**W**
PHYS 342	*Quantum Physics Lab III*	*SP*
PHYS 357	*Advanced Instrumentation in Experimental Physics*	*SP*
PHYS 400	Special Problems for Advanced Undergraduates	As needed
PHYS 401	*Thermal Physics II*	*Not offered*
PHYS 403	*Nuclear and Particle Physics*	*W*
PHYS 405	**Quantum Mechanics I**	**SP**
PHYS 406	*Quantum Mechanics II*	*F*
PHYS 408	**Electromagnetic Fields and Waves I**	**F**
PHYS 409	*Electromagnetic Fields and Waves II*	*W*
PHYS 410	*Physics of the Solid Earth*	*W*
PHYS 412	*Solid State Physics*	*F*
PHYS 413	*Advanced Topics in Solid State Physics*	*SP*
PHYS 417	*Nonlinear Dynamical Systems*	*Not offered*
PHYS 423	*Advanced Optics*	*SP*
PHYS 424	*Theoretical Physics*	*Not offered*
PHYS 452	*Solid State Physics Laboratory*	*W*
PHYS 461/462	**Senior Project**	**SU, F, W, SP**
PHYS 463/464	**Senior Project-Laboratory Research**	**SU, F, W, SP**
PHYS 470	*Selected Advanced Topics*	*Not Offered*
PHYS 471	*Selected Advanced Laboratory*	*Not Offered*
PHYS 485	Cooperative Education - Part-time	SU, F, W, SP
PHYS 495	Cooperative Education - Full-time	SU, F, W, SP
PSC-Physical Science		
Course#	**Course Title**	**Qtr(s) Offered***
PSC 101	The Physical Environment: Matter and Energy	F, W, SP
PSC 102	The Physical Environment: Atoms and Molecules	W
PSC 103	The Physical Environment: Earth and the Universe	SP
PSC 200	Special Problems for Advanced Undergraduates	As needed
PSC 304	Applications of Physical Science	Not offered
PSC 305	Patterns of Change	Not offered
PSC 307	Nuclear Weapons in the Post-Soviet World	F
PSC 320	Energy and the Environment for the New Millennium	W
PSC 400	Special Problems for Advanced Undergraduates	As needed
PSC 424	Organizing / Teaching PSC	F
PSC 461	Senior Project	SU, F, W, SP

*Note: SU=Summer, F=Fall, W=Winter, SP=Spring

BOLD COURSES required for Physics BS

Italic courses are source of Adv. Physics Electives

** OFFERINGS ARE SUBJECT TO CHANGE.
Courses with low enrollment may be cancelled.