

PHYSICAL SCIENCES & ENGINEERING (PSE)

PSE 20 • INTRODUCTION TO PHYSICAL SCIENCE

Units:	5
Hours:	4 lecture, 3 laboratory per week (84 total per quarter)
Advisory:	MATH 105 or equivalent.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Area III: Natural Sciences
Transferable:	CSU/UC
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

This activity-based course provides an introduction to the basic concepts of physical science with emphasis on their practical importance and application in the real world. This course is intended for students who want to become primary school teachers.

PSE 61A • TUTOR TRAINING I

Units:	1
Hours:	1 lecture per week (12 total per quarter)
Advisory:	An earned A or B+ grade with instructor recommendation in one of the following: MATH 1A, 1AH, 1B, 1BH, 1C, 1D, 2A, 2B, 10, 48A, 48B, 48C, 105; not open to students with credit in PSE 111A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Training in team leading skills necessary for tutoring, including study skills, college policies, professionalism, ethics and role modeling of successful student behavior. Techniques of subject specific tutoring skills. Practice of these skills through sample student work and instructor assignments and, when applicable, content-specific suggestions from the tutee's instructor. Ideal for students intending to tutor math for the first time.

PSE 61B • TUTOR TRAINING II

Units:	1
Hours:	1 lecture per week (12 total per quarter)
Prerequisite:	PSE 61A.
Advisory:	An earned A or B+ grade with instructor recommendation in one of the following: MATH 1A, 1AH, 1B, 1BH, 1C, 1D, 2A, 2B, 10, 48A, 48B, 48C, 105; not open to students with credit in PSE 111B.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Advanced training in team leading skills necessary for tutoring. Students will be asked to engage in advanced reflections on tutoring and advanced level critique of one's own and other tutoring processes. Techniques of subject specific tutoring skills with attention given to diverse learning styles. Practice of these skills through sample student work and instructor assignments and, when applicable, content-specific suggestions from the tutee's instructor. Ideal for students intending to tutor math for the second time.