

# PHYSICAL SCIENCES & ENGINEERING (PSE)

## PSE 20 • INTRODUCTION TO PHYSICAL SCIENCE

<b>Units:</b>	5
<b>Hours:</b>	4 lecture, 3 laboratory per week (84 total per quarter)
<b>Advisory:</b>	Intermediate Algebra or equivalent.
<b>Degree and Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Area III: Natural Sciences
<b>Transferable:</b>	CSU/UC
<b>Grade Type:</b>	Letter Grade (Request for Pass/No Pass)
<b>Repeatability:</b>	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

<b>Units:</b>	1
<b>Hours:</b>	1 lecture per week (12 total per quarter)
<b>Advisory:</b>	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; not open to students with credit in PSE 111A.
<b>Degree and Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	CSU
<b>Grade Type:</b>	Letter Grade (Request for Pass/No Pass)
<b>Repeatability:</b>	Not Repeatable

This course is intended for students who are first-time tutors in any of the peer/student tutoring programs offered at Foothill College. Training in tutoring and communication skills, including study skills, learning skills, college policies, professionalism, ethics, and role modeling of successful student behavior, in order to guide the students they tutor to become critical thinkers and independent learners. Theory and techniques of subject specific tutoring skills. Practice of these skills through sample student work, course assignments, and reflection on current tutoring experiences.

## PSE 61B • TUTOR TRAINING II

<b>Units:</b>	1
<b>Hours:</b>	1 lecture per week (12 total per quarter)
<b>Prerequisite:</b>	PSE 61A.
<b>Advisory:</b>	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; not open to students with credit in PSE 111B.
<b>Degree and Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	CSU
<b>Grade Type:</b>	Letter Grade (Request for Pass/No Pass)
<b>Repeatability:</b>	Not Repeatable

This course is intended for students who have completed PSE 61A and intend to continue tutoring in any of the peer/student tutoring programs offered at Foothill College. Advanced training in tutoring and communication skills necessary for tutoring. Students will be asked to engage in advanced reflections on tutoring and advanced level critique of one's own and others' tutoring processes. Techniques of subject specific tutoring skills with attention given to diverse learning styles. Practice of these skills through sample student work, course assignments, and written reflections based on current tutoring experiences.