

Course Descriptions

Mission to Planet Earth: College Prep

This exciting and challenging course will start you on your way to success in high school, college, and careers in high technology. The course surveys a variety of earth science, math, and engineering topics with Earth Science applications. Practical computer and electronics lab work leads to more advanced design projects.

Mechatronics: Honors

For students who have successfully completed Geometry.

The excitement and challenge continue as this course covers the physics topics of mechanics, electricity and magnetism, and their engineering applications. Hands-on physics, electronics, and computer lab projects build necessary college and technical career skills.

Engineering Design:

For students who have successfully completed Alg 2

This is the capstone course for the Endeavour Academy. Students learn advanced physics, math, and engineering skills while designing and building high-tech products or services. These real-life projects provide invaluable experience in grant writing, and project management as well as providing direct support for the advanced student's success in demanding college majors.

Endeavour courses qualify for HS graduation, UC entrance, and are highly respected at universities such as CalPoly.

Students who complete two or more semesters of the Endeavour Academy receive Special Consideration for admission at CalPoly.

Endeavour Academy

Mr. Steve Kliewer

Paso Robles High School

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Paso Robles, CA 93447

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Go High Tech!

Endeavour Academy

Design and Build
Exciting Projects



Apply today!

Start high school with your sights set on college and exciting career fields.

The **Endeavour Academy** is a graduated sequence of courses that are designed to prepare students for college and top jobs in challenging technical career fields. These courses are approved by the University of California (and others) to meet their lab science entrance requirement. They represent a progressive paradigm-shift toward integrating hands-on applied science, engineering and math topics.

Come see our technology lab. Computers, Software, PowerPoint Presentations, Robotics, & Modeling Tools.

Website: www.pasoschools.org/endeavour

Student Application

Student's Name: _____

Parent / Guardian Name: _____

Address: _____

Phone #: _____

School currently attending: _____

1. Which Endeavour Academy course do you plan to start with

1. Indicate three reasons why you think you qualify for this program.
- _____
- _____
- _____

2. Math: What class are you currently enrolled in, who is your teacher, and what was your last semester grade?

3. Science: What class are you currently enrolled in, who is your teacher, and what was your last semester grade?

4. What do you think is your strongest academic area?

5. Do you plan to go to college and if so, what field of study are you currently thinking about?

Student Signature

Parent Signature

Teacher or Counselor Recommendation

Teachers are the best judges of student potential. If you endorse and encourage _____ to participate in the Endeavour Academy at Paso Robles High School, please complete the following questions.

Does this student:

1. Have a sincere interest in science, engineering, or technology
2. Display good classroom work habits?
3. Have an acceptable attendance record?
4. Practice good citizenship?
5. Have the motivation and desire to prepare for 4-year college or university study.

Never	Some-times	Always

Other Comments:

Teacher or Counselor signature and position

Please return this completed application to your counselor or Mr. Kliewer. If you have any questions please contact Mr. Steve Kliewer (see last page).