SEQUENCE OF COURSES

Students are together in a small cohort throughout the school day and from year-to-year as they explore the possibilities available to them.

10th
- EPI English 2
- EPI Algebra 2 or Geometry
- EPI World History
- Engineering Tech 1 or Radio/TV

11th
- EPI English 3
- EPI US History
- Engineering Tech 2 or Radio/TV

12th
- EPI English 4
- EPI Physics
- CAPSTONE TECH COURSE:
  - Engineering Tech 3 or Advanced Radio/TV

➢ Note: EPI students may enroll in Honors/AP level courses

Field Trips and Experiential Learning

EPI Students participate in real-world experiences through field trips, job shadows, community service, and experiential learning.

These experiences include trips to the Aeronautical Museum, Construction and Engineering sites, Historical Creations, Building challenges (Tech Night, ARC Solar Car Races), and many more.

EPI students visit local colleges and hear from guest speakers to help them gain a better understanding of their potential futures.

The Eagle Polytechnic Institute at El Camino Fundamental High School is a California Partnership Academy. Students choose one of three career pathways (pre-engineering/metals technology, radio/television, or architecture/CAD) to supplement their high school experience. Students engage in cross-curricular projects, go on college visits and field trips, and develop lifelong relationships. EPI has been EPIC since 1993.

We are EPI!
Skills and concepts introduced and practiced through projects:

- Engineering Design Process and Careers
- Welding: SMAW, GMAW, GTAW, OAW
- Plasma Cutting (PAC)
- Brazing and Soldering
- Construction/Framing
- Fabrication: CNC Machining, Sheet metal, iron work and forging
- Electrical Circuitry
- Renewable Energy
- Concrete

All courses have one or more of the following:
- A- G approved
- CSUS units through their ACE program
- ROP Certificates of skill mastery
- Articulation (transferrable units) with American River College

NEW FOR 2015!
The course now has laser printers to give ability for students to print their drawings in 3D.