

Take the following courses to pursue an engineering concentration after High School.

# Engineering



## EDISON HIGH SCHOOL

FRESNO UNIFIED SCHOOL DISTRICT

These are a specific set of courses students are encouraged to complete during high school to get one step closer to a career in Engineering.

Talk to your counselor for further guidance and academic support.

*\* Early college credit through dual enrollment is key to fostering successful college and career readiness. Dual enrollment courses such as English 1A or Math 5A/Math 21/ Math 10A that meet A-G high school requirements and are foundational to general education (GE) college coursework for most majors are highly encouraged to be taken while still in high school. Talk to your counselor to explore what opportunities are available.*

YEAR 7
HISTORY 7
ELA 7
SCIENCE 7 (BIO)
MATH 7
ADV MATH 7

YEAR 8
HISTORY 8
ELA 8
SCIENCE 8 (EARTH)
MATH 8
ALGEBRA I MS

FRESHMAN
CHOICE: AP HUMAN GEOGRAPHY
ENGLISH 1
BIOLOGY <b>OR</b> AP BIOLOGY <b>OR</b> OTHER SCIENCE
ALGEBRA I
GEOMETRY
PLTW INTRO TO ENGINEERING DESIGN <b>OR</b> WEB PROGRAMMING

SOPHOMORE
WORLD HISTORY <b>OR</b> AP OPTIONS
ENGLISH 2
CHEMISTRY <b>OR</b> AP SCIENCE <b>OR</b> OTHER SCIENCE
GEOMETRY
ALGEBRA II
PLTW PRINCIPLES OF ENGINEERING <b>OR</b> AP COMPUTER SCIENCE PRINCIPLES

JUNIOR
US HISTORY <b>OR</b> AP OPTIONS <b>OR</b> OTHER OPTIONS
ENGLISH 3
PHYSICS <b>OR</b> AP PHYSICS <b>OR</b> OTHER SCIENCE
ALGEBRA II
TRIG/PRE CALC
ELECTRONICS ENGINEERING <b>OR</b> AP COMPUTER SCIENCE A

SENIOR
GOV/ECON
ERWC <b>OR</b> AP
AP OPTIONS <b>OR</b> OTHER SCIENCE
TRIG/PRE CALC
AP CALCULUS
ADVANCED ELECTRONICS <b>OR</b> PLTW ENGINEERING RESEARCH & DEVELOPMENT <b>OR</b> APPLICATION DESIGN AND RESEARCH

### MORE INFORMATION

[FresnoHigherEdForAll.com](http://FresnoHigherEdForAll.com)

[Edison.FresnoUnified.org](http://Edison.FresnoUnified.org)