

# RIVERVIEW HIGH SCHOOL



**In the Edison (IDEA) Project Lead the Way Learning Community**, students plunge into the excitement of discovery and invention through engineering technology. Students master problem-solving skills by studying design development and the applications of electronic circuitry and devices. Using state-of-the-art

software students learn to solve real world problems. Pathways include the following:

Pathway



**Design**

Pathway



**Systems/Electronics**

Pathway



**Aerospace**

Pathway



**Civil/Architecture**

## COURSE SEQUENCE:

Introduction to Engineering Design (I.E.D.) ~ *prerequisite to all courses*

Principles of Engineering (P.O.E.)

Digital Electronics (D.E.)

Engineering Design and Development (Capstone)

## Electives

Civil Engineering and Architecture

Aerospace Engineering

## Highlights include:

- Core subjects and electives for students who are interested in careers that involve exploration and discovery, problem-solving, investigation, experimentation, hands-on applied learning, and/or technical design. . . with special emphasis on creating *Innovations in Design, Engineering, and Aerospace (I.D.E.A. 's)*
- Content and activities that appeal to students who enjoy math, science and technology classes and may be interested in architecture, aeronautics, archeology, and/or engineering, robotics, and rocketry
- Upon completion of the engineering sequence, students receive preference in admittance at the University of South Florida and other select university engineering programs