STEM Endorsement

Science, Technology, Engineering & Mathematics

FIRST RGV

Sample Careers:
- *Engineer*
- *Researcher*
- *Scientist/Chemist*

PLTW — PROJECT LEAD THE WAY

PLTW Courses Sequence

Grade levels: 8th, 9th, 10th, 11th, 12th

PLTW Course Sequence

0368 Gateway to Technology [Application Process]

0911 ADVANCED — Introduction to Engineering Design [Application Process]

0914 ADVANCED — Civil Engineering & Architecture [Application Process]

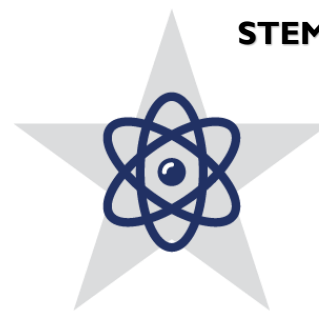**0912 Honors** ADVANCED — Engineering Science [Application Process]

0913 Honors ADVANCED — Digital Electronics [Application Process]

MATHEMATICS

Each course offered every third year.

P930 ADVANCED — Robotics I [Approval Required]

P918 ADVANCED — AC/DC Electronics [Approval Required]

P919 ADVANCED — Solid State Electronics [Approval Required]

0439 CP / 0438 Honors ADVANCED — Anatomy & Physiology — SCIENCE

0907 CP / 0909 Honors ADVANCED — Medical Microbiology — SCIENCE

0550 ADVANCED — Business Information Management II

0906 CP / 0910 Honors ADVANCED — Forensic Science — SCIENCE

0446 CP / 0441 Honors ADVANCED — Scientific Research & Design — SCIENCE

DEEA – 1006 & 2006 / DECSA – 1014 & 2014 STC — Dual Enr. Engineering Academy (DEEA) or Dual Enr. Computer Science Academy (DECSA) [Meet Requirements] [2-Yr. Commitment]

0531 & 2531 ADVANCED — Career Preparation I *(May be a part of any cluster)*

0448 ADVANCED — Computer Programming I

0525 Honors ADVANCED — Advanced Animal Science — SCIENCE

DEEA – 1006 & 2006 / DECSA – 1014 & 2014 STC — Dual Enr. Engineering Academy (DEEA) or Dual Enr. Computer Science Academy (DECSA) [Meet Requirements] [2-Yr. Commitment]

3531 & 5531 ADVANCED — Career Preparation II *(May be a part of any cluster)*

0532 Business Information Management I

0176 Professional Communications *(May be a part of any cluster)*