

STEM

ENDORSEMENT

Science, Technology, Engineering & Mathematics

ENGINEERING

PROJECT LEAD THE WAY (*PLTW)

HIGHLY RECOMMENDED:
STEM Pathway is Math & Science Intensive:
Successful completion or taken concurrently:
Level 1: Algebra I, Physics

Level 1
*Introduction to Engineering Design (1/T)
and
*Principles of Engineering (1/T)

CIVIL ENGINEERING

AEROSPACE ENGINEERING

**MECHANICAL/
MANUFACTURING ENGINEERING**

ROBOTICS

Level 2
*Civil Engineering and Architecture (1FY)

Level 2
*Aerospace Engineering (1/FY)

Level 2
*Computer Integrated Manufacturing (1/FY)

Level 2
Robotics I (1/T)

Level 3
• Engineering Design & Development (1/FY)

Level 3
Robotics II (1/FY)

Level 4
Practicum in STEM (2/FY)

Level 4
Practicum in STEM (2FY)

Certifications offered:
Adobe Autodesk Inventor

1, 2 = Credits, T= Term, FY = Full Year
2019-2020