

FCHS STEM Engineering Pathway

| Required Science Courses | Required Math Courses | Required CTAE Courses |
|--|---|--|
| <p>Biology Honors Chemistry Honors AP Biology AP Chemistry AP Physics C</p> | <p>Path I</p> <ul style="list-style-type: none"> Accelerated Coordinate Algebra/Analytic Geometry A Accelerated Analytic Geometry B/Advanced Algebra Accelerated Pre-Calculus AP Calculus AB/BC <p>Path II</p> <ul style="list-style-type: none"> Accelerated Analytic Geometry B/Advanced Algebra Accelerated Pre-Calculus AP Calculus AB/BC Fourth Math Option including ACCEL Math or Multivariable Calculus | <p>Foundations of Engineering Engineering Concepts Engineering Applications</p> |

In addition, students must maintain a cumulative GPA of 3.0 in STEM courses, an overall GPA of 3.0, complete 2 foreign language courses, actively compete in STEM Competitions and/or enrichment, and complete a STEM related internship or Capstone Project.