



# ENGINEERING MAGNET PROGRAM

## PROJECT LEAD THE WAY<sup>®</sup>

### Sample Four Year Plan

Visit our [Course Catalog](#) for more information on course offerings.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Theology 1 or Theo Fnd.	Theology 2	Theology 3	Senior Theology Elective
English 1 or Honors	English 2 or Honors	English 3 or AP English Literature	English 4 or AP English Language
Geometry or Honors	Algebra 2/Trig or Honors	Pre-Calculus or Honors	Calculus or AP Calc AB
Biology or Honors	Chemistry or Honors	Physics or AP Physics 1	AP Physics C
PE or Visual or Perf. Art	World History or Honors or AP European History	US History or AP US History	American Gov.   Economics or AP Gov or AP Macroecon
World Language 1	World Language 2	World Language 3	PE or Visual or Perf. Art
*First Year Sem   Health (Incoming Summer)			
<b>Magnet Courses</b>			
<b>Intro to Engineering Honors</b>	<b>Principles of Engineering Honors</b>	<b>EMP Elective (check Course Catalog for offerings)</b>	<b>EMP Elective (check Course Catalog for offerings)</b>

### Magnet Plus Four-Year Sample Plan for: *Additional PE Sport, Art or Study Skills (SERP) Class* Summer or online classes are required yearly

Freshman Year	Sophomore Year	Junior Year	Senior Year
Theology 1 or Theo Fnd.	Theology 2	Theology 3	Senior Theology Elective
English 1 or Honors	*English 2 or Honors	*English 3 or AP English Literature	*English 4 or AP English Language
Geometry or Honors	Algebra 2/Trig or Honors	Pre-Calculus or Honors	Calculus or AP Calc AB
Biology or Honors	Chemistry or Honors	Physics or AP Physics 1	AP Physics C
PE or Visual or Perf. Art	*World History	*US History	*American Gov.   Economics
World Language 1	*World Language 2	*World Language 3	PE or Visual or Perf. Art
^PE for the Athlete, Art or Study Skills	^PE for the Athlete, Art or Study Skills	^PE for the Athlete, Art or Study Skills	^PE for the Athlete, Art or Study Skills
*First Year Sem/Health (Incoming Summer)			
<b>Magnet Courses</b>			
<b>Intro to Engineering Honors</b>	<b>Principles of Engineering Honors</b>	<b>EMP Elective (check Course Catalog for offerings)</b>	<b>EMP Elective (check Course Catalog for offerings)</b>

\*Classes can be taken online and/or in the summer. Extra cost required.

^Check [Course Catalog](#) to see which sports offer a PE Sport Class for the year.

Students can join after Freshman year based on Director approval.

Math and science honors placement based on HSPT and Challenge Exams.

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