

Note: This is a **SAMPLE** high school plan, variations such as involvement in athletics, fine arts, and summer courses taken will affect the actual high school plan for each student. Courses that are in **BOLD** are requirements for the Engineering Academy. You are required to take at least one AAC/AP/Beyond AP level Science and Math course all four years. You must also enroll in one credit of AAC/AP Computer Science. This sample assumes AAC Algebra I is taken in 8th grade

Sample Engineering Academy 4-year plan:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
9 th	English I	World Geography	AAC Geometry	AAC Biology	Language I	AAC/AP Computer Science	Introduction to Engineering Design
10 th	English II	World History	AAC Algebra II	AAC Chemistry	Language II	Choice Elective	Engineering Science
11 th	English III	US History	AP Pre-Calculus	AP Physics)	Fine Arts	Aerospace Engineering	Civil and Architecture Engineering
12 th	English IV	US Government/ Economics	AP Calculus	Science Elective (AP Level)	PE	TBD Dual Credit Engineering Course	Capstone Course: Engineering Design & Development

Your *PROPOSED* plan—This is what you want to take and it can be adjusted. See your counselor about options.

*When making your plan, indicate level if honors, AP, dual credit, etc. Remember you must enroll in AAC/AP English.

	<u>1—English</u>	<u>2—SS</u>	<u>3—Math</u>	<u>4—Science</u>	<u>5—Language/ Electives</u>	<u>6—Elective</u>	<u>7—Elective</u>
9 th							Introduction to Engineering Design
10 th							Engineering Science
11 th						Aerospace Engineering	Civil and Architecture Engineering
12 th						TBD Dual Credit Engineering Course	Capstone Course: Engineering Design & Development

Classes that you took in Middle School that counted for High School Credit (if applicable):

Proposed Summer School or online classes (if applicable):

Checklist:

Did you plan for...

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> 4 credits of English | <input type="checkbox"/> 4 years of Math | <input type="checkbox"/> 4 years of Science | <input type="checkbox"/> 4 credits of SS |
| <input type="checkbox"/> 2 credits of the same world language | <input type="checkbox"/> 1 year of PE | <input type="checkbox"/> 1 year of Fine Arts | <input type="checkbox"/> Health |
| <input type="checkbox"/> Professional Communications | <input type="checkbox"/> Advanced Coursework | <input type="checkbox"/> 4 Engineering/CTE credits | |

***Requirements subject to change per state/district guidelines. All CTE courses are currently undergoing changes with TEA.