



Pre-Engineering & Architecture



Learner Name _____

Date _____

Learner Signature _____

Advisor Signature _____

Parent/Guardian Signature (if required) _____

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school recommended graduation requirements. Courses with a "CTE" prefix are proposed to be offered at the FISD Career & Technical Center.

| | | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade | |
|--|---|---|---|--|-------------------------------------|-------------------------------------|
| High School | English I | English II | English III | English IV | | |
| | Algebra I or Geometry | Geometry or Algebra II | Alg II, Pre-Cal or Statistics | Pre-Cal, Calculus or Statistics | | |
| | Biology I | IPC or Chemistry | Chemistry or Physics | Science Elective | | |
| | World Geography | World History | US History | Government/Economics | | |
| | Other Required Courses | | | | | |
| | <input type="checkbox"/> Fine Arts (1 credit) | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | Check year you plan to take course. |
| | <input type="checkbox"/> Foreign Language (2 credits) | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | |
| | <input type="checkbox"/> Health (1/2 credit) | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | |
| | <input type="checkbox"/> Physical Education (1 1/2 credits) | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | |
| | <input type="checkbox"/> Speech (1/2 credit) | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | |
| <input type="checkbox"/> Technology Applications (1credit) Computer Science 1 | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | | |
| Program Electives | Program Electives | Program Electives | Program Electives | Program Electives | | |
| <input type="checkbox"/> Tech Intro to CAD (1/2) | <input type="checkbox"/> CTE-Intro to Engin Design(1) | <input type="checkbox"/> CTE-Prin of Engineering (1) | <input type="checkbox"/> CTE-Civil Eng & Arch (1) | <input type="checkbox"/> CTE-Electronics I (1) | | |
| <input type="checkbox"/> Art 1 (1) | <input type="checkbox"/> CTE-Architectural Graphics(1) | <input type="checkbox"/> CTE-Digital Electronics (1) | <input type="checkbox"/> CTE-Intro to Electronics (1) | | | |
| | <input type="checkbox"/> Computer Science I (1) | <input type="checkbox"/> CTE-Engineering Graphics (1) | | | | |
| Additional Career Electives | | | | | | |
| <input type="checkbox"/> Art (1) (Fine Arts) | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | Check year you plan to take course. | |
| <input type="checkbox"/> Computer Science 1 | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | | |
| <input type="checkbox"/> PC Maint. 1 & 2 & PNIE | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | | |
| <input type="checkbox"/> Computer Science 2 | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | | |
| <input type="checkbox"/> Intro. To Electronics | <input type="checkbox"/> 9th | <input type="checkbox"/> 10th | <input type="checkbox"/> 11th | <input type="checkbox"/> 12th | | |
| Student Organization – Computer Science/Technology Club | | | | | | |
| Post-Secondary | Trade School | Community College | | College/University | | |
| | <input type="checkbox"/> AC, Heat & Refrigeration | <input type="checkbox"/> Construction Technology | Architecture | | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> Cabinetmaking | <input type="checkbox"/> Drafting and CAD | <input type="checkbox"/> Civil Engineering | | <input type="checkbox"/> _____ | | |
| <input type="checkbox"/> Carpentry | <input type="checkbox"/> Engineering Technology | <input type="checkbox"/> Construction Management | | <input type="checkbox"/> _____ | | |
| <input type="checkbox"/> Construction Trades | <input type="checkbox"/> Surveying | <input type="checkbox"/> Electrical Engineering | | <input type="checkbox"/> _____ | | |
| <input type="checkbox"/> Drafting CAD | <input type="checkbox"/> _____ | <input type="checkbox"/> Urban Planning | | <input type="checkbox"/> _____ | | |
| <input type="checkbox"/> Plumbing | <input type="checkbox"/> _____ | <input type="checkbox"/> Architecture | | <input type="checkbox"/> _____ | | |

