

Time to choose your Endorsement ...



Review all of the
Endorsement
areas

(pages 7 & 8 in your
Student Booklet)



Cypress-Fairbanks ISD - The Endorsements

A student must complete the Foundation High School Program (22 credits), one additional math credit, one additional science credit, and two additional elective credits while completing the specific requirements of his/her selected endorsement.]

STEM <i>Science, Technology, Engineering, & Math</i>	Business & Industry	Public Services	Arts & Humanities	Multidisciplinary Studies
<p>Students may earn a STEM endorsement by selecting and completing the requirements from among these <u>3</u> options.</p> <p>Note: Algebra II, Chemistry, and Physics or AP Physics I are required for the STEM endorsement regardless of the option the student selects from below.</p> <p>Option 1: Computer Science Students take 4 computer science courses from the following courses.</p> <ul style="list-style-type: none"> • Computer Programming K • Computer Science AP • Advanced Computer Science K • Computer Science Problems & Solutions K • AP Computer Science Principles <p>Option 2: CTE Students earn four (4) CTE credits by taking at least two (2) courses in the same cluster that lead to a final course in the STEM cluster. At least one (1) of the courses must be an advanced CTE course (3rd year or higher course in a sequence).</p> <p>Option 3: Math Students take Algebra I, Geometry, and Algebra II AND two (2) of the following courses for which Algebra II is a prerequisite.</p> <ul style="list-style-type: none"> • Pre-Calculus • Calculus AB or BC • Statistics AP • AQR K • Advanced Algebra • College Algebra K <p>Option 4: Science Students take Biology, Chemistry, and Physics or AP Physics I, AND two (2) of the following courses.</p>	<p>Students may earn a Business & Industry endorsement by selecting and completing the requirements from among these 4 options.</p> <p>Option 1: CTE Students earn four (4) credits by taking at least two (2) courses in the same cluster in one of the following areas</p> <ul style="list-style-type: none"> • Agriculture, Food, and Natural Resources • Architecture and Construction • Arts, Audio/Video Technology, and Communication • Business Management and Administration • Finance • Hospitality and Tourism • Information Technology • Manufacturing • Marketing • Transportation, Distribution, and Logistics <p>with at least one (1) advanced (3rd year or higher course in the sequence).</p> <p>Option 2: English Students take four (4) English elective credits that include three levels in one of the following areas</p> <ul style="list-style-type: none"> • Advanced Journalism: Newspaper or Yearbook • Debate <p>Option 3: Technology Students take four (4) technology credits selected from the following courses.</p> <ul style="list-style-type: none"> • Animation • Advanced Animation • Web Technology I • Digital & Interactive Multimedia • Computer Programming K 	<p>Students may earn a Public Services endorsement by selecting and completing the requirements from among these <u>2</u> options.</p> <p>Option 1: CTE Students earn four (4) credits by taking at least two (2) courses in the same career cluster in one of the following areas</p> <ul style="list-style-type: none"> • Education and Training • Health Science • Human Services <p>with a least one (1) advanced (3rd year or higher course in the sequence).</p> <p>Option 2: JROTC Student takes four (4) JROTC courses for 4 credits.</p>	<p>Students may earn an Arts & Humanities endorsement by selecting and completing the requirements from among these <u>4</u> options.</p> <p>Option 1: Social Studies Students take at least five (5) social studies courses for 5 credits.</p> <p>Option 2: Foreign Language Students take four (4) levels of the same foreign language.</p> <p style="text-align: center;">OR</p> <p>Foreign Language Combo Students take two (2) levels of one foreign language AND two (2) levels of a different foreign language (two levels in each of two different foreign languages for 4 credits).</p> <p>Option 3: Fine Arts Students take four (4) courses in the same fine arts area for 4 credits.</p> <p style="text-align: center;">OR</p> <p>Fine Arts Combo Students take two (2) courses in one fine arts area AND two (2) courses in a different fine arts area (two courses in each of two different fine arts areas for 4 credits).</p> <p>Option 4: English Students take four (4) elective credits selected from the following courses.</p> <ul style="list-style-type: none"> • English IV • Literary Genres • Creative Writing • Research and Technical Writing • Humanities • AP English Literature & Comp • Communication Applications 	<p>Students may earn a Multidisciplinary Studies endorsement by selecting and completing the requirements from among these <u>2</u> options.</p> <p>Option 1: Four by Four (4 X 4) Students take four (4) courses in each of the four core content areas.</p> <ul style="list-style-type: none"> • Four (4) English credits including English IV • Four (4) math credit • Four (4) science credits including Biology and Chemistry and/or Physics or AP Physics I • Four (4) social studies credits <p>Option 2: AP or Dual Students take four (4) Advanced Placement (AP) or four (4) Dual Credit courses for four (4) credits in English, math, science, social studies, foreign language, or fine arts.</p> <p style="text-align: center;">OR</p> <p>Students take a combination of Advanced Placement (AP) or Dual Credit courses for four (4) credits in English, math, science, social studies, foreign language, or fine arts.</p>

STEM <i>Science, Technology, Engineering, & Math</i>	Business & Industry	Public Services	Arts & Humanities	Multidisciplinary Studies
<ul style="list-style-type: none"> • Chemistry AP • Biology AP • Anatomy & Physiology • Environmental Science AP • AP Physics 1 • AP Physics C • Aquatic Science • Astronomy • Earth & Space Science • Environmental Systems • AP Physics II • Forensic Science • Engineering Design & Problem Solving • Advanced Animal Science <p>Option 5: Combination Students take Algebra II, Chemistry, and Physics or AP Physics I, an additional math course, an additional science course, AND three (3) additional credits from Option 1 (Computer Science) and/or Option 2 (CTE) in the STEM endorsement.</p>	<ul style="list-style-type: none"> • Business Information Management • Audio/Video Production] <p>Option 4: Combination Students take a coherent sequence of four (4) credits from Option 1, 2, or 3.</p>			



Complete the following...



My Career Goal: _____

Endorsement(s) - If choosing multiple endorsements, rank in order of interest (1, 2, 3 etc.; you may choose up to 5)



- ___ STEM - 1 Computer Science
- ___ STEM - 2 CTE (Engineering)
- ___ STEM - 3 Math
- ___ STEM - 4 Science
- ___ STEM - 5 Combination

- ___ Business & Industry - 1 Ag, Food & Natural Resources
- ___ Business & Industry - 1 Architecture and Construction
- ___ Business & Industry - 1 Arts, AV/Video Technology & Communication
- ___ Business & Industry - 1 Business Management and Administration
- ___ Business & Industry - 1 Finance
- ___ Business & Industry - 1 Hospitality and Tourism
- ___ Business & Industry - 1 Information Technology
- ___ Business & Industry - 1 Manufacturing
- ___ Business & Industry - 1 Marketing
- ___ Business & Industry - 1 Transportation, Distribution & Logistics
- ___ Business & Industry - 2 English
- ___ Business & Industry - 3 Technology
- ___ Business & Industry - 4 Combination

- ___ Public Services - 1 Education & Training
- ___ Public Services - 1 Health Science
- ___ Public Services - 1 Human Services
- ___ Public Services - 2 JROTC

- ___ Arts and Humanities - 1 Social Studies
- ___ Arts and Humanities - 2 Foreign Language
- ___ Arts and Humanities - 2 Foreign Language Combo
- ___ Arts and Humanities - 3 Dance
- ___ Arts and Humanities - 3 Fine Arts Combo
- ___ Arts and Humanities - 3 Music (Band)
- ___ Arts and Humanities - 3 Music (Choir)
- ___ Arts and Humanities - 3 Music (Orchestra)
- ___ Arts and Humanities - 3 Theater Arts
- ___ Arts and Humanities - 3 Visual Arts
- ___ Arts and Humanities - 4 English

- ___ Multidisciplinary Studies - 1 Four by Four (4x4)
- ___ Multidisciplinary Studies - 2 AP or Dual



Complete the following...



My Career Goal: Computer Networking Analyst

Endorsement(s) - If choosing multiple endorsements, rank in order of interest (1, 2, 3 etc.; you may choose up to 5)

- STEM – 1 Computer Science
- STEM – 2 CTE (Engineering)
- STEM – 3 Math
- STEM – 4 Science
- STEM – 5 Combination

- Business & Industry – 1 Ag, Food & Natural Resources
- Business & Industry – 1 Architecture and Construction
- Business & Industry – 1 Arts, AV/Video Technology & Communication
- Business & Industry – 1 Business Management and Administration
- Business & Industry – 1 Finance
- Business & Industry – 1 Hospitality and Tourism
- 1** Business & Industry – 1 Information Technology
- Business & Industry – 1 Manufacturing
- Business & Industry – 1 Marketing
- Business & Industry – 1 Transportation, Distribution & Logistics
- Business & Industry – 2 English
- Business & Industry – 3 Technology
- Business & Industry – 4 Combination

- Public Services – 1 Education & Training
- Public Services – 1 Health Science
- Public Services – 1 Human Services
- Public Services – 2 JROTC

- Arts and Humanities – 1 Social Studies
- Arts and Humanities – 2 Foreign Language
- Arts and Humanities – 2 Foreign Language Combo
- Arts and Humanities – 3 Dance
- Arts and Humanities – 3 Fine Arts Combo
- 2** Arts and Humanities – 3 Music (Band)
- Arts and Humanities – 3 Music (Choir)
- Arts and Humanities – 3 Music (Orchestra)
- Arts and Humanities – 3 Theater Arts
- Arts and Humanities – 3 Visual Arts
- Arts and Humanities – 4 English

- 3** Multidisciplinary Studies – 1 Four by Four (4x4)
- Multidisciplinary Studies – 2 AP or Dual



No worries!



Be Happy!!

Remember:
You will be given
opportunities to review
and/or modify your plan in
high school!



Complete the following...



My Career Goal: Computer Networking Analyst

Endorsement(s) - If choosing multiple endorsements, rank in order of interest (1, 2, 3 etc.; you may choose up to 5)

- STEM – 1 Computer Science
- STEM – 2 CTE (Engineering)
- STEM – 3 Math
- STEM – 4 Science
- STEM – 5 Combination

- Business & Industry – 1 Ag, Food & Natural Resources
- Business & Industry – 1 Architecture and Construction
- Business & Industry – 1 Arts, AV/Video Technology & Communication
- Business & Industry – 1 Business Management and Administration
- Business & Industry – 1 Finance
- Business & Industry – 1 Hospitality and Tourism
- 1** Business & Industry – 1 Information Technology
- Business & Industry – 1 Manufacturing
- Business & Industry – 1 Marketing
- Business & Industry – 1 Transportation, Distribution & Logistics
- Business & Industry – 2 English
- Business & Industry – 3 Technology
- Business & Industry – 4 Combination

- Public Services – 1 Education & Training
- Public Services – 1 Health Science
- Public Services – 1 Human Services
- Public Services – 2 JROTC

- Arts and Humanities – 1 Social Studies
- Arts and Humanities – 2 Foreign Language
- Arts and Humanities – 2 Foreign Language Combo
- Arts and Humanities – 3 Dance
- Arts and Humanities – 3 Fine Arts Combo
- 2** Arts and Humanities – 3 Music (Band)
- Arts and Humanities – 3 Music (Choir)
- Arts and Humanities – 3 Music (Orchestra)
- Arts and Humanities – 3 Theater Arts
- Arts and Humanities – 3 Visual Arts
- Arts and Humanities – 4 English

- 3** Multidisciplinary Studies – 1 Four by Four (4x4)
- Multidisciplinary Studies – 2 AP or Dual

