

**When reading TEA PowerPoint, please refer to Chapter 74 Curriculum Requirements document – approved by SBOE on 1/31/14 and presented to public on 2/11/14.**

# HB5 – Graduation Requirements

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PRESENTED ON APRIL 14, 2014 AT THE CHRISTOVAL ISD BOARD MEETING.

TEA WILL BE RELEASING A FAQ DOCUMENT PROVIDING FURTHER ASSISTANCE IN THE INTERPRETATION OF CH. 74 CURRICULUM REQUIREMENTS SUBCHAPTER B. GRADUATION REQUIREMENTS.

The following slides were released on the TEA website on Feb.  
14, 2014,

<http://www.tea.state.tx.us/index2.aspx?id=25769806149>

***Please be reminded TEA interpretation is anticipated and further clarification is expected.***

Additional information has been added by Region 15 in red.  
Please visit the HB5 link on Region 15's website for additional  
information: <http://www.netxv.net/Page/282>

# Foundation High School Program

- HB 5 gives the SBOE decision-making authority in a number of areas related to the new high school graduation requirements.
- The SBOE adopted new rules for the Foundation High School Program on January 31, 2014.
- There have been numerous opportunities for input and feedback throughout the rulemaking process.
- The SBOE is expected to adopt new rules regarding which courses school districts will be required to offer in April 2014.

# Foundation High School Program

- The Commissioner has adopted rules to allow fourth year seniors who are unable to complete the requirements of one of the current graduation programs to graduate foundation only in **spring 2014**.

<http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074bb.html>

- The Commissioner has adopted a transition plan to replace the MHSP, RHSP, and DAP with the Foundation High School Program **beginning with the 2014-2015 school year**.
- Students who are in grade 9, 10, or 11 in the 2013-2014 school year must be given a choice to graduation the MHSP, RHSP, DAP, or Foundation High School Program.



# Foundation – Statutory Requirements

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Beginning in the 2014-2015 school year, a school district must ensure that each student, on entering ninth grade, indicates in writing an endorsement that the student intends to earn.

A district must permit a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated.

# Foundation – Statutory Requirements

A student may graduate under the foundation high school program without earning an endorsement if, after the student's sophomore year:

- (1) the student and the student's parent or person standing in parental relation are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements; and
- (2) the student's parent or person standing in parental relation files with a school counselor written permission, on a form adopted by the agency, allowing the student to graduate under the foundation high school program without earning an endorsement

# Foundation – Statutory Requirements

## English Language Arts

### Four credits

- English I
- English II
- English III
- Advanced English Course

## Mathematics

### Three credits

- Algebra I
- Geometry
- Advanced Mathematics Course

## Science

### Three credits

- Biology
- IPC or Advanced Science Course
- Advanced Science Course

## Social Studies

### Three credits

- U.S. History
- U.S. Government (one-half credit)
- Economics (one-half credit)
- World Geography or World History or  
Combined World History/World Geography (course not developed yet)

# Foundation Advanced Courses

## SBOE Rule

English Language Arts	
English IV	Independent Study in Journalism
Independent Study in English	Advanced Broadcast Journalism III
Literary Genres	Advanced Journalism: Newspaper III
Creative Writing	Advanced Journalism: Yearbook III
Research & Technical Writing	AP English Literature and Composition
Humanities	IB Language Studies A1 Higher Level
Public Speaking III	Business English
Oral Interpretation III	locally developed ELA course or other activity [pursuant to TEC, §28.002(g-1)]
Debate III	College Prep ELA [pursuant to TEC, §28.014]
Independent Study in Speech	

CTE (HQ)

# Foundation Advanced Courses

## SBOE Rule

### Third Mathematics Credit

* Mathematical Models with Applications	AP Calculus BC
* Mathematical Applications in AFNR	AP Computer Science
* Digital Electronics	IB Mathematical Studies Standard Level (SL)
* Robotics Programming and Design	IB Mathematics SL
Algebra II	IB Mathematics Higher Level (HL)
Precalculus	IB Further Mathematics HL
AQR ( <b>Advanced Quantitative Reasoning</b> )	Engineering Mathematics
Independent Study in Math	Statistics & Risk Management
Discrete Mathematics for Problem Solving	Discrete Mathematics for Computer Science
AP Statistics	locally developed math course or other activity [pursuant to TEC, §28.002(g-1)]
AP Calculus AB	mathematics course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]
Algebraic Reasoning (in development for implementation in 2015-2016)	Statistics (in development for implementation in 2015-2016)

CTE

Technology  
Applications

CTE

\*Slide 18

# Foundation Advanced Courses

## SBOE Rule

Second Science Credit	
Integrated Physics and Chemistry (IPC)	Physics
Chemistry	Principles of Technology
AP Chemistry	AP Physics 1: Algebra-Based
IB Chemistry	IB Physics

CTE

[www.teach-pt.com](http://www.teach-pt.com)



# Foundation Advanced Courses

## SBOE Rule

### Third Science Credit

Chemistry	IB Physics
Physics	IB Environmental Systems
Aquatic Science	Advanced Animal Science
Astronomy	Advanced Plant and Soil Science
Earth and Space Science	Anatomy and Physiology
Environmental Systems	Medical Microbiology
AP Biology	Pathophysiology
AP Chemistry	Food Science
AP Physics 1: Algebra-Based	Forensic Science
AP Physics 2: Algebra-Based	Advanced Biotechnology
AP Physics C	Principles of Technology
AP Environmental Science	Scientific Research & Design
IB Biology	Engineering Design & Problem Solving
IB Chemistry	Principles of Engineering
locally developed science course or other activity [pursuant to TEC, §28.002(g-1)]	science course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]

CTE (HQ)



# Foundation – Statutory Requirements

**Physical Education**

**One credit**

**Languages Other Than English**

**Two credits in the same language**

Computer programming language (other exceptions)

**Fine Arts**

**One credit**

**Electives**

**Five credits**

# Languages Other Than English (LOTE)

## SBOE Rule

Technology  
Applications →

- Any two levels in the same language
- Two credits in computer programming languages selected from Computer Science I, II, and III

If a student, in completing the first credit of LOTE, demonstrates that the student is unlikely to be able to complete the second credit, the student may substitute another appropriate course as follows:

- Special Topics in Language and Culture
- World History Studies or World Geography Studies for a student who is not required to complete both by the local district
- Computer programming languages
- A different language course

# Languages Other Than English (LOTE)

## SBOE Rule

A student, who due to a disability, is unable to complete two credits in the same language in LOTE, may substitute:

- a combination of two credits from English language arts, mathematics, science, or social studies
- two credits in career and technical education or technology applications

The determination regarding a student's ability to complete the LOTE credit requirements will be made by:

- the student's ARD committee if the student receives special education services under the TEC, Chapter 29, Subchapter A or
- the committee established for the student under Section 504, Rehabilitation Act of 1973 (29 United States Code (USC), §794)

Side-by-Side Comparison: Graduation Program Options to be Implemented Beginning in 2014-2015

Discipline	Foundation HSP	*MHSP	*RHSP	*DAP
English Language Arts	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>An advanced English course</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV or approved alternate course</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>
Mathematics	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>An advanced math course</li> </ul>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>SBOE approved math course</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Algebra II</li> <li>Geometry</li> <li>An additional math credit</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Algebra II</li> <li>Geometry</li> <li>An additional math credit</li> </ul>
Science	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>IPC or an advanced science course</li> <li>An advanced science course</li> </ul>	<b>Two credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>IPC or Chemistry and Physics (one of the two serves as an academic elective)</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>An additional science credit</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>An additional science credit</li> </ul>
Social Studies	<b>Three credits</b> <ul style="list-style-type: none"> <li>U.S. History</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History or World Geography</li> </ul>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>U.S. History (one credit)</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History (one credit) or World Geography (one credit)</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>U.S. History (one credit)</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History (one credit)</li> <li>World Geography (one credit)</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>U.S. History (one credit)</li> <li>U.S. Government (one-half credit)</li> <li>Economics (one-half credit)</li> <li>World History (one credit)</li> <li>World Geography (one credit)</li> </ul>
Physical Education	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>
Languages Other Than English	<b>Two credits in the same language</b> Two credits from Computer Science I, II, and III (other substitutions)	<b>None</b>	<b>Two credits in the same language</b>	<b>Three credits in the same language</b>
Fine Arts	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>	<b>One credit</b>
Speech	<a href="#"><u>Demonstrated proficiency in speech skills</u></a>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>Communication Applications</li> <li>Professional Communications (CTE)</li> </ul>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>Communication Applications</li> <li>Professional Communications (CTE)</li> </ul>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>Communication Applications</li> <li>Professional Communications (CTE)</li> </ul>
Electives	<b>Five credits</b>	<b>Seven and one half credits (one must be an academic elective)</b>	<b>Five and one-half credits</b>	<b>Four and one-half credits</b>
<b>Total Credits</b>	<b>22</b>	<b>22</b>	<b>26</b>	<b>26</b>

3/1/2014

\* Only available for students who entered grade 9 before the 2014-2015 school year

# Endorsements – Statutory Requirements

A student may earn an endorsement by successfully completing:

- curriculum requirements for the endorsement
- four credits in mathematics
- four credits in science
- two additional elective credits



# Endorsements – Statutory Requirements

Each school district must make available to high school students courses that allow a student to complete the curriculum requirements for at least one endorsement.

A school district that offers only one endorsement curriculum must offer the multidisciplinary studies endorsement curriculum.

A school district defines advanced courses and determines a coherent sequence of courses for an endorsement area, provided that prerequisites are followed.

A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the foundation high school program, including an elective requirement.

# Endorsement Advanced Courses

## SBOE Rule

### Fourth Mathematics Credit to Earn an Endorsement

Algebra II	IB Mathematical Studies Standard Level (SL)
Precalculus	IB Mathematics SL
Advanced Quantitative Reasoning	IB Mathematics Higher Level (HL)
Independent Study in Math	IB Further Mathematics HL
Discrete Mathematics for Problem Solving	Engineering Mathematics
AP Statistics	Statistics & Risk Management
AP Calculus AB	Discrete Mathematics for Computer Science
AP Calculus BC	locally developed math course or other activity [pursuant to TEC, §28.002(g-1)]
AP Computer Science	mathematics course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]
* Math Models (for the 2014-2015 school year only)	College Prep Math [pursuant to TEC, §28.014]
Algebraic Reasoning (in development for implementation in 2015-2016)	Statistics (in development for implementation in 2015-2016)

\*Note: A course on this list may be taken either before or after one of the following courses:

Mathematical Models with Applications, Mathematical Applications in Agriculture Food and Natural Resources, Digital Electronics, Robotics Programming and Design

CTE

Refer to  
slide 9



# Endorsement Advanced Courses

## SBOE Rule

### Fourth Science Credit to Earn an Endorsement

Chemistry	IB Physics
Physics	IB Environmental Systems
Aquatic Science	Advanced Animal Science
Astronomy	Advanced Plant and Soil Science
Earth and Space Science	Anatomy and Physiology
Environmental Systems	Medical Microbiology
AP Biology	Pathophysiology
AP Chemistry	Food Science
AP Physics 1: Algebra-Based	Forensic Science
AP Physics 2: Algebra-Based	Advanced Biotechnology
AP Physics C	Principles of Technology
AP Environmental Science	Scientific Research & Design
IB Biology	Engineering Design & Problem Solving
IB Chemistry	Principles of Engineering
locally developed science course or other activity [pursuant to TEC, §28.002(g-1)]	science course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]

CTE

<b>Endorsements</b>	<p>A student may earn an endorsement by successfully completing</p> <ul style="list-style-type: none"> <li>• curriculum requirements for the endorsement</li> <li>• a total of four credits in mathematics</li> <li>• a total of four credits in science</li> <li>• two additional elective credits</li> </ul>
<b>STEM</b>	<p>A coherent sequence or series of courses selected from one of the following:</p> <ul style="list-style-type: none"> <li>• CTE courses with a final course from the STEM career cluster</li> <li>• Computer science</li> <li>• Mathematics</li> <li>• Science</li> <li>• A combination of no more than two of the categories listed above</li> </ul>
<b>Business and Industry</b>	<p>A coherent sequence or series of courses selected from one of the following:</p> <ul style="list-style-type: none"> <li>• CTE courses with a final course from the Agriculture, Food, &amp; Natural Resources; Architecture &amp; Construction; Arts, Audio/Video, Technology &amp; Communications; Business Management &amp; Administration; Finance; Hospitality &amp; Tourism; Information Technology; Manufacturing, Marketing; Transportation, or Distribution &amp; Logistics CTE career cluster</li> <li>• The following English electives: public speaking, debate, advanced broadcast journalism including newspaper and yearbook</li> <li>• Technology applications</li> <li>• A combination of credits from the categories listed above</li> </ul>
<b>Public Services</b>	<p>A coherent sequence or series of courses selected from one of the following:</p> <ul style="list-style-type: none"> <li>• CTE courses with a final course from the Education &amp; Training; Government &amp; Public Administration; Health Science, Human Services; or Law, Public Safety, Corrections, and Security career cluster</li> <li>• JROTC</li> </ul>
<b>Arts and Humanities</b>	<p>A coherent sequence or series of courses selected from one of the following:</p> <ul style="list-style-type: none"> <li>• Social studies</li> <li>• The same language in Languages Other Than English</li> <li>• Two levels in each of two language in Languages Other Than English</li> <li>• American Sign Language (ASL)</li> <li>• Courses from one or two categories (art, dance, music, and theater) in fine arts</li> <li>• English electives that are not part of Business and Industry</li> </ul>
<b>Multidisciplinary Studies</b>	<p>A coherent sequence or series of courses selected from one of the following:</p> <ul style="list-style-type: none"> <li>• Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence</li> <li>• Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics</li> <li>• Four credits in AP, IB, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts</li> </ul>
<b>Total Credits w/endorsement - 26</b>	
<b>Distinguished Level of Achievement</b>	<ul style="list-style-type: none"> <li>• A total of four credits in math, including credit in Algebra II</li> <li>• A total of four credits in science</li> <li>• Completion of curriculum requirements for at least one endorsement</li> </ul>
<b>Performance Acknowledgments</b>	<ul style="list-style-type: none"> <li>▪ For outstanding performance <ul style="list-style-type: none"> <li>• in a dual credit course</li> <li>• in bilingualism and biliteracy</li> <li>• on an AP test or IB exam</li> <li>• on the PSAT, the ACT-Plan, the SAT, or the ACT</li> </ul> </li> <li>▪ For earning a nationally or internationally recognized business or industry certification or license</li> </ul>

3/1/2014

# STEM - SBOE Rule

A student may earn a STEM endorsement by completing foundation and general endorsement requirements including Algebra II, chemistry, and physics and:

(A) a coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE career clusters or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from the STEM career cluster.

(B) a coherent sequence of four credits in computer science selected from the following:

- Fundamentals of Computer Science
- Computer Science I
- Computer Science II
- Computer Science III
- AP Computer Science
- IB Computer Science, Standard Level
- IB Computer Science, Higher Level
- Discrete Mathematics for Computer Science
- Digital Forensics
- Game Programming and Design
- Mobile Application Development
- Robotics Programming and Design
- Independent Studies of Technology Applications

# STEM - SBOE Rule

A student may earn a STEM endorsement by completing foundation and general endorsement requirements including Algebra II, chemistry, and physics and:

- (C) A total of five credits in mathematics by successfully completing Algebra I, geometry, Algebra II and two additional mathematics courses for which Algebra II is a prerequisite
- (D) A total of five credits in science by successfully completing biology, chemistry, physics, and two additional science courses
- (E) In addition to Algebra II, chemistry, and physics, a coherent sequence of three additional credits from no more than two of the areas listed in (A), (B), (C), and (D)



# Business & Industry - SBOE Rule

A student may earn a business and industry endorsement by completing foundation and general endorsement requirements and:

(A) a coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE career clusters or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from one of the following CTE career clusters:

- Agriculture, Food, & Natural Resources
- Architecture & Construction
- Arts, Audio/Video Technology, & Communications
- Business Management & Administration
- Transportation, Distribution, & Logistics
- Marketing
- Information Technology
- Manufacturing
- Hospitality & Tourism
- Finance

(B) four English elective credits by selecting three levels in one of the following areas:

- advanced broadcast journalism
- advanced journalism: newspaper
- advanced journalism: yearbook
- public speaking
- debate

# Business & Industry - SBOE Rule

A student may earn a business and industry endorsement by completing foundation and general endorsement requirements and:

(C) four technology applications credits by selecting from the following:

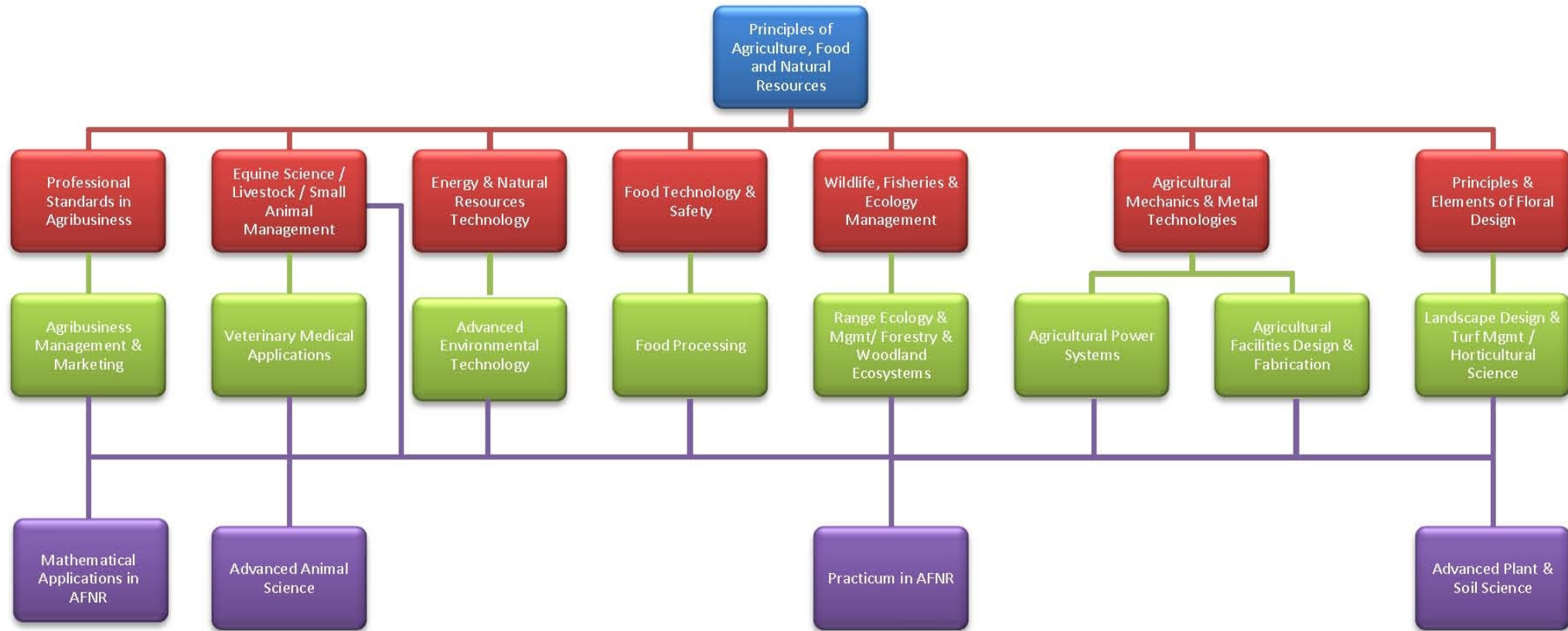
- Digital Design and Media Production
- Digital Art and Animation
- 3-D Modeling and Animation
- Digital Communications in the 21st Century
- Digital Video and Audio Design
- Web Communications
- Web Design
- Web Game Development
- Independent Study in Evolving/Emerging Technologies

HQ

(D) a coherent sequence of four credits from (A), (B), or (C)

Reminder:  
Technology Applications  
adoption is in  
Proclamation 2014

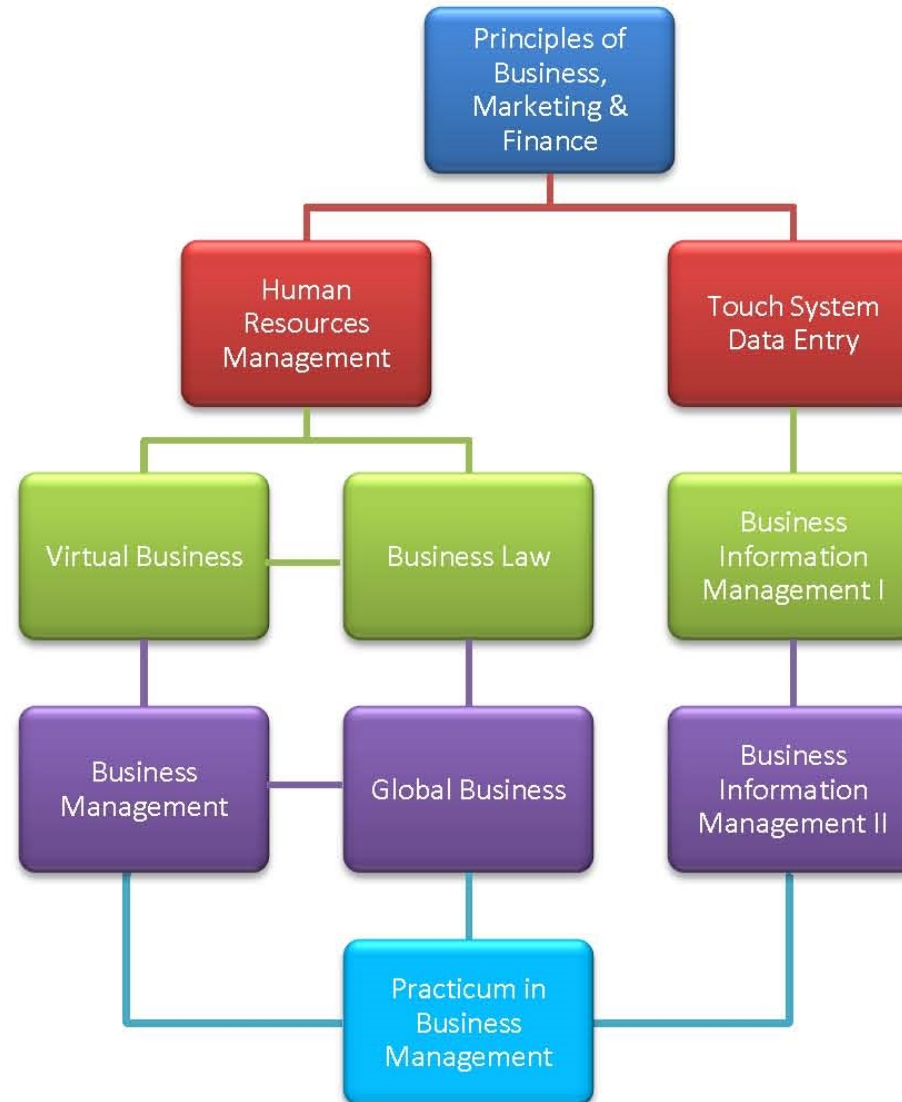
# Agriculture, Food and Natural Resources







# Business Management and Administration



# Marketing

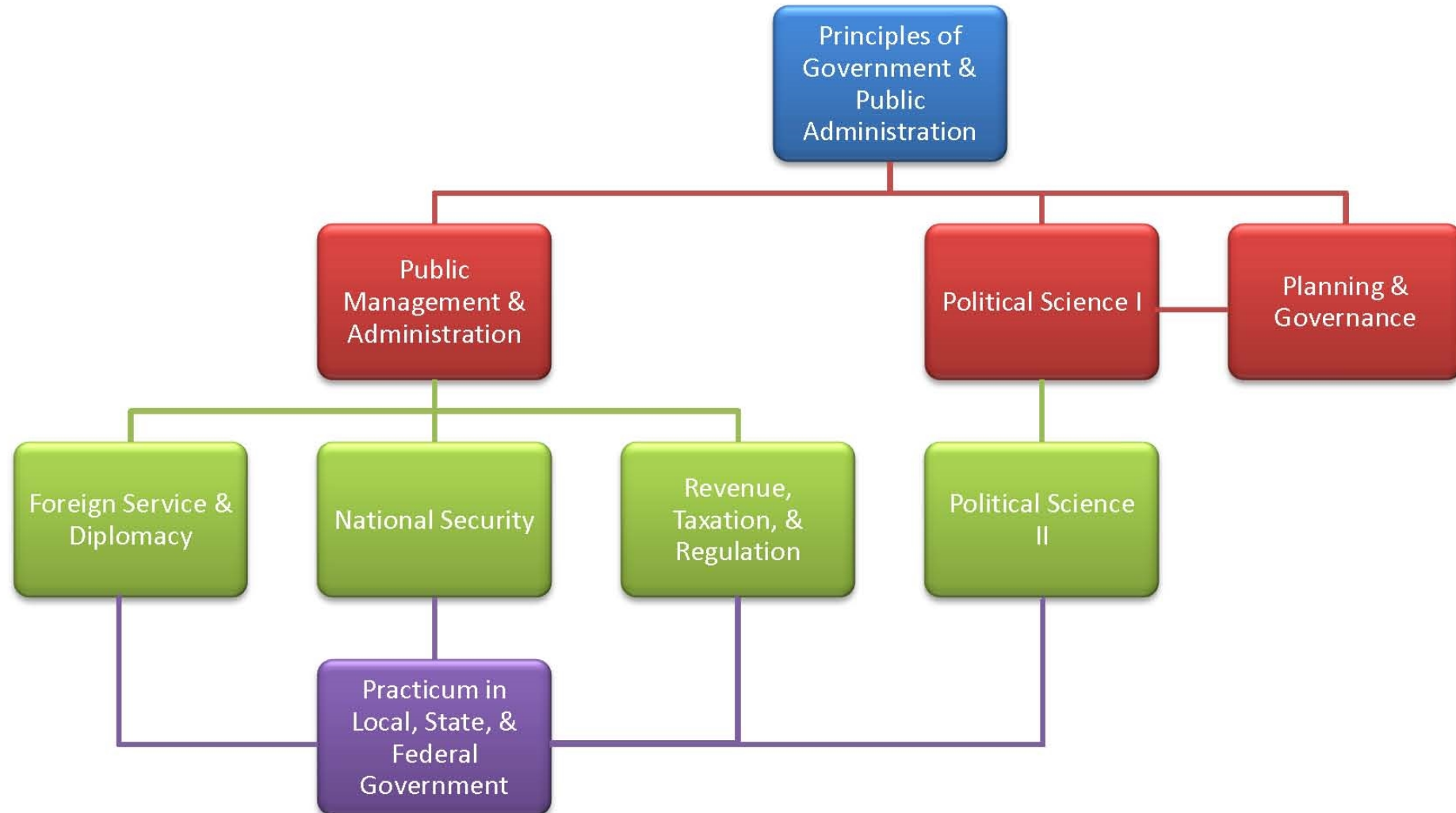


# Public Services - SBOE Rule

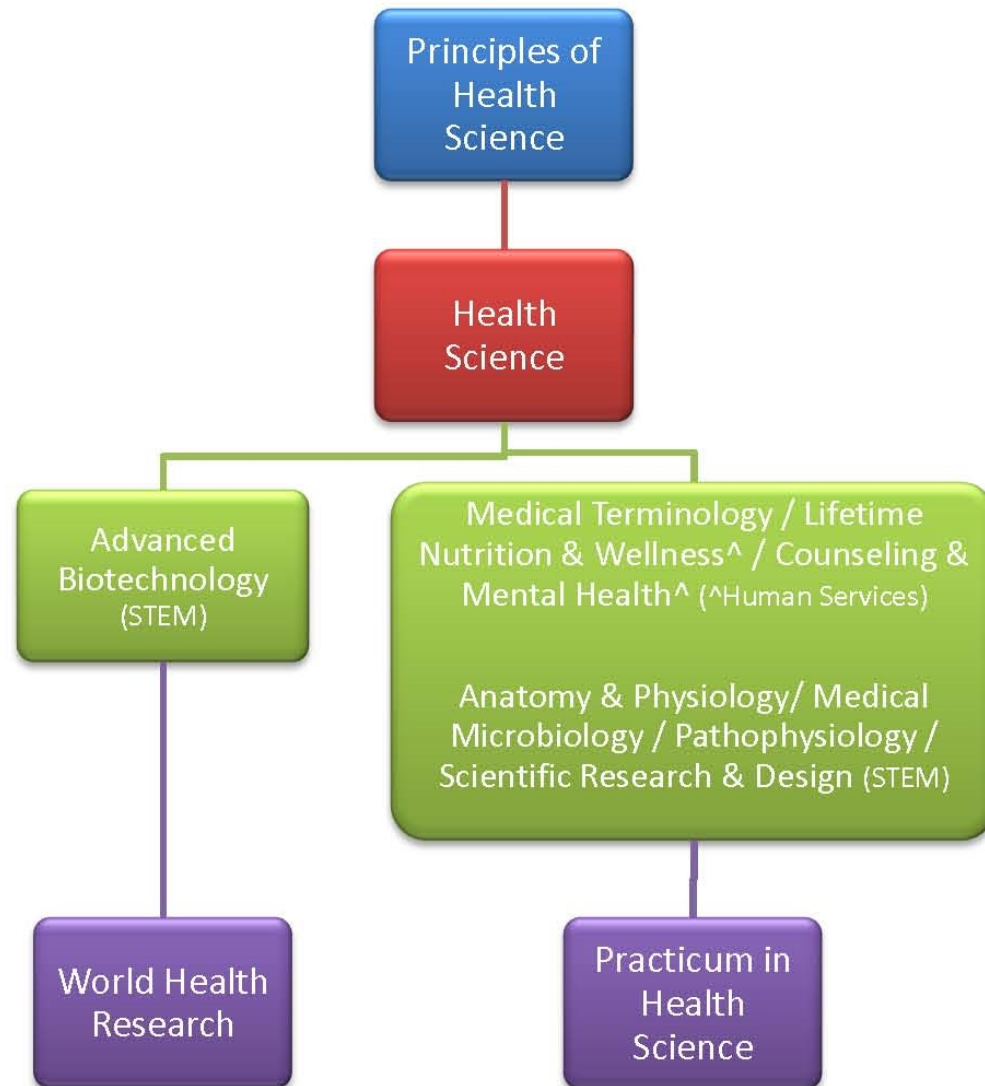
A student may earn a public services endorsement by completing foundation and general endorsement requirements and:

- (A) a coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE career clusters or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from one of the following CTE career clusters:
  - Education & Training
  - Government & Public Administration
  - Health Science
  - Human Services
  - Law, Public Safety, Corrections, & Security
- (B) four courses in Junior Reserve Officer Training Corps (JROTC)

# Government and Public Administration



# Health Science





# Arts & Humanities - SBOE Rule

A student may earn an arts and humanities endorsement by completing foundation and general endorsement requirements and:

- (A) A total of five social studies courses
- (B) four levels of the same language in a language other than English
- (C) two levels of the same language in a language other than English and two levels of a different language in a language other than English
- (D) four levels of American sign language
- (E) a coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts or innovative courses approved by the commissioner
- (F) four English elective credits by selecting from the following:
  - English IV
  - Independent Study in English
  - Literary Genres
  - Creative Writing
  - Research and Technical Writing
  - Humanities
  - Advanced Placement English Literature and Composition; or
  - International Baccalaureate Language Studies A1 Higher Level; or
  - Communication Applications



# Multidisciplinary Studies – SBOE Rule

A student may earn a multidisciplinary studies endorsement by completing foundation and general endorsement requirements and:

- (A) four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence
- (B) four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
- (C) four credits in advanced placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts

# Distinguished Level of Achievement

A student may earn a distinguished level of achievement by successfully completing:

- a total of four credits in mathematics, which must include Algebra II
- a total of four credits in science
- the remaining curriculum requirements
- the curriculum requirements for at least one endorsement

# CHRISTOVAL HIGH SCHOOL'S GOALS AND PLANS

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CHS will run the present “4x4” and the new HB5 plans concurrently.

- Increase the number of CTE strands we offer students
- Begin to work the GT plan into the new graduation requirements
- Teachers may have to test in extra or other areas to cover more courses.
- Offer more training for teachers to teach more efficiently
- Use more and better technology to increase learning
- Increase numbers of project based learning opportunities

# Foundation High School Program (22 credits)

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## English - 4 credits

- ☐ English I
- ☐ English II
- ☐ English III or Dual Credit English
- ☐ English IV or Dual Credit English

## Math - 3 credits

- ☐ Algebra I
- ☐ Geometry
- ☐ Algebra II or Math Models

## Social Studies - 3 credits

- ☐ World Geography or World History
- ☐ US History

- ☐ Government and Economics

## Science - 3 credits

- ☐ Biology
- ☐ IPC
- ☐ Chemistry or Physics

## Languages Other Than English - 2 credits

- ☐ LOTE 1 \_\_\_\_\_
- ☐ LOTE 2 or \_\_\_\_\_

## Fine Arts - 1 credit

- ☐ \_\_\_\_\_

## Physical Education - 1 credits

- ☐ PE

## Communication – 0.5 credits

- ☐ Professional Communication or Communication Application

## Electives – 4.5 credits

- ☐ \_\_\_\_\_
- ☐ \_\_\_\_\_
- ☐ \_\_\_\_\_
- ☐ \_\_\_\_\_
- ☐ \_\_\_\_\_

# Foundation with Endorsements (26 credits)

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Christoval High School's goal is to offer the following endorsements:

- ❖ STEM
- ❖ Business and Industry
  - ❖ Public Services
- ❖ Arts and Humanities
- ❖ Multidisciplinary Studies



# **STEM**: Algebra II, Chemistry, and Physics

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## ***Math Option (Alg I / Geometry / Alg II)***

**PLUS (2 math courses beyond  
Algebra II)**

- ☐ Precal
- ☐ AP Calculus/IS  
Math/Statistics

## ***Science Option***

***(Biology / Chemistry /  
Physics I)***

***PLUS***

- ☐ Anatomy and Physiology
- ☐ Environmental Systems

## ***Combination Option***

***(Algebra II / Chemistry /  
Physics I)***

- ☐ Advanced Math or Science
- ☐ Advanced Math or Science
- ☐ Advanced Math or Science

# *Business and Industry*

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## ***Agriculture, Food and Natural Resources CTE Option (4 credits)***

- ☐ Principles of Agriculture, Food and Natural Resources
- ☐ Agriculture Mechanics, & Metal Technologies
- ☐ Agricultural Facilities, Design and Fabrication
- ☐ Advanced Animal Science or Practicum

# *Public Services*

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## ***Health Services CTE Option (4 credits)***

- ☐ Principles of Health Science
- ☐ Health Science
- ☐ Anatomy and Physiology
- ☐ 4<sup>th</sup> Course TBD

## ***Government and Public Administration CTE Option (4 credits)***

- ☐ Principles of Government and Public Administration
- ☐ Political Science or Public Management and Administration
- ☐ Political Science II
- ☐ 4<sup>th</sup> Course TBD

# Arts and Humanities

***Social Studies Option (5 Social Studies Credits including the three already required on the Foundation plan)***

***LOTE Option***

☐ LOTE 1 2 3 4  
(\_\_\_\_\_)

**OR**

☐ LOTE 1 2 (Lang. 1-  
\_\_\_\_\_)

☐ LOTE 1 2 (Lang. 2-

***Fine Arts Option***

☐ Fine Art 1 2 3 4  
(\_\_\_\_\_)

**OR**

☐ Fine Art 1 2 (FA#1-  
\_\_\_\_\_)

☐ Fine Art 1 2 (FA #2-  
\_\_\_\_\_)

**English Option**

Fine Art Courses offered:

Band

Theatre

Art

Spanish

New Language?????

Computer Programming????

# *Multidisciplinary Studies:*

Four math and four science (beyond Biology and Chemistry and/or Physics) credits

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## **PLUS**

### ***Four x Four Option***

- ☐ English IV
- ☐ Additional Math \_\_\_\_\_
- ☐ Additional Science \_\_\_\_\_
- ☐ Additional Social Studies \_\_\_\_\_

### ***Dual Credit Option***

DC Course   ☐ 1   ☐ 2   ☐ 3   ☐ 4