

# Foundation High School Program + Endorsement



Graduation Requirement  
and  
Endorsement Options

# General Information

- ▶ Ninth graders entering high school in fall 2014 (Class of 2018) will graduate under the Foundation High School Program (FHSP) AND earn an endorsement.



# What is an endorsement?



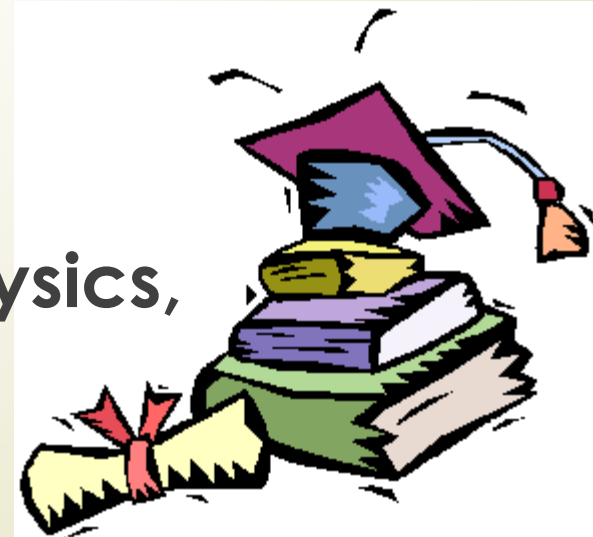
- ▶ A new, specialized pathway to graduation that focuses on different courses of study

# General Information

- ▶ **A ninth grader indicates in writing an endorsement that the student intends to earn.**
- ▶ **A district must permit a student to choose to earn an endorsement other than the one the student previously indicated.**

# FHSP – Course Requirements

- ▶ English – 4 credits
  - ▶ English I, II, III, & Advanced English
- ▶ PACE – ½ credit/HEALTH – ½ credit
- ▶ Mathematics – 3 credits
  - ▶ Algebra I, Geometry, & Advanced Math
- ▶ Science – 3 credits
  - ▶ Biology, IPC/Chemistry/Physics, & Advanced Science



# FHSP – Course Requirements

- **Social Studies – 3 credits**
  - **World Geography OR World History**
  - **US History**
  - **Government (1/2) & Economics (1/2)**
- **Languages Other than English – 2 credits in the same language**



# FHSP – Course Requirements

- Physical Education – 1 credit
- Health – 1/2 credit
- Fine Arts – 1 credit
- Electives – 4 credits

**Total = 22 credits**



# +Endorsement

- ▶ One additional math credit
- ▶ One additional science credit
- ▶ Two additional electives

**FHSP + Endorsement = 26 credits**





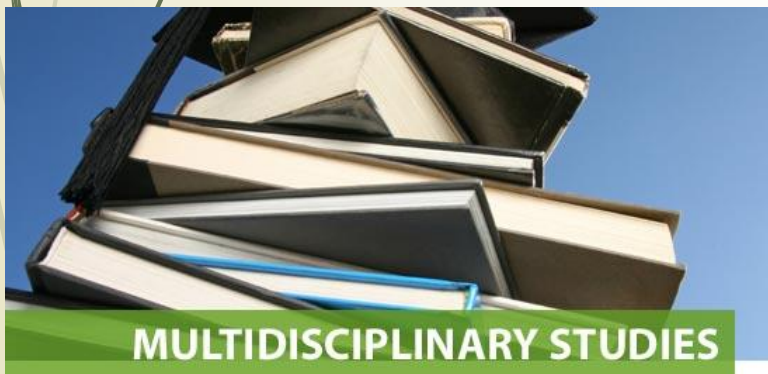
# Endorsements

- ▶ A student may earn an endorsement by successfully completing:
    - ▶ FHSP requirements;
    - ▶ curriculum for the specific endorsement;
    - ▶ four math credits;
    - ▶ four science credits; and
    - ▶ two additional electives.
- TOTAL = 26 credits**



# Five Endorsements

- ▶ STEM (Science, Technology, Engineering, Math)
- ▶ Business & Industry
- ▶ Public Services
- ▶ Arts & Humanities
- ▶ Multidisciplinary Studies



# STEM



- ▶ **The STEM endorsement must include**

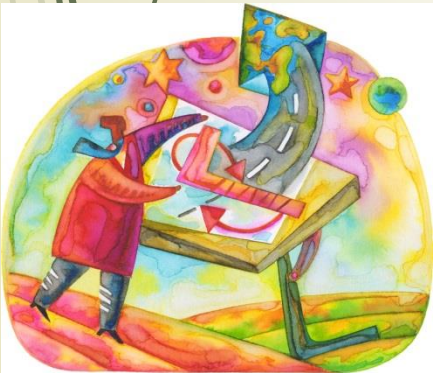
- ▶ **Algebra II,**
- ▶ **Chemistry, and**
- ▶ **Physics**

regardless of the option the student chooses to meet the endorsement requirements.

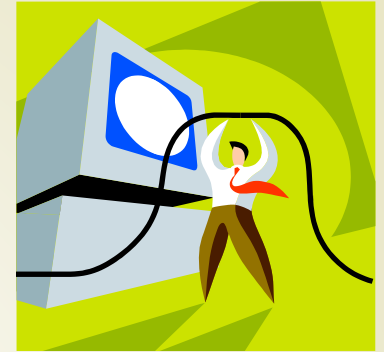
- ▶ **Many STEM fields of study at the postsecondary level require prerequisite knowledge in advanced mathematics, chemistry, and physics.**

# STEM(con't.)

- ▶ A STEM endorsement also includes
  - ▶ **Advanced Math courses such as Pre-Calculus, Statistics, etc.**
  - ▶ **Advanced Science courses such as Chemistry AP, Anatomy & Physiology, etc.**
  - ▶ **Computer Science courses such as Computer Programming K, Computer Science AP, etc.**



# Business & Industry



- ▶ **The Business & Industry endorsement includes courses from the following career clusters:**
  - ▶ **Agriculture, Food and Natural Resources**
  - ▶ **Architecture and Construction**
  - ▶ **Arts, Audio/Video Technology, and Communication**
  - ▶ **Business Management and Administration**
  - ▶ **Finance**

# Business & Industry (con't)

- Hospitality and Tourism
- Information Technology
- Manufacturing
- Marketing
- Transportation, Distribution, and Logistics
- It also includes English courses
  - Advanced Journalism, Public Speaking, and Debate



# Public Services

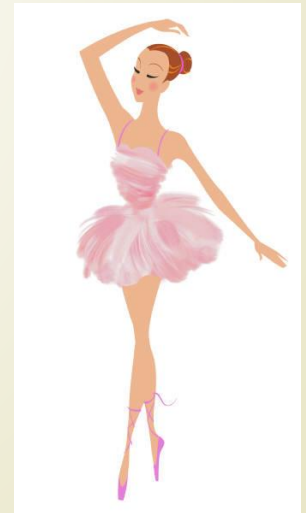
- ▶ A Public Service endorsement includes courses from the following career clusters:
  - ▶ Education and Training
  - ▶ Health Science
  - ▶ Human Services
- ▶ 4 years of JROTC



# Arts and Humanities

- ▶ **An Arts and Humanities endorsement includes courses from**
  - ▶ **Social Studies**
  - ▶ **Foreign Language**
  - ▶ **Fine Arts**

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# Multidisciplinary Studies

- ▶ **A Multidisciplinary Studies endorsement includes**
  - ▶ **Four courses from each content area (4X4): English, Math, Science, Social Studies**
- ▶ **Earn credits in a variety of advanced courses from multiple content areas**



# EXAMPLE – Business & Industry, option 1: CTE – Ag, Food & Natural Resources


Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: World History or World Geography, Foreign Language, Fines Arts, PE and Health

| Periods | High School Credits Earned in Middle School | 9th Grade              | 10th Grade                      | 11th Grade         | 12th Grade                            |
|---------|---|------------------------|---------------------------------|--------------------|---------------------------------------|
| 1       |   | English I L            | English II L                    | English III L      | English IV L                          |
| 2       |   | Math: Algebra I        | Math: Geometry L                | Math: Algebra II L | Math: Advanced Algebra                |
| 3       |   | Biology L              | Science: Chemistry L            | Science: Physics L | Science: Advanced Animal              |
| 4       |   | PACE (.5)/ Health (.5) | World History L                 | U.S. History L     | Government (.5) L<br>Economics (.5) L |
| 5       |   | Football I             | Football II                     | Football III       | Football IV                           |
| 6       |   | Spanish I              | Spanish II                      | Vet Med            | Practicum in Ag                       |
| 7       |   | Principles of Ag       | Wildlife (.5)/Small Animal (.5) | Floral Design      | ↓                                     |

# Example – STEM, Option 2 - CTE

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: World History or World Geography, Foreign Language, Fines Arts, PE and Health


| Periods | High School Credits Earned in Middle School | 9th Grade              | 10th Grade           | 11th Grade            | 12th Grade                            |
|---------|---|------------------------|----------------------|-----------------------|---------------------------------------|
| 1       |   | English I L            | English II L         | English III L         | English IV L                          |
| 2       |   | Math: Algebra I        | Math: Geometry K     | Math: Algebra II K    | Math: Pre-Calculus K                  |
| 3       |   | Biology K              | Science: Chemistry K | Science: AP Physics I | Science: Eng. Design & PS K           |
| 4       |   | PACE (.5)/ Health (.5) | Robotics             | U.S. History L        | Government (.5) L<br>Economics (.5) L |
| 5       |   | Football I             | Football II          | Football III          | Football IV                           |
| 6       | Spanish I                                   | Spanish II             | Spanish III K        | Engineering Design    | Advanced Engineering Design           |
| 7       | Concepts of Engineering                     | World Geography L      | Art I D/P            | Electronics           | ↓                                     |



The Distinguished Achievement Program (DAP) goes beyond the Foundation and Endorsement Plan. It requires advanced schoolwork that reflects college- or professional-level skills. To earn this honor, you must complete:

- ▶ a total of four credits in mathematics, which must include Algebra 2
- ▶ a total of four credits in Science

# Distinguished Achievement Program



# Distinguished Achievement Program (cont.)

- ▶ the remaining curriculum requirements
- ▶ The curriculum requirements for at least one endorsement

A student must earn distinguished level of achievement to be eligible for top 10% automatic admission.



# Foundation High School Program + Endorsement

➡ Question and Answer  
Period

