

## SHS ENDORSEMENT OPTIONS & PROGRAMS OF STUDY

To earn an endorsement a student must complete the FHSP and earn 26 credits to include: an additional math credit (Alg II), an additional science credit, and two additional elective credits.

STEM ENDORSEMENT			
Math - SHS			
Algebra 1	Geometry	Algebra II	2 Additional Math Credits
<b>Additional Math Courses:</b> Algebraic Reasoning, Precalculus, Dual/Precalculus Honors, AP Calculus, Statistics, OR Statistics			
Science - SHS			
Biology	Chemistry	Physics	2 Additional Science Credits
<b>Additional Science Courses:</b> Anatomy & Physiology, Environmental Systems, AP Environmental Systems, OR Biology, Advanced Animal Science (animal studies program of study), Forensic Science (criminal justice program of study), DC Biology			
BUSINESS AND INDUSTRY ENDORSEMENT			
Business Entrepreneurship			
8th/9th Grade- Principles of Business, Marketing & Finance	9th/10th Grade- Entrepreneurship I	11th/12th Grade- Entrepreneurship II	12th Grade- Practicum of Entrepreneurship (double block)
Business Marketing and Sales			
8th/9th Grade- Principles of Business, Marketing & Finance	9th/10th Grade- Entrepreneurship I and/or Digital Design & Multimedia	11th/12th Grade- Social Media Marketing and Sports Entertainment Marketing (.5 semester each)	12th Grade- Practicum of Entrepreneurship (double block)
Digital Communications			
8-12th Grade- Prin. of AV (8th), Digital Design & Multimedia and Professional Communications	10-12th Grade- A/V Production 1 w/Lab (double block) Entrepreneurship I	11th/12th Grade- A/V Production 2 w/Lab (double block)	12th Grade- Practicum of A/V Production (double block)
8-12th Grade- Prin. of AV (8th), Digital Design & Multimedia	10-12th Grade- Graphic Design and Illustration 1 w/ Lab (double block) Entrepreneurship I	11th/12th Grade- Graphic Design and Illustration 2 w/ Lab (double block)	12th Grade- Practicum of Graphic Design and Illustration (double block)

## BUSINESS AND INDUSTRY ENDORSEMENT

### Distribution, Logistics and Warehousing

9-12th Grade-  
Entrepreneurship I

10-12th Grade-  
Small Engine Technology I and  
Automotive Basics

11th/12th Grade-  
Principles of Distribution &  
Logistics, Management  
Transportation System

12th Grade-  
Practicum of Distribution and  
Logistics (triple block)

### Automotive and Collision Repair

9-12th Grade-  
Entrepreneurship I

10-12th Grade-  
Small Engine Technology I  
and Automotive Basics

11th/12th Grade-  
Automotive Technology I  
(double block)

12th Grade-  
Automotive Technology II  
(triple block)

### Engineering Foundations

9-12th Grade-  
Engineering & Design  
Presentation I

10-12th Grade-  
Robotics I

11th/12th Grade-  
Robotics II

12th Grade-  
Engineering & Design  
Presentation II

### Drones

9-12th Grade-  
Engineering & Design  
Presentation I

10-12th Grade-  
Robotics I

11th/12th Grade-  
Introduction to UAV  
(Drones)

12th Grade-  
Robotics II and/or Practicum  
of Manufacturing (double  
block)

### Culinary Arts

8th/9th Grade-  
Entrepreneurship I  
(Suggested)

10-12th Grade-  
Introduction to Culinary Arts

10-12th Grade-  
Culinary Arts (double block)

12th Grade-  
Advanced Culinary Arts or  
Practicum of Culinary Arts  
(double block)

### Ag Technologies & Mechanical Systems (Welding)

8th/9th Grade-  
Principles of Agriculture

9-12th Grade-  
Ag Mechanics & Metal  
Technologies

10-12th Grade-  
Agriculture Structures  
Design (with or without Lab)

11th/12th Grade-  
Agriculture Equipment Design &  
Fabrication (with or without Lab) or  
Practicum in Agriculture (12th only)  
(double block)

### Animal Science

8th/9th Grade-  
Principles of Agriculture  
and Entrepreneurship I

9-12th Grade-  
Small Animal Management  
& Equine Science  
and/or Livestock Production

11th/12th Grade-  
Veterinary Medical  
Applications

12th Grade-  
Advanced Animal Science  
and/or Practicum in  
Agriculture (double block)

### Plant Science

8th/9th Grade-  
Principles of Agriculture

10-12th Grade-  
Greenhouse Operations  
and Entrepreneurship I

11th/12th Grade-  
Principles & Elements of Floral  
Design (PREREQ must have  
principles of Ag & Greenhouse  
Operations)  
/ Advanced Floral Design

12th Grade-  
Advanced Floral Design/  
Practicum in Agriculture  
(double block)

## PUBLIC SERVICES ENDORSEMENT

### Teaching and Community Service

<i>8th/9th Grade-</i> Lifetime Nutrition & Wellness & Interpersonal Studies (.5 each), Entrepreneurship I	<i>9-12th Grade-</i> Human Growth & Development	<i>11th/12th Grade-</i> Family and Community Services	<i>12th Grade-</i> Practicum in Human Services (double block)
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### Diagnostic and Therapeutic Services

<i>9-12th Grade-</i> Principles of Health Science	<i>9-12th Grade-</i> Medical Terminology	<i>11th/12th Grade-</i> Health Science Clinical & Theory (double block) <b>and</b> Anatomy & Physiology	<i>12th Grade-</i> Practicum in Health Science (CNA, Phlebotomy, Radiological Tech, OT, PT, or Speech Therapy)(double block)
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### Exercise Science, Wellness and Restoration

<i>9-12th Grade-</i> Principles of Exercise & Wellness <b>OR</b> Principles of Health Science and Entrepreneurship I	<i>10th-12th Grade-</i> Kinesiology 1 and Lifetime Nutrition & Wellness and Interpersonal Studies (.5 semester each) and/or Medical Terminology	<i>11th/12th Grade-</i> Kinesiology 2 and Athletic Student Trainer (Capstone)	<i>12th Grade-</i> Athletic Student Trainer Practicum and Anatomy & Physiology
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### Criminal Justice/Law Enforcement

<i>8th/9th Grade-</i> Principles of Law and Public Safety	<i>10th-12th Grade</i> Law Enforcement I	<i>11th/12th Grade-</i> Criminal Investigations Law Enforcement II	<i>12th Grade-</i> Practicum of Law and Public Safety (double block)  Forensic Science -( <b>PREREQ-</b> bio & chem, crim investigation)
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### Emergency Services - LaGrone/NCTC \*\*Application Process/Dual Credit Courses (Takes up 3 class periods)

<i>9th/10th Grade-</i> Principles of Law and Public Safety <b>OR</b> Principles of Health Science (Recommended)	<i>11th/12th Grade-</i> Firefighter 1	<i>12th Grade-</i> Firefighter 2	<i>12th Grade-</i> Emergency Medical Technician, Anatomy & Physiology
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### Cosmetology

<i>9th/10th Grade-</i> Entrepreneurship I		<i>11th/12th Grade-</i> Introduction to Cosmetology and Cosmetology 1 with Lab	<i>12th Grade-</i> Principles of Design & Color and Esthetics and Cosmetology 2 with Lab
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## ARTS AND HUMANITIES ENDORSEMENT

### Social Studies

World Geography	World History	US History	Government & Economics (semester courses)
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1 Additional Social Studies Course: Psychology and AP Psychology (semester courses)

## ARTS AND HUMANITIES ENDORSEMENT

### LOTE - Same Language

Spanish I	Spanish II	Spanish III Honors	Spanish IV AP
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### LOTE - Different Languages

Spanish I	Spanish II	Computer Science I	Computer Science II
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### Art

Art I	Art II - Drawing or Art II - Painting	Art III	Art IV or AP Studio Art
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### Band

Band I	Band II	Band III	Band IV
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### Theater Arts

Theater I or Tech Theater I	Theater II or Tech Theater II	Theater III /Tech Theater III	Theater IV/ Tech Theater IV
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### Choir

Choir I	Choir II	Choir III	Choir IV
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## MULTIDISCIPLINARY ENDORSEMENT

### Four Cores (4x4)

Four credits in each of the four foundation subject areas (core classes) to include English IV and Chemistry and/or Physics and 6 elective credits.

## ACADEMIC ELECTIVE CHOICES

### SHS

Psychology and/or AP Psychology	Partner PE or Partner Theatre	Yearbook	Student Council
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### Dual Credit

Speech DC	Learning Frameworks DC		
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Art Appreciation DC	Tx Government DC		
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