

# Arts & Humanities Endorsement

## Fine Arts – Option #1

9th grade	Level 1 of a fine arts program
10th grade	Level 2 of a fine arts program
11 <sup>th</sup> grade	Level 3 of a fine arts program
12 <sup>th</sup> grade	Level 4 of a fine arts program

## Fine Arts – Option #2

9th grade	Level 1 of a fine arts program
10th grade	Level 2 of a fine arts program
11 <sup>th</sup> grade	Level 1 of a 2 <sup>nd</sup> fine arts program
12 <sup>th</sup> grade	Level 2 of the 2 <sup>nd</sup> fine arts program

## Languages Other Than English – Option #1

9th grade	Level 1 of a foreign language
10th grade	Level 2 of a foreign language
11 <sup>th</sup> grade	Level 3 of a foreign language
12 <sup>th</sup> grade	Level 4 of a foreign language

## Languages Other Than English – Option #2

9th grade	Level 1 of a foreign language
10th grade	Level 2 of the chosen foreign language
11 <sup>th</sup> grade	Level 1 of a 2 <sup>nd</sup> foreign language
12 <sup>th</sup> grade	Level 2 of the 2 <sup>nd</sup> chosen foreign language

## Languages Other Than English – Option #3

9th grade	Level 1 of American sign language
10th grade	Level 2 of American sign language
11 <sup>th</sup> grade	Level 3 of American sign language
12 <sup>th</sup> grade	Level 4 of American sign language

## Social Studies

9 <sup>th</sup> grade	World Geography
10 <sup>th</sup> grade	U.S. History
11 <sup>th</sup> grade	World History and another social studies elective
12 <sup>th</sup> grade	Government (.5 credit) & Economics (.5 credit)

## English\*

9 <sup>th</sup> grade	English I
10 <sup>th</sup> grade	English II
11 <sup>th</sup> grade	English III
12 <sup>th</sup> grade	Advanced English

\* In addition to English I, II, & III, the student must also complete 3 additional English elective credits for this endorsement option.

# Business & Industry Endorsement

## Ag Science – Animal Pathway

9th grade	Principles of Agriculture (1 credit)
10th grade	Small Animal Mgmt. (.5 credit) & Money Matters (.5 credit)
11 <sup>th</sup> grade	Equine Science (.5 credit) & Livestock Production (.5 credit)
12 <sup>th</sup> grade	Advanced Animal Science (1 credit)

## Ag Science – Mechanical Pathway

9th grade	Principles of Agriculture (1 credit)
10th grade	Ag Facilities Design & Fabrication (1 credit)
11 <sup>th</sup> grade	Agriculture Mechanics and Metal Technologies (1 credit)
12 <sup>th</sup> grade	Agricultural Welding & Power (1 – 2 credits)

## Architecture & Construction – Construction Management

9th grade	Principles of Architecture/Constr. (.5 credit) & Money Matters (.5 credit)
10th grade	Engineering Design & Presentation (1 credit)
11 <sup>th</sup> grade	Construction Management (1 credit)
12 <sup>th</sup> grade	Agricultural Welding & Power (1- 2 credits)

## Architecture & Construction – Electrical

9th grade	Principles of Architecture/Constr. (.5 credit) & Money Matters (.5 credit)
10th grade	Construction Management (1 credit)
11 <sup>th</sup> grade	Electrical Technology (1 credit)
12 <sup>th</sup> grade	Advanced Electrical Technology (2 credits)

## Architecture & Construction – HVAC

9th grade	Principles of Architecture/Constr. (.5 credit) & Money Matters (.5 credit)
10th grade	Construction Management (1 credit)
11 <sup>th</sup> grade	HVAC (1 credit)
12 <sup>th</sup> grade	Advanced HVAC (2 credits)

## Arts, A/V, & Communications - Animation

9 <sup>th</sup> grade	Principles of Audio Video (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Digital & Interactive Media (1 credit)
11 <sup>th</sup> grade	Animation (1 credit)
12 <sup>th</sup> grade	Advanced Animation (2 credits)

## Arts, A/V, & Communications - Audio Video Production

9 <sup>th</sup> grade	Principles of Audio Video (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Audio Video Production (1 credit)
11 <sup>th</sup> grade	Advanced Audio Video Production (2 credits)
12 <sup>th</sup> grade	Practicum in Audio Video (2 credits)

# Business & Industry Endorsement, continued

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## Arts, A/V, & Communications – Graphic Arts

9 <sup>th</sup> grade	Principles of Audio Video (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Graphic Design (1 credit)
11 <sup>th</sup> grade	Digital & Interactive Media (1 credit)
12 <sup>th</sup> grade	Web Technologies (1 credit)

## Arts, A/V, & Communications – Yearbook

9 <sup>th</sup> grade	Principles of Audio Video (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Yearbook I (1 credit)
11 <sup>th</sup> grade	Yearbook II (1 credit)
12 <sup>th</sup> grade	Yearbook III (1 credit)

## Business Management

9 <sup>th</sup> grade	Principles of Business (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Business Information Management (1 credit)
11 <sup>th</sup> grade	Accounting (1 credit) or Business Information Mgmt II (1 credit)
12 <sup>th</sup> grade	Business Mgmt – Homeland Security (1 credit)

## Finance

9 <sup>th</sup> grade	Principles of Business (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Business Information Management (1 credit)
11 <sup>th</sup> grade	Accounting (1 credit)
12 <sup>th</sup> grade	Accounting II (1 credit)

## Hospitality – Culinary Arts

9 <sup>th</sup> grade	Lifetime Nutrition (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Principles of Hospitality – Fundamentals of Baking (1 credit)
11 <sup>th</sup> grade	Culinary Arts I (2 credits)
12 <sup>th</sup> grade	Culinary Arts II (2 credits)

## Information Technology

9 <sup>th</sup> grade	Principles of Information Technology (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Digital & Interactive Media (1 credit)
11 <sup>th</sup> grade	Graphic Design (1 credit)
12 <sup>th</sup> grade	Web Technologies (1 credit)

## Manufacturing – Welding

9 <sup>th</sup> grade	Principles of Arch. & Construction (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Principles of Manufacturing (1 credit)
11 <sup>th</sup> grade	Welding I (2 credits)
12 <sup>th</sup> grade	Advanced Welding (2 credits)

## Marketing

9 <sup>th</sup> grade	Principles of Business (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Entrepreneurship (.5 credit) & Fashion Mktg or Sports Mktg (.5 credit)
11 <sup>th</sup> grade	Business Information Mgmt (1 credit)
12 <sup>th</sup> grade	Accounting (1 credit)

## Transportation – Automotive Technology

9 <sup>th</sup> grade	Principles of Transportation (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Automotive Technology (2 credits)
11 <sup>th</sup> grade	Advanced Automotive Technology (2 credits)
12 <sup>th</sup> grade	Automotive Technology Practicum (2 credits)

## Transportation – Collision Repair

9 <sup>th</sup> grade	Principles of Transportation (.5 credit) & Money Matters (.5 credit)
10 <sup>th</sup> grade	Collision Repair & Refinishing (2 credits)
11 <sup>th</sup> grade	Advanced Collision Repair & Refinishing (2 credits)
12 <sup>th</sup> grade	Collision Repair Practicum (2 credits)

## Transportation – Maritime

9 <sup>th</sup> grade	Principles of Transportation – Maritime (1 credit)
10 <sup>th</sup> grade	Energy, Power, & Transportation – Maritime (1 credit)
11 <sup>th</sup> grade	Transportation Systems Management (1 credit)
12 <sup>th</sup> grade	Maritime Practicum (2 credits)

# Public Services Endorsement

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## Education & Training

9th grade	Principles of Education & Training (.5 credit) & Money Matters (.5 credit)
10th grade	Human Growth & Development (1 credit)
11 <sup>th</sup> grade	Child Development (.5 credit) & Psychology (.5 credit)
12 <sup>th</sup> grade	Child Guidance (1 credit)

## Health Science

9th grade	Principles of Human Services (.5 credit) & Money Matters (.5 credit)
10th grade	Principles of Health Science (1 credit)
11 <sup>th</sup> grade	Health Science (1 credit)
12 <sup>th</sup> grade	Medical Billing & Coding (1 credit)

## Human Services – Child Development

9th grade	Principles of Human Services (.5 credit) & Money Matters (.5 credit)
10th grade	Child Development (.5 credit) & Lifetime Nutrition (.5 credit)
11 <sup>th</sup> grade	Child Guidance (1 credit)
12 <sup>th</sup> grade	Counseling & Mental Health (1 credit)

## Human Services - Cosmetology

9th grade	Principles of Human Services (.5 credit) & Money Matters (.5 credit)
10th grade	Fashion Marketing (.5 credit) & Lifetime Nutrition (.5 credit)
11 <sup>th</sup> grade	Cosmetology I (3 credits)
12 <sup>th</sup> grade	Cosmetology II (3 credits)

## Law Enforcement & Public Safety - ROTC

9th grade	ROTC I (1 credit)
10th grade	ROTC II (1 credit)
11 <sup>th</sup> grade	ROTC III (1 credit)
12 <sup>th</sup> grade	ROTC IV (1 credit) & Bus. Mgmt. Homeland Security (1 credit)

# Science, Technology, Engineering, & Mathematics (STEM) Endorsement

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To receive the STEM Endorsement, a student must complete:

- Physics
- Chemistry
- Algebra II **and**
- One of the coherent sequences below

## Advanced Math – Option 1\*

9th grade	Geometry
10th grade	Algebra II
11 <sup>th</sup> grade	Precalculus
12 <sup>th</sup> grade	AP Calculus <b>or</b> AP Statistics <b>or</b> Dual Enrollment College Algebra/Finite Math

\*Students must take Algebra I in 8<sup>th</sup> grade to complete this coherent sequence.

## Advanced Math – Option 2

9th grade	Algebra I
10th grade	Geometry
11 <sup>th</sup> grade	Algebra II
12 <sup>th</sup> grade	Algebra III <b>and</b> Precalculus

## Advanced Science

9th grade	Biology
10th grade	Chemistry
11 <sup>th</sup> grade	Physics
12 <sup>th</sup> grade	2 additional science classes

## Engineering

9th grade	Principles of Architecture/Construction (.5 credit) & Money Matters (.5 credit)
10th grade	Engineering Design & Presentation (1 credit)
11 <sup>th</sup> grade	Principles of Technology (1 credit)
12 <sup>th</sup> grade	Engineering Design & Problem Solving (1 credit)