**GHS Course Sequences for Endorsement Pathways**

**STEM Endorsement:**

* STEM Mathematics Pathway (5 Math credits)

Honors/PAP Algebra I

Honors/PAP Geometry

Honors/PAP Algebra II

Honors/PAP Pre-Calculus

AP Calculus OR DC Algebra, Trig, or Stats

* STEM Science Pathway (5 Science credits)

Honors/PAP Biology

Honors/PAP Chemistry

Honors/PAP Physics

Honors Science Class

Honors Science Class

* STEM Engineering Pathway

Principles of Applied Engineering

Engineering Design & Presentation 1

Engineering Design & Presentation 2

Engineering Design & Problem Solving

**Public Service Endorsement:**

* Education & Training

Principles of Education

Child Development

Human Growth & Development

Practicum in Education (2 credits)

* Hospitality & Tourism: Culinary Arts

Introduction to Culinary Arts

Culinary Arts (2 credits)

Adv. Culinary Arts (2 credits)

Practicum in Culinary Arts (2 credits)

* Health Science

Principles of Health Science

Health Science Theory

Medical Terminology

Practicum in Health Science (2 credits)

* Human Services: Cosmetology

Cosmetology I (NCTC – 3 credits, 11th grade)

Cosmetology II (NCTC – 3 credits, 12th grade)

* Law, Public Safety, & Corrections: Law Enforcement

Principles of Law, Public Safety, & Corrections

Law Enforcement 1

Law Enforcement 2

Practicum in Law Enforcement (2 credits)

* Law, Public Safety, & Corrections: Fire Fighter

Principles of Law, Public Safety, & Corrections

Law Enforcement 1

Fire Fighter 1 (2 credits)

Fire Fighter 2 (2 credits)

**Arts & Humanities Endorsement:**

* Foreign Language: Spanish

Spanish 1

Spanish 2

Spanish 3 – Honors

Spanish 4 - Honors

* Fine Arts: 4 Years in One Discipline: Band, Choir, Art, Theatre

Level 1

Level 2

Level 3

Level 4

* Fine Arts: 2 Years in 2 Disciplines: Band, Choir, Art, Theatre

Level 1 – 1st Fine Art Choice

Level 2 – 1st Fine Art Choice

Level 1 – 2nd Fine Art Choice

Level 2 – 2nd Fine Art Choice

**Business and Industry Endorsement:**

* Agriculture: Horticulture (Plants & Floral)

Principles of Agriculture

Floral Design

Horticulture Science

Advanced Floral Design

* Agriculture: Animal Science

Principles of Agriculture

Small Animal Mgt./Equine Science

Veterinary Medical Application

Advanced Animal Science

* Agriculture: Mechanics

Principles of Agriculture

Ag Mechanics & Metal Tech. (2 credits)

Agricultural Structural Design (2 credits)

* Architecture & Construction

Principles of Construction

Construction Technology 1 (2 credits)

Construction Technology 2 (2 credits)

* Architecture & Construction: HVAC

Principles of Architecture (NCTC)

HVAC/Refrigeration (NCTC – 2 credits)

Adv. HVAC/Refrigeration (NCTC – 2 credits)

* Communication: Audio/Video Production

Principles of Arts, Audio/Video Tech

Audio Video Production 1

Audio Video Production 2

* Auto Mechanics

Auto Basics

Automotive Technology 1 (2 credits)

Automotive Technology 2 (2 credits)

Practicum in Transportation (2 credits)

* Finance

Principles of Business, Marketing, & Finance

Money Matters

Accounting 1

Accounting 2

* Manufacturing: Welding

Principles of Architecture (NCTC)

Welding (NCTC – 2 credits)

Adv. Welding (NCTC – 2 credits)

* Manufacturing: Metal Manufacturing

Principles of Architecture (NCTC)

Precision Metal Manufacturing (NCTC – 2 credits)

Adv. Precision Metal Manufacturing (NCTC – 2 credits)