# FRANKLIN COUNTY SCHOOL 2022-2023



# **Course Catalog**Grades 6 - 12

APPROVED BY THE FRANKLIN COUNTY SCHOOL BOARD ON 07/28/2022

#### How Schedules are Developed...

Each year, the Franklin County School curriculum is evaluated and modified based on input provided by the faculty, students, and parents. New courses are introduced, and other courses are deleted in order to provide the best educational environment possible.

Developing a schedule involves a series of steps designed to enable students and parents to make careful and informed selections for the most appropriate courses. Course selection should be based upon a student's academic ability and performance coupled with required prerequisites and teacher recommendations.

#### The process will include:

- First Period Teachers will review the course catalog with students.
- Students and parents should carefully read the course descriptions and prerequisites before making academic decisions.
- Registration forms will be completed during registration parent night, homeroom or at home.
- Four (4) core courses and five (5) electives should be reflected on the final registration form.
- Electives should be ranked from 1-6 with 1 being most preferred.
- Students should log into their FOCUS account to enter course requests for the 2022-23 SY

Once courses have been selected, the registration form becomes a commitment to remain in the chosen classes. Every effort will be made to accommodate the selections indicated; however, the following factors may affect the student's final schedule:

- 1. An elective course offering not requested by a sufficient number of students may be cancelled
- 2. A course request that conflicts (for example, same period) with another course request.
- 3. The prerequisite for the course has not been met.
- 4. Remediation needs as evidenced by student's FSA/EOC scores and legislative mandates.
- 5. If unforeseen circumstances affect long-range plans, students and parents may request schedule changes involving academic choices. Elective courses are rarely offered several times a day, therefore, once the master schedule is set for the current year, students will be expected to stay with the elective courses selected at the time of registration.
- 6. Once the school year has begun, the only adjustments to a student's schedule will be made the first week of school and must be approved by administration and parents.

#### POLICY FOR SCHEDULE CHANGES

- The student must list a **valid educational reason** for requesting a schedule change.
- The parent will need to sign the schedule change form, as well as the administrator.
- This process must be completed, and the form returned during the first 5 days of school or changes will not be made.

## FRANKLIN COUNTY SCHOOL MIDDLE GRADES CURRICULUM PROGRESSION PLAN

Note: Course offerings are subject to change.

6 <sup>th</sup>	7th	8th
M/J Language Arts 1	M/J Language Arts 2	M/J Language Arts 3
M/J World History	M/J US History (up to Civil War)	M/J US History (Up to Civil War)
M/J Grade 6 Mathematics	M/J Grade 7 Mathematics	*Algebra I Pre-Algebra
M/J Comp Sci 1	M/J Comp Sci 2	M/J Comp Sci 3
Business Keyboarding	Career Research and Decision Making	Elective- Life Science
PE	PE	*HOPE
Remediation//Geography	Remediation/Digital Tools	Remediation/*Intro. To Hospitality/*Weight Training

<sup>\*</sup>HS courses in MS for HS credit, acceleration pts

**Graduation Requirements** 

A CREDIT PROGRAM STANDARD DIPLOMA   SCIIOLAR DESIGNATION   (In addition to 24 Credit Standard Diploma Requirements. Note: The Scholar Designation is not required for a student to graduate.)		Graduation Requ	irements
Finglish 1, 2, 3, 4			(In addition to 24 Credit Standard Diploma Requirements.  Note: The Scholar Designation is not required for a student to
-including Algebra I or its equivalent and Geometry  Science  3 required -Including Biology 1 and two credits in equally rigorous science coursesTwo credits must have a laboratory component.  Social Studies  World History, United States History, United States Government (.5 credit), and Economics (.5 credit)  Practical or Fine Arts  Physical Education -Personal Fitness (.5 credit) -Plus P.E. (.5 credit) or Weightifting (.5 credit)  World Language  Not required for graduation, but at least 2 of the same language are required for admission to a four-year college or university  Electives  8 required Online/Virtual Courses  Minimum Graduation Credit Requirement  18-Credit Option  Three elective credits instead of 8; Physical Education is not required, Online/Virtual Course not required. At least 18 credits; Four elective credits instead of 8. TWO credits in CTE courses must result in completion and industry certification & TWO credits in sort required. Online/Virtual Courses must result in completion and industry certification & TWO credits in sort required, Online/Virtual Courses in cutding financial literacy. Physical Education is not required; Online/Virtual Courses must result in completion and industry certification & TWO credits in sort required, Online/Virtual Course must set to other graduation requirements for 24-credit standard diploma credits must be met (per Florida Statute.)  Three elective credits instead of 8. Physical Education is not required; Online/Virtual Course must result in completion and industry certification & TWO credits in not required; Fire and Performing Arts, Speech and Debate or Practical Arts is not required; Online course is not required.  Merit Designation  Must pass Florida Standards Assessment (FSA) Grade 10 ELA Assessment (or earn concordant ACT or SAT score) and Algebra 1 EOC exam (or earn GOMETRY EOC passing score or earn concordant ACT or PSAT score) and Algebra 1 EOC exam (or earn GOMETRY EOC passing score or earn concordant ACT or PSAT score) and Algebra 1 EOC exam (or	English	· -	3
-Including Biology I and two credits in equally rigorous science coursesTwo credits must have a laboratory component.  Social Studies  Social Studies  World History, United States History, United States Government (.5 credit), and Economics (.5 credit) -I required -In Fine, Performing or Practical Arts  Physical Education -Puss P.E. (.5 credit) or Weightlifting (.5 credit) -Plus P.E. (.5 credit) -Plus P.	Mathematics	-including Algebra I or its equivalent and	-1 credit in Statistics or equally rigorous mathematics course
World History, United States History, United States Government (.5 credit), and Economics (.5 credit).  Practical or Fine Arts	Science	-Including Biology I and two credits in equally rigorous science courses.	-1 credit in Chemistry or Physics -1 Credit in a course equally rigorous to Chemistry or
Physical Education	Social Studies	World History, United States History, United States Government (.5 credit), and Economics	-Pass the United States History EOC
Personal Fitness (.5 credit)			
the same language are required for admission to a four-year college or university  Electives  8 required  Online/Virtual Courses  At least one course within the above 24 credits must be completed through online learning.  Minimum Graduation Credit Requirement  Three elective credits instead of 8; Physical Education is not required; Online/Virtual Course not required. All other graduation requirements for 24-credit standard diploma credits must be met (per Florida Statute.)  CTE Pathway Option  At least 18 credits; Four elective credits instead of 8 - TWO credits in CTE courses must result in completion and industry certification & TWO credits in work-based learning programs or up to TWO elective credits including financial literacy; Physical Education is not required; Fine and Performing Arts, Speech and Debate or Practical Arts is not required; Online course is not required.  Merit Designation  In addition to the requirements for a standard diploma, students pursuing merit designation must attain one or more industry certifications.  Must pass Florida Standards Assessment (FSA) Grade 10 ELA Assessment (or earn concordant ACT or PSAT score) and Algebra 1 EOC exam (or earn GEOMETRY EOC passing score or earn concordant ACT or PSAT score)	_	-Personal Fitness (.5 credit)	
Online/Virtual Courses  At least one course within the above 24 credits must be completed through online learning.  Minimum Graduation Credit Requirement  Three elective credits instead of 8; Physical Education is not required; Online/Virtual Course not required. At other graduation requirements for 24-credit standard diploma credits must be met (per Florida Statute.)  CTE Pathway Option  At least 18 credits; Four elective credits instead of 8 - TWO credits in CTE courses must result in completion and industry certification & TWO credits in work-based learning programs or up to TWO elective credits including financial literacy; Physical Education is not required; Fine and Performing Arts, Speech and Debate or Practical Arts is not required; Online course is not required.  Merit Designation  Must pass Florida Standards Assessment (FSA) Grade 10 ELA Assessment (or earn concordant ACT or SAT score) and Algebra 1 EOC exam (or earn GEOMETRY EOC passing score or earn concordant ACT or PSAT score)	World Language	the same language are required for admission to	-Two credits in the same world language
Minimum Graduation Credit Requirement   24 Credits   One credit (in any subject area) must be in Advanced Placement or dual enrollment program.	Electives	8 required	
One credit (in any subject area) must be in Advanced Placement or dual enrollment program.    18-Credit Option   Three elective credits instead of 8; Physical Education is not required; Online/Virtual Course not required. At other graduation requirements for 24-credit standard diploma credits must be met (per Florida Statute.)    CTE Pathway Option   At least 18 credits; Four elective credits instead of 8 - TWO credits in CTE courses must result in completion and industry certification & TWO credits in work-based learning programs or up to TWO elective credits including financial literacy; Physical Education is not required; Fine and Performing Arts, Speech and Debate or Practical Arts is not required; Online course is not required.    Nerit Designation   In addition to the requirements for a standard diploma, students pursuing merit designation must attain one or more industry certifications.    Assessment   Must pass Florida Standards Assessment (FSA) Grade 10 ELA Assessment (or earn concordant ACT or SAT score) and Algebra 1 EOC exam (or earn GEOMETRY EOC passing score or earn concordant ACT or PSAT score)		At least one course within the above 24 credits must	
Option  At least 18 credits; Four elective credits instead of 8 - TWO credits in CTE courses must result in completion and industry certification & TWO credits in work-based learning programs or up to TWO elective credits including financial literacy; Physical Education is not required; Fine and Performing Arts, Speech and Debate or Practical Arts is not required; Online course is not required.  Merit Designation  Merit Designation  In addition to the requirements for a standard diploma, students pursuing merit designation must attain one or more industry certifications.  Must pass Florida Standards Assessment (FSA) Grade 10 ELA Assessment (or earn concordant ACT or SAT score) and Algebra 1 EOC exam (or earn GEOMETRY EOC passing score or earn concordant ACT or PSAT score)	Graduation Credit	24 Credits	One credit (in any subject area) must be in Advanced
and industry certification & TWO credits in work-based learning programs or up to TWO elective credits including financial literacy; Physical Education is not required; Fine and Performing Arts, Speech and Debate or Practical Arts is not required; Online course is not required.  Merit Designation  In addition to the requirements for a standard diploma, students pursuing merit designation must attain one or more industry certifications.  Assessment  Must pass Florida Standards Assessment (FSA) Grade 10 ELA Assessment (or earn concordant ACT or SAT score) and Algebra 1 EOC exam (or earn GEOMETRY EOC passing score or earn concordant ACT or PSAT score)	18-Credit Option		
In addition to the requirements for a standard diploma, students pursuing merit designation must attain one of more industry certifications.    Assessment	•	and industry certification & TWO credits in we including financial literacy; Physical Education is	ork-based learning programs or up to TWO elective credits s not required; Fine and Performing Arts, Speech and Debate,
score) and Algebra 1 EOC exam (or earn GEOMETRY EOC passing score or earn concordant ACT or PSAT score)	Merit Designation	In addition to the requirements for a standard dip	loma, students pursuing merit designation must attain one or
	Assessment		ETRY EOC passing score or earn concordant ACT or PSAT
. ,	GPA	2.0 on a 4.0 S	and the same of th

Students enrolled in Algebra 1. Geometry, Biology and/or U.S. History must take the respective EOC, and it will constitute 30% of the student's final grade.

## FRANKLIN COUNTY SCHOOL CURRICULUM PROGRESSION PLAN

Note: Course offerings are subject to change.

9th	10th	11th	12 <sup>th</sup>
English 1 English 1 Honors	English 2 English 2 Honors	English 3	English 4
		*ENC 1101 *ENC 1102	*ENC 1101 *ENC 1102
none required	World History World History Honors	*AMH 2010 & *AMH 2020 (must take both for full HS credit)	Economics ½ credit & United States Gov't ½ credit
Remedial Algebra Algebra I Geometry Geometry Honors	Remedial Algebra Geometry Geometry Honors Algebra II Honors	Remedial Algebra Math for College Algebra or *DE Math	Math for College Liberal Arts, Math for College Algebra *DE Math
Physical Science	Biology (w/lab) Biology Honors	Forensic Science Chemistry (w/lab) Chemistry Honors (w/lab)	AP- Environmental Science
Foreign Lang. I (Not req. for HS Graduation)	Foreign Lang. II (Not req. for HS Graduation)		
CTE (required)	Elective	Elective	Elective
Remediation/Elective	Remediation/Elective	Remediation/Elective	Remediation/Elective

<sup>\*</sup>Offered as Gulf Coast State College Dual Enrollment (Face-to-Face and/or online)

#### INDUSTRY CERTIFICATION PROGRAMS

These courses will enable students to be a program completer or be certified in one of the following vocational programs: Culinary Arts, Entrepreneurship, Allied Health (Medical), Unmanned Aircraft Systems (Drones) or Welding Technology. Several of our CTE courses offer Dual Enrollment through Lively Technical College. Students may earn clock hours as well as high school credit.

#### **CULINARY**

Program	8800500	- Culinary	Arts
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Courses-	8800510	Culinary Arts 1
	8800520	Culinary Arts 2
	**HMV0101	Intro to Food Prep

\*\*HMV0102 Cooking Methods and Techniques

#### ACCOUNTING

Program	8302100 -	<ul> <li>Accounting</li> </ul>
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Courses -	8207310	Digital Information Technology
	8203310	Accounting Applications 1
	8203320	Accounting Applications 2
	8203330	Accounting Applications 3

#### **MEDICAL**

#### Program 8417130 – Allied Health Assisting

Courses -	8417100	Health Science Anatomy and Physiology
	8417110	Health Science Foundations
	8417131	Allied Health Assisting 3

#### **DRONES**

#### Program 9505100 - Unmanned Aircraft Systems (UAS) Operations

Courses -	9505110	UAS Operations 1
	9505120	UAS Operations 2
	9505130	UAS Operations 3
	9540610	Private Pilot Ground School

#### WELDING

#### **Program 9204400 – Welding Technology Fundamentals**

Courses -	9204410	Welding Technology Fundamentals 1
	9204420	Welding Technology Fundamentals 2
	9204430	Welding Technology Fundamentals 3
	9204440	Welding Technology Fundamentals 4
	**PMT0070	Welder Assistant 1
	**PMT0071	Welder Assistant 2

\*\*PMT0072 Welder, SMAW 1 \*\*PMT0073 Welder, SMAW 2

\*\*In partnership with Wakulla School District and Lively Vocational College...

		ROTC
Courses -	1802300	Naval Science 1
	1802310	Naval Science 2
	1802320	Naval Science 3
	1802330	Naval Science 4

#### **BUILDING TRADES**

#### Program 8722000 - Building Trades and Construction Design Technology

8722010	Building Trades & Construction Design Technology 1
8722020	Building Trades & Construction Design Technology 2
BCV0080	Building Construction Assistant
BCV0081	Carpentry & Masonry Technology
BCV0082	Electrical & Plumbing Technology

## Bright Futures Scholarships

Students must **APPLY** for the Bright Futures scholarship by submitting the *Florida Financial Aid Application* (FFAA) no later than August 31 after high school graduation. For the latest information on Bright Futures Requirements, visit:

### http://www.floridastudentfinancialaid.org/ssfad/bf/

## **DUAL ENROLLMENT**

### **Gulf Coast State College**

Franklin County School offers courses on our campus as an extension of Gulf Coast State College. These courses will allow a student to earn credit for their high school diploma, as well as college semester hours from Gulf Coast State College. Students are eligible to enroll during the first semester of their sophomore year. Please see the Guidance Counselor for details. For course offerings and registration dates, visit <a href="https://www.gulfcoast.edu">www.gulfcoast.edu</a>.

Academic Classes 3.00 CGPA (unweighted)  Clock-hour Classes 2.00 CGPA	AND	Official Test Scores on ALL sections of the ACT, PERT, SAT, or other designated test scores that are not more than two years old.	AND	Have <u>passing</u> <u>Score on the Grade</u> <u>10 FSA ELA or earn</u> <u>the concordant score</u>
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### <u>Lively Vocational College</u>

Franklin County School offers courses on campus for Dual Credit in the form of Vocational Hours through Lively Technical College. See the Industry Certifications and Course Descriptions section of this catalog for a list of courses and their content. Students in year 3 and 4 of the Medical and Drone programs are eligible to register through the CTE Coordinator. Please see David Hughes at the District Office for more information. <a href="mailto:dhughes@franklincountyschools.org">dhughes@franklincountyschools.org</a>. There will be no Summer Semester for Franklin County Schools.

2.0 GPA AND	Students must have 11 HS credits. Must be at least 16 years old and have satisfactory Attendance.	AND	Student must remain a HS student for the entirety of the DE course.
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## Franklin County School Course Descriptions

#### CAREER TECHNICAL EDUCATION

#### **ACCOUNTING**

#### **8207310 Digital Information Technology**

1 Credit

Prerequisite: None Grade Level: 9-12

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. After successful completion of this core course, students will have met Occupational Completion Point A, Information Technology Assistant - SOC Code 15-1151.

#### **8203310** Accounting Applications 1

1 Credit

Prerequisite: N/A

Grade Level: 9-12

This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required.

#### 8203320 Accounting Applications 2

1 Credit

**Prerequisite: Accounting Applications 1** 

**Grade Level: 9-12** 

This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records, and internal control systems. The use of computers is required.

#### 8203330 Accounting Applications 3

1 Credit

**Prerequisite: Accounting Applications 2** 

Grade Level: 9-12

This course continues the study of accounting principles and applies those principles to various entities. The content includes methods for determining the cost of merchandise inventory, general ledger account analysis, and the aging process. The use of computers is required.

#### **CULINARY ARTS:**

#### 8800510 Culinary Arts 1

1 Credit

Prerequisites: None

Grade Level: 9 - 12

This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace; employability skills; leadership/teamwork skills; care and use of commercial culinary equipment; basic food science; basic nutrition; and following recipes in food preparation labs.

#### 8800520 Culinary Arts 2

Prerequisite: Culinary Arts 1 Grade Level: 10 - 12

In this course students will learn state mandated guidelines for food service; how to attain food handler training certification; and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus.

Culinary 3 and 4 or

#### **HMV0101 Intro to Food Prep**

**HMV0102 Cooking Methods and Techniques** 

Prerequisites: Culinary Arts 1 & 2

1 Credit (300 hours) 1 Credit (300 hours) Grade Level: 11-12

1 Credit

These courses are offered through Lively Technical College's Fundamental Foodservice Skills Program (N100520). This program offers a sequence of courses that provides coherent and relevant commercial foodservice knowledge and skills needed to prepare for further education and careers in the Hospitality & Tourism career cluster; provides technical skill proficiency, and includes competency-based applied learning, general employability skills, technical skills, and occupation-specific hands-on technical skills. The program is designed to prepare students for entry level work positions or further culinary training and education based on basic culinary skills and practices to be successful in today's commercial kitchens The content includes but is not limited to preparation, presentation, and serving of a wide variety of foods; leadership, communication skills, employability skills, and safe/efficient work practices are also covered. This coursework prepares students for employment in the food service/hospitality industry in positions such as: steward, prep cook, pantry cook, fry cook, banquet cook, retail, and cafeteria cook & line cook.

#### **UNMANNED AIRCRAFT SYSTEMS (Drones):**

#### 9505110 UAS Operations 1

Prerequisite: None

1 Credit Grade Level: 9-12

1 Credit

Grade Level: 10-12

The Unmanned Aircraft Systems (UAS) Operations 1 course prepares students for entry into the UAS aviation industry. Students explore a basic understanding of the operational aspects that are key to the requirements that are necessary to be part of the professional UAS Aviation Industry. Students study general operational principles and flight safety requirements to perform mission flight profiles, environmental concerns, mathematics, physics, basic aerodynamics, federal aviation regulations, publications and required records.

#### 9505120 UAS Operations 2

Prerequisite: UAS Operations 1

The Unmanned Aircraft Systems (UAS) Operations 2 course prepares and introduces students to the flight operations associated with the UAS aviation industry. Students examine and explore the applicable regulations at the Federal, State, and local level as they relate to UAS and manned flight operations. Students are also introduced to the unique governing aspects of flight operations conducted within the National Airspace System (NAS). This course includes introduction to flight navigation, weather, mission planning, software, hardware, and firmware associated with UAS activities. Students continue to examine the aspects associated with environmental concerns, mathematics, physics, advanced aerodynamics, publications, and required record keeping.

#### 9505130 UAS Operations 3\_

Prerequisite: UAS Operations 1 & 2

The Unmanned Aircraft Systems (UAS) Operations 3 course prepares students for executing mission planning and design elements necessary to prototype new industry standards to meet the changing mission requirements as technology continues to adapt and advance. Students explore advanced mission planning from basic organization to enhanced and complex flight profiles. Students study advanced operational principles and UAS design and development to support new designs necessary to perform every changing mission flight profiles. This will include environmental concerns, mathematics, physics, basic aerodynamics, federal aviation regulations, publications, and required records.

1 Credit

1 Credit

1 Credit

1 Credit

1 Credit

1 Credit

Grade Level: 11-12

#### 9540610 Private Pilot Ground School

Prerequisite: UAS Operations 1, 2 & 3

Grade Level: 12 The Private Pilot Ground School course prepares students for entry into the aviation industry. Students explore career opportunities and requirements of a professional aviation pilot/mechanic. Students study general shop safety, fundamentals of flight, FAA regulations, meteorology, aircraft communications, propulsion, and navigation systems, flight planning, communication, and analytical skills, applied sciences, safe aircraft operation and principles, flight training processes, and airport environments.

#### **MEDICAL:**

#### 8417100 Health Science Anatomy and Physiology

Prerequisite: None Grade Level: 9-12

This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on pathophysiology and transmission of disease. Medical terminology is an integral part of the course.

#### **8417110 Health Science Foundations**

Prerequisite: None Grade Level: 9-12

This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the healthcare system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.

#### 8417131 Allied Health Assisting 3

Prerequisite: Health Science A&P and Health Science Found

Grade Level: 11-12 In this course students will perform skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, radiation, EKG, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included with instructor provided competencies.

#### WELDING TECHNOLOGY FUNDAMENTALS: (Blocked Class)

#### 9204410 Welding Technology Fundamentals 1

Prerequisite: None Grade Level: 9 - 12

The Welding Technology Fundamentals 1 course prepares students for entry into the welding industry. Students explore career opportunities and the requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study workplace safety and organization, basic manufacturing processes, metals identification, basic interpretation of welding symbols, and oxyfuel gas cutting practices. Students demonstrate learned skills by creating and producing a finished product.

#### 9204420 Welding Technology Fundamentals 2

1 Credit

Prerequisite: Welding Technology Fundamentals 1

Grade Level: 9 - 12

The Welding Technology Fundamentals 2 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1 for entry into the welding industry. Students explore career opportunities and the requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study drawings and welding symbols, intermediate oxyfuel gas cutting practices, plasma arc cutting principles, and basic shielded metal arc welding (SMAW). Students demonstrate learned skills by creating and producing a finished product.

Weld Tech Funds 3 and 4

PMT0070 Welder Assistant 1 PMT0071 Welder Assistant 2

Prerequisites: Welding Technology Fundamentals 1 & 2

1 Credit (150 hours) Grade Level: 11 - 12

1 Credit (150 hours)

PMT0072 Welder, SMAW 1 PMT0073 Welder, SMAW 2

1 Credit (150 hours)

1 Credit (150 hours)

Prerequisite: Welder Assistant 1 & 2 Grade Level: 12

These courses are offered through Lively Technical College's Welding Technology Program. Welding Technology prepares students in the basic and the necessary advanced skills in the welding field. The program teaches welding techniques used in the workforce such as SMAW-shielded metal arc welding, GMAW-gas metal arc welding, FCWA-flux core arc welding, and GTAW-gas tungsten arc welding. Different types of oxygen and acetylene cutting, and welding techniques and proper safety precautions are also covered. The Welding Technology program is designed to prepare students for employment or advanced training in a variety of occupations in the welding industry. Welding positions are classified depending on the training and types of welding machines that a welder can use. Skilled welders are found in automotive, construction and aerospace industries. Welders fabricate and assemble metal structures and equipment through the use of welders, cutters, shapers and measuring tools. Welders produce metal products according to customer or employer specifications. They use multiple welding machines to repair and maintain metal equipment and structures of various sizes. Welders read and interpret diagrams, sketches, and blueprints to determine operations, required materials and timeframes for projects.

#### **BUILDING TRADE & CONSTRUCTION DESIGN TECHNOLOGY**

#### 8722010 Building Trades & Construction Design Technology 1

1 Credit

Prerequisite: None

Grade Level: 9 - 12

The purpose of this course is to provide students with competencies in safety practices; the use of hand and power tools; construction components, materials, and hardware; construction industry occupations and employability skills.

#### 8722020 Building Trades & Construction Design Technology 2

1 Credit

Prerequisite: Building Trades & Construction Design Technology 1

Grade Level: 10 - 12

The purpose of this course is to provide students with competencies in rough/finish carpentry, masonry, and

painting.

#### **BCV0080 Building Construction Assistant**

Prerequisite: Building Trades & Construction Design Technology 1 & 2 Grade Level: 11 - 12

## **BCV0081 Carpentry and Masonry Technology** BCV0082 Electrical and Plumbing Technology

Prerequisite: Building Construction Assistant

1 Credit (150 hours) 1 Credit (150 hours) Grade Level: 12

2 Credits (450 hrs)

These courses are offered through Lively Technical College's Building Trades Construction & Design Technology Program. The purpose of this program is to prepare students for employment or advanced training in the building construction industry. This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Architecture and Construction career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Architecture and Construction career cluster. The content includes but is not limited to applying construction techniques; reading plans and specifications; and developing trade skills in carpentry, masonry, electricity, plumbing and air conditioning.

#### NAVAL JROTC

1802300 Naval Science 1 1802310 Naval Science 2 1802320 Naval Science 3 1802330 Naval Science 4

Navy Junior Reserve Officer Training Corp (NJROTC) is a citizenship development program that explores Naval Science and leadership. The subjects include oceanography, meteorology, astronomy, basic electronics, communications, naval engineering, navigation, physical fitness, uniform preparation, and inspections. Naval Science is taught by retired Navy and Marine Corps personnel. The course provides classroom experiences that emphasize patriotism; development of informed and responsible citizens; promotes habits of orderliness and precision; develops a high degree of personal honor, self-reliance, individual discipline; and leadership development. Any student considering joining any of the United States Armed Services should consider enrolling in this course. Cadet experiences are enriched through participation in any one of six extra-curricular teams (precision drill team, air rifle marksmanship team, orienteering team, athletic team, color guard team, or academic team), community service projects, or overnight trips to various colleges, universities, and military facilities throughout the United States.

Uniforms, textbooks, training aids, etc. are provided by the United States Navy. Additionally, various 3- and 4-year university scholarship opportunities are available to students that qualify. Any student attending NJROTC classes are eligible for advance promotion when entering active duty. Enrollment is open to grades 9 through 12. Students may take the course for one to four years. Credit can be used to meet the physical education requirement for graduation. Enrollment in this course does not obligate the student for military service in any branch.

#### **ELECTIVES**

#### 1700380- Career Research and Decision Making

Full year course

Prerequisite: None Grade: 6-8

The purpose of this course is to enable students to explore careers/career clusters and make informed career choices. Activities enable students to increase self-awareness and develop the skills needed to successfully plan for postsecondary education and the workplace. Career assessment should include interests, aptitudes, and basic skills. Work-based learning strategies appropriate for this course include job shadowing, field trips, and mentors. Work-based activities allow students to evaluate their career choices as they relate to actual careers at the worksite.

#### 1006300/1006310/1006320/1006330 Journalism 1, 2, 3, 4 (Yearbook)\* 1 Credit Each

Prerequisite: Application Process and Teacher Recommendation Grade Level: 9-12

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

#### FOREIGN LANGUAGE

Two credits of a foreign language are not required for high school graduation. Students planning a college prep curriculum need two consecutive credits of a foreign language to meet the State University System requirements. You must have achieved a C or better in your previous English courses to register for these courses.

#### <u>07083400 Spanish I</u> 1 Credit

Prerequisite: "C" or better in previous English course; Grade Level: 9-11

This course introduces students to the Spanish language and its culture, develops listening, speaking, and pronunciation skills, and fosters cross-cultural understanding. Priority will be given to upper class students.

#### 07083500 Spanish II 1 Credit

Prerequisite: Spanish I Grade Level: 10-12

This course begins with a review of Spanish I and then introduces more complex grammatical structures and verb tenses. Vocabulary enrichment and cultural comparisons will be emphasized.

#### HEALTH/PE

In order to receive credit for physical education, students are required to dress out and participate in activities.

3026010 HOPE 1 Credit

Prerequisite: None Grade Level: 9-12 (8th MSA)

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach. In addition to the physical education content represented in the benchmarks below, specific health education topics within this course include, but are not limited to: Mental/Social Health, Physical Activity, Components of Physical Fitness, Nutrition and Wellness Planning, Diseases and Disorders, Health Advocacy, First Aid/CPR, Alcohol, Tobacco, and Drug Prevention, Human Sexuality including Abstinence and HIV, and Internet Safety.

#### 1508060 M/J Comprehensive Physical Education Grade 6/7

Prerequisite: None Grade Level: 6-7

This course is designed for 6th and 7th grade students and intended to be 18 weeks in length. The purpose of this course is to provide a foundation of knowledge, skills, and values necessary for the development of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which includes, but is not limited to: Fitness Activities, Educational Gymnastics and Dance, and Team Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

#### 1508070 M/J Comprehensive Physical Education Grade 7/8

**Full year course** Grade Level: 7-8

Full year course

Prerequisite: None

This course is designed for 7th and 8th grade students and is intended to be 18 weeks in length. The purpose of this course is to build on previously acquired knowledge, skills, and values necessary for the implementation and maintenance of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which include but is not limited to: Outdoor Pursuits/Aquatics, Individual/Dual Sports, and Alternative/Extreme Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

#### 1501340/1501350/1501360 Weight Training 1, 2, 3

1/2 Credit Each

Prerequisite: None

Grade Level: 9-12

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.

#### 1502480 Outdoor Education and Recreational Activities

Full year course

Prerequisite: None

Grade Level: 9-12

Develop your skills in outdoor activities like boating and hunting and learn about the benefits of physical activity while using proper safety procedures to experience wildlife and outdoor and extreme sports. By meeting all the requirements of the course, you will be eligible to obtain a state of Florida Hunter and Florida Boating Safety ID Card. Exclusive to FLVS students and endorsed by the Florida Wildlife Commission (FWC), you can earn your Hunter Safety Card through the Virtual Field Day component in the course, rather than physically attending the FWC Field Day. This course provides elective credit. When paired with Personal Fitness, it can fulfill the physical education requirement for high school graduation (district dependent).

#### 1503350 Team Sports 1 & 2

Full year course

Prerequisite: None

Grade Level: 9-12

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

#### LANGUAGE ARTS

Requirements for graduation require four Language Arts credits.

#### 1001010 M/J Language Arts 1

Full year course

The purpose of this course is to provide grade 6 students, using texts of appropriate complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and

readiness.

#### 1001040 M/J Language Arts 2

#### Full year course

The purpose of this course is to provide grade 7 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

#### 1001070 M/J Language Arts 3

#### Full year course

The purpose of this course is to provide grade 8 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

**1001310 English 1** 1 Credit

Prerequisite: None Grade Level: 9

The purpose of this course is to provide English 1 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

#### 1001320 English 1 Honors

1 Credit

Prerequisite: FSA Score; Teacher Recommendation.

Grade Level: 9

The purpose of this course is to provide grade 9 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted Course)

1001340 English 2 1 Credit

Prerequisite: English 1 Grade Level: 10

The purpose of this course is to provide grade 10 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness.

#### 1001350 English 2 Honors

1 Credit

Prerequisite: FSA Score and Teacher Recommendation Grade Level: 10

The purpose of this course is to provide grade 10 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted Course)

1001370 English 3 1 Credit

Prerequisite: English 2 Grade Level: 11

This course is to provide instruction in Language Arts and American Literature. It includes writing for various purposes, reviewing English grammar, and developing vocabulary. These competencies should be related to the study of American Literature. In addition, this course provides instruction and practice in communication skills.

1001405 English 4 1 Credit

Prerequisite: English 3 Grade Level: 12

This course is designed to prepare 12th grade students with the necessary reading and writing skills to

communicate effectively within the academic or work environment. Using texts of high complexity, the goal of the class is to integrate language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The reading will vary from the classics to modern pieces of British literature. The fundamentals of previous English courses are an expectation for this course.

#### ENC 1101: English Comm. Skills I

1 HS Cr + 3 GCSC Hours

Prerequisite: Minimum PERT/ACT scores, minimum GPA Grade Level: 11/12

Course Description: This course in English composition is designed to prepare a student to write successfully throughout the four-year college career. Theme assignments deal with narrative, descriptive, expository, and argumentative writing. A documented essay is required. ENC 1101 fulfills 6,000 words of the Gordon Rule writing requirement. Prerequisite: Acceptable placement scores in writing. Three semester hours credit.

#### **ENC 1102: English Comm. Skills II**

1 HS Cr + 3 GCSC Hours

Prerequisite: "C" or better in ENC 1101 Grade Level: 11/12

Course Description: This course in English composition is the second half of the sequence begun with ENC 1101. This second semester is concerned primarily with themes about literature, based on reading of short stories, plays, and poetry. Brief oral presentations are required. ENC 1102 fulfills 6,000 words of the Gordon Rule writing requirement.

#### **MATHEMATICS**

Students must complete four math credits. One of these four math credits must be Algebra I. Students are required to pass the EOC in Algebra I or Geometry for graduation.

#### 1205010 M/J Grade 6 Mathematics

#### Full year course

In Grade 6, instructional time should focus on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

#### 1205040 M/J Grade 7 Mathematics

#### Full year course

In Grade 7,instructional time should focus on four critical area: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

#### 1205070 M/J Grade 8 Pre-Algebra

#### Full year course

In Grade 8, instructional time should focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

#### 1200310 Algebra I

1 Credit

Prerequisite: None Grade Level: 9-10 (8th MSA)

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course, and, together with the content standards, prescribe that student experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. **This course will have an EOC.** 

#### 1200320 Algebra I Honors

1 Credit

Grade Level: 9-10

Prerequisite: Meets Honors Criteria

This course is a rigorous study designed for the student who excels in both ability and performance in mathematics. The critical areas of this course deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted course) This course will have an EOC.

**1206310 Geometry** 1 Credit

Prerequisite: Algebra I or Algebra I Honors

Grade Level: 9-12

The purpose of this course develops geometric relationships and critical thinking strategies needed to solve a variety of real-world mathematical problems. This course will have an EOC.

#### 1206320 Geometry Honors

1 Credit

Prerequisite: Algebra I EOC; Teacher Recommendation

Grade Level: 9-10

The purpose of this course is to give a rigorous in-depth study of geometric relationships. Emphases on EOC skills are included in this curriculum. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted course) This course will have an EOC.

1200330 Algebra II 1 Credit

Prerequisite: C in Algebra I/ Geometry, Teacher Recommendation Grade Level: 10-12

The purpose of this course is to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields.

#### 1200340 Algebra II Honors

1 Credit

Prerequisite: Geometry, Teacher Recommendation,

Grade level: 10-12

& Geometry EOC Score

The purpose of this course is to give a rigorous in-depth study of the structure of algebra and provide the foundation for continued advanced math courses. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to

think and collaborate critically on the content they are learning. (Weighted course)

#### 1207350 Math for College Liberal Arts

Prerequisite: Algebra I Grade Level: 9-12

In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

#### 1200710 Math for College Algebra

1 Credit Grade Level: 12

1 Credit

Prerequisite: Algebra 1

In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

#### **SCIENCE**

Franklin County School students are required to earn three (3) credits in science, two of which must contain a lab component.

#### 2002040 M/J Comprehensive Science 1

#### Full year course

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the middle school level, all students should have multiple opportunities every week to explore science laboratory investigations (labs). School laboratory investigations are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the middle school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data (NRC 2006, p. 77; NSTA, 2007).

#### 2002070 M/J Comprehensive Science 2

#### Full year course

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the middle school level, all students should have multiple opportunities every week to explore science laboratory investigations (labs). School laboratory investigations are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the middle school classroom should help all students develop a

growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data (NRC 2006, p. 77; NSTA, 2007).

#### 2002100 M/J Comprehensive Science 3

#### Full year course

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the middle school level, all students should have multiple opportunities every week to explore science laboratory investigations (labs). School laboratory investigations are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the middle school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data (NRC 2006, p. 77; NSTA, 2007).

2000010 Life Science Full year course

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the middle school level, all students should have multiple opportunities every week to explore science laboratory investigations (labs). School laboratory investigations are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the middle school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data (NRC 2006, p. 77; NSTA, 2007).

#### 2000310 Biology I with Lab

1 Credit

Prerequisite: None

Grade level 9-12

The purpose of this course is to provide exploratory experiences and laboratory and real-life applications in the biological sciences. Topics covered include biochemistry, cell structure and function, genetics, evolution, ecology, classification, disease, and select topics in anatomy and physiology. **This course will have an EOC.** 

#### 2000320 Biology I Honors with Lab

1 Credit

Prerequisite: FSA Scores; Teacher Recommendation.

Grade Level: 9-12

This course expands biological concepts by presenting additional facts, activities, and detailed studies with laboratory experiences. The content includes biochemistry, cell structure and function, genetics, evolution, ecology, classification of organisms, disease, and select topics anatomy and physiology. *Honors and Advanced Level Course Note:* Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted course) This course will have an EOC.

2003340 Chemistry I 1 Credit

Prerequisite: Biology and Algebra I Grade Level: 9-12

This course is a study of the composition of substances and the changes it can undergo. Course content will include and not be limited to the following: physical and chemical changes, significant figures, temperature conversions, subatomic particles and their charges, atomic theory, periodic table, ions, chemical names and formulas, stoichiometry, the states of matter, behavior of gases, properties of solutions, acids, and bases. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

#### 2003350 Chemistry I Honors

1 Credit

Prerequisite: Biology and Algebra 1; Biology EOC; Teacher Recom. Grade Level: 10-12
This course is a study of the composition of substances and the changes it can undergo. Course content will include and not be limited to the following: physical and chemical changes, significant figures, temperature conversions, subatomic particles and their charges, atomic theory, periodic table, ions, chemical names and formulas, stoichiometry, the states of matter, behavior of gases, properties of solutions, acids, and bases. Laboratories will be utilized to reinforce concepts and apply chemical principles to real-life situations, as well as to increase identification of laboratory instruments and materials. *Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted course)* 

#### 2002480 Forensic Science\_

1 Credit

Prerequisite: Physical Science and Biology

Grade Level 11-12

Take a look at forensics through the lens of some of the world's most famous and intriguing crime cases. This course examines the latest forensic techniques and innovations used to solve crimes. It also focuses on basic scientific principles and laboratory processes used in the field, such as DNA testing, toxicology, and material analysis. Investigative experiences for students include spectrometry, electrophoresis, and evidence analysis techniques. Students also study crime scene processing and evidence collection during crime scene investigations (CSI). This Forensic Science course satisfies state laboratory requirements.

#### 2003310 Physical Science with Lab

1 credit

Prerequisite: None

Grade Level 9-10

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Course investigations (labs) are defined as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models.

#### 2001380 Advanced Placement Environmental Science

1 credit

Prerequisite: Biology and Chemistry

Grade Level: 11-12

Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab

investigations and field work as they explore concepts like the four Big Ideas: energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability. Explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. You'll take part in laboratory investigations and field work.

#### **SOCIAL STUDIES**

Students are required to have three (3) in Social Sciences to graduate from Franklin County School. The courses are grade specific, and an eligible student may choose to take college credit courses instead.

#### 2109010 M/J World History

#### Full year course

The primary content for this course pertains to the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.

2106010 M/J Civics Full year course

The primary content for the course pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

#### 2100010 M/J US History

#### Full year course

Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to explore those fundamental ideas and events which occurred after Reconstruction.

#### 2103300 World Cultural Geography-

Prerequisite: None

1 Credit

Grade: 9

The primary content emphasis for this course pertains to the study of world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Content should include, but is not limited to, the use of geographic tools and skills to gather and interpret data and to draw conclusions about physical and human patterns, the relationships between physical geography and the economic, political, social, cultural and historical aspects of human activity, patterns of population growth and settlement in different cultures and environments, the interaction between culture and technology in the use, alteration and conservation of the physical environment, and the interrelationships and interdependence of world cultures.

#### 2109310 World History

1 Credit

Prerequisite: None

Grade Level: 10

This course is a continued in-depth study of the history of civilizations and societies from the middle school course and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the

relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

#### 2109310 World History Honors

1 Credit

Prerequisite: None Grade Level: 10

The course emphasizes the contributions of the past to contemporary life and the ways other societies have attempted to answer questions and solve problems that continue to perplex mankind today. Students will explore interpretations of history and change, the development of civilizations, changing concepts of right and wrong, heroism, relationships between church and state, and conflicts between social and economic classes. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted Course)

#### 2100310 United States History

1 Credit

Prerequisite: World History

Grade Level: 11

The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.

This course will have an EOC.

#### **2100320 United States History Honors**

1 Credit

Prerequisite: World History

Grade Level: 11

The purpose of this course is to acquire an in-depth comprehensive understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the nation. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multifaceted, students are challenged to think and collaborate critically on the content they are learning. (Weighted Course). This course will have an EOC.

#### 2106310 United States Government

1/2 Credit

Prerequisite: World History and United States History

Grade Level: 12

The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state, and national level, and the political decision-making process.

2102310 Economics 1/2 Credit

Prerequisite: World History and United States History Grade Level: 12

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and

monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

## FLORIDA VIRTUAL SCHOOL (PAEC FRANCHISE)

courses based on course rigor and student placement and will allow a class period for completion depending on space available. There will be no Summer Semester available through Franklin County Schools. If you would like to view available courses, go to <a href="https://www.flvs.net">www.flvs.net</a>.

## FRANKLIN COUNTY SCHOOL 2022-2023 COURSE REQUEST FORM

Student <u>Last Name</u>	Student First Name	Student Middle Initial	<u>Grade</u>
Parent/Guardian Name	Parent Guardian Phone Number	Parent/Guardian E-mail	

#### **Course Request Guidelines**

- 1. Each student must select four (4) core classes and five (5) electives. Two (2) electives will be alternates.
- 2. All the classes selected on this form are requests: they do not represent a student's schedule next year. Students are scheduled based on course availability and the number of requests.
- 3. Elective courses will only be offered if there are sufficient requests for enrollment.
- 4. List your electives in order of preference: "1" for most important; "2" for the next important, and so on.
- 5. Requests for honors will be reviewed. Students are placed in honors courses based on teacher recommendation and FSA/EOC scores.
- 6. It is understood that this form represents your requests. No schedule changes will be made that differ from the course request sheet except in cases of improper course level, lack of a prerequisite, or courses completed in the summer school.
- 8. Please remember that this is a course request form, not a request for specific teachers. Different teachers may teach courses within a year or from one year to the next.

9. No changes to course requests will be accepted after	
7. No changes to course requests will be accepted after	

I have reviewed the course selection guidelines and the course request for the 2020-2021 school year by my child. We both agree that they are appropriate for his/her ability level and will provide suitable preparation for the post-high school years.

Student Signature:	Date:	
<u> </u>		
Parent Signature:	Date:	

	Graduation P	Plan Cohort Year
Name:	Grade:	1st Period Teacher:
Complete each section, mark reque (See page 4 of catalog for curriculu		ed for graduation. See curriculum guide for grade level/prerequisites
English:	progression plan of grade	Math:
<del></del>		
o English l	***	o Math for College Liberal Arts
o English 2	Honors	o Algebra 1
O English 3		o Geometry
O English 4		o Algebra 2
o Other ENC 1101/1102 (DE	see guidance)	O Math for College Algebra
0		O Other:
Science:		Social Studies:
Science		o World Geography
o Physical Science		o World History
o Biology		O American History
o Chemistry		o American Gov't/Economics
o AP Environmental Science		o AMH 2010/2020 (Online, DE)
o Other:		O Other:
		Physical Education: O HOPE
Electives		
Choose five (5) electives. Rank them below	in order of preference from 1-5 (1 be	peing most preferred).
Look at the course catalog for prerequisites	and grade level requirements.	
Courses with Multiple Years: Please circle whi	ch year you wish to register for in that e	elective (Example, Band 3, Journalism 1).
Only one of the courses below:	Only one of the course	
_Culinary Arts 1*	Building Trades 1	Driver's Education:
Culinary Arts 2* Culinary Arts 3*	Building Trades 2 Building Trades 3	Date Permit Issued
Culinary Arts 4*	Building Trades 4	Other
Only one of the courses below:		DALAL PAIDOLI MENT
Digital Information Technology		DUAL ENROLLMENT
Accounting I Accounting II		Must meet eligibility requirements and complete appropriate paperwork
Only one of the courses below:	Journalism/Yearbo	ook <u>complete appropriate papel work</u>
Welding I*	Spanish 1 2	Gulf Coast State College
Welding 2*	P.EWeightlifting	-
- Welding 3*	DCT/OJT (Seniors	
Welding 4* Welding Capstone	Teacher Assistant	(Seniors Only)
Only one of the courses below: NJROTC 1		
NJROTC 1 NJROTC 2		
NJROTC 3		Lively Technical College
NJROTC 4		
Only one of the courses below:		
Unmanned Aircraft Systems Operation Unmanned Aircraft Systems Operation	15 1	
Unmanned Aircraft Systems Operation		
Private Pilot Ground School		

\*Course w/Industry Cert Exam

Once this form is completed, please return it to your 1st period teacher.