

# CENTRAL FRESHMAN ACADEMY



2022-2023

# **Course Selection Guide**

**CENTRAL FRESHMAN ACADEMY**

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## GENERAL INFORMATION

<b>Family Educational Rights and Privacy Act (FERPA)</b>	The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. Parents are guaranteed the right to inspect and review the educational records of their children. Personally identifiable records can be released either with prior parental consent or to an official with legitimate educational interest.
<b>Transfer Credits</b>	Transferring institutions must issue credit on their official transcript for courses taken with them in order for those credits to be counted towards graduation.

## **PLANNING YOUR HIGH SCHOOL CAREER**

### **4-Year Plan**

All students will enter 9th grade prepared and with a 4-Year Plan that addresses their individual academic and career interest needs. Students are assisted by the Professional School Guidance Counselor in the development and annual revision of their high school four-year educational/career plan. Additionally, students are required to maintain an educational/career planning portfolio of study based on legislative and other graduation requirements. The selection of the high school four-year educational plan shall be approved in writing by the parents or guardians and becomes part of the educational/career planning portfolio.

The student's educational/career plan is based on a career goal. This may be a cluster, pathway, or specific occupation. The plan outlines high school courses needed or suggested for reaching their career goal. The plan also outlines postsecondary education requirements needed to reach the student's career objective. Altogether, the plan reflects the courses that a student will have access to through their high school, Access, Dual Enrollment, the Career Technical Center, and Articulation.

There are four steps in the development of the

4-Year Plan. First, the student participates in an assessment of personal skills, interests, and abilities. Secondly, the assessment results are analyzed and the student identifies the connections between his or her skills, interests, and abilities to discover which cluster, pathway, or occupation for which he or she is best suited. Next the student correlates personal preferences, education, and training with workforce requirements to determine post-secondary needs. The final step in the process is where the student, with assistance from the Professional School Guidance Counselor, and with parent approval, determines the available secondary course requirements and opportunities that will enhance his or her success in postsecondary education and in the workforce. Through this process, students gain an understanding of the relationship of academics to the world of work and to life at home and in the community.

## **SELECTING YOUR NINTH GRADE SCHEDULE**

The goal of the Central Freshman Academy is to provide an educational program that will empower all students to make choices and meet the challenges of the 21<sup>st</sup> century. Each student will follow four steps in selecting courses for the 2021-2022 school year.

1. Students will meet with the freshman counselor in small groups to discuss curriculum requirements.
2. Students and parents will study the

course selection guide, along with the student's 4-year plan, and make selections.

3. Counselors at SGS and CFA will be available to discuss selections with students and parents.
4. Students and the freshman counselor will finalize elections.

### **TAKE TIME TO DO IT RIGHT!!!**

The decisions you make in course selection, the effort you put forth in your classes, and your participation in activities, clubs, and sports will have a direct bearing on future career decisions. Counselors and teachers will work with you to develop a clear understanding of courses available. The curriculum of Central Freshman Academy is designed to assure each student a comprehensive, balanced program to build a sense of achievement and the necessary background to pursue personal career goals. Individual interests, abilities, aptitudes, and aspirations will be the determining factors in helping students plan their curriculum while in high school. Course selection is not a task to be taken lightly. You are encouraged to make careful considerations as your choices are made.

### **SCHEDULE CHANGES**

During the summer pre-registration (or the first five days of the school year for necessary changes), the student must:

1. Discuss the proposed change with his/her

parent(s) and complete a schedule change request form or sign up for a conference with the counselor.

2. Schedule changes will be considered only for legitimate changes: student has already taken and passed a course on their schedule, student has not passed the prerequisite for a course they are taking, the course is out of sequence or the student is missing a core class on their schedule.

3. Schedule changes will not be considered for: choosing a particular teacher, choosing to take a class during a particular time of day, trying to be in a class with another student, to get out of a class because of a particular student/teacher or to be in a particular lunch wave.

4. Upon receipt of a new schedule, the transfer is considered official, and the new schedule is in effect.

You are responsible for returning textbooks to the teacher/media center. Failure to do so will result in you being charged for the textbook.

The only schedule changes permitted within the first five days of school will be for scheduling errors.

### **RECOMMENDATIONS AND OVERRIDES**

Students and parents should exercise extreme care in course selections as course selections have a direct bearing on future career

decisions. Teachers are employed and textbooks are purchased based upon course selections. Once courses have been selected, the school is staffed to meet those demands. Staffing may not allow students to take their first choice on electives. Parents should sign the registration sheet indicating approval of student's choices. No student's schedule will be considered complete until this approval has been received. After the student has made a choice and the parent has approved it, no schedule change will be made except in emergency situations as determined by the school principal or his designee.

Parent overrides must be made at pre-registration or during summer re-identification. The only schedule changes permitted within the first five days of school will be for scheduling errors. At no time will a student be permitted to take a course less demanding when the student has previously completed a higher-level course. Principals only may approve course changes during the first 5 days of the school year based on documented, extenuating circumstances.

The counselor is not responsible for making schedule change decisions after the school year has begun.

### GENERAL FEES

Many career/tech courses and band require a fee for each class a student takes. The specific fees are outlined in each course description. **(These fees include membership dues for the correlating career/tech club or band requirements. See specific course for additional**

**requirements.)**

Freshman Dues	\$20.00/year
Chromebook Usage Fee	\$25.00/year
Parking Registration	\$5.00/year
ROTC Uniform	\$25.00/semester
Credit Recovery	\$75.00/.5 credit
Access	\$75.00/.5 credit
Grade Recovery	\$75.00/.5 credit

Class fees are set each year by members of each class and approved by the Board of Education. **Course fees are due on the first day of school. For courses that require proof of insurance, students may use parent insurance or purchase school insurance for \$14.00. \*\* FEES ARE NON-REFUNDABLE**

### GRADUATION AND GRADE PLACEMENT REQUIREMENTS

Must have earned **6 credits** to be classified as a **Sophomore**.

Must have earned **12 credits** to be classified as a **Junior**.

Must have earned **18 credits** to be classified as a **Senior**.

Must have earned **25 credits** to **graduate**.

Grade level promotions will be conducted by district administration at three points per

calendar year: at the conclusion of a school year during the end-of-year process, following summer school completion, and following the first semester grades storing.

## **GRADING INFORMATION**

The grading system at Central Freshman Academy will reflect the student's actual performance in all facets of learning. The following grading scale will be used:

- 90 – 100 = A
- 80 – 89 = B
- 70 – 79 = C
- 60 – 69 = D
- 59 – Below = F

**Report cards are issued at the end of each nine week grading period. Report cards will give numerical as well as letter grades.**

## **WEIGHTED COURSEWORK**

Dual enrollment eligible, AP courses, and select Honors courses offered at Central Freshman Academy are awarded an additional GPA point and ten points on their final average (for purposes of determining class rank/top ten percent only). Course requests by parental override are determined by the discretion of the administration.

- Honors English 9/10
- Honors/AP World History
- Honors Biology/Honors Physical Science/Honors Chemistry
- Honors Geometry

## **ALABAMA HIGH SCHOOL DIPLOMA REQUIREMENTS**

All students will earn the Alabama High School Diploma (requirements below). The

student will have an opportunity to earn an additional district-level endorsement which will be signified on the diploma with a sticker or seal. They will not be reflected in any way on the transcript, since they will not report differently to the ALSDE.

- 4 credits in English Language Arts
- 4 credits in Mathematics, including Algebra I, Geometry, and Algebra II
- 4 credits in Science, including Biology, and a physical science
- 4 credits in Social Studies
- 1 credit in Kinesiology or equivalent (JROTC, Marching Band or Athletic PE)
- ½ credit in Health Education
- 1 credit Career Preparedness or equivalent (JROTC)
- 3½ elective credits
- 3 credits in Career Tech, Fine Arts, and/or Foreign Language

## **PHENIX CITY SCHOOL DIPLOMA ENDORSEMENTS**

- **Academic Honors Endorsement:**
  - 1 foreign language course
  - 14 honors level core classes in grades 8-12
- **Technical Endorsement:**
  - 3 sequenced courses in a Career Technical Field in addition to Career Preparedness
- **Fine Arts Endorsement:**
  - 3 sequenced courses in fine arts
- **Foreign Language Endorsement:**
  - 3 classes of sequenced foreign languages

Any student, with or without a disability, who completes four or more core courses on the Essentials/Life Skills pathway is required to complete the following work component:

#### Community-Based Work Instruction

- 2 Career and Technical Education Courses in a Sequence
- Workforce Essentials or Transition Services II
- Cooperative Education/Work-Based Experience or Life Skills Occupational Preparation
- Cooperative Education Seminar

## COMMUNITY SERVICE HOUR REQUIREMENT

The Phenix City Board of Education requires all students to complete 55 hours of community service in order to graduate. The recommended completion of hours are the following:

- 9th grade- 10 hours
- 10<sup>th</sup> grade-15 hours
- 11<sup>th</sup> grade-20 hours
- 12<sup>th</sup> grade-10 hours

New students will only be required the number of hours from when they began in Phenix City Schools.

### INNOVATIVE ACADEMIC OPPORTUNITIES

The Central Freshman Academy provides the following programs that allow our scholars to accelerate and/or catch up through technology and distance learning. The programs, described below, provide a plethora of academic choices to assist our scholars in customizing their academic journey to meet their post-secondary goals.

#### Advanced Placement (AP)

This is a program which offers college-level

curricula to high school students. A culminating exam is given at the end of each course in which students earn a score of 1 through 5. American colleges and universities may grant placement and course credit to students who obtain high scores on the examinations (typically scores of 3 or higher depending on the accepting institution). The fee for each exam is \$93; however, this fee is waived for students who qualify for free/reduced lunch.

#### Accelerated Academy

This program is for those students who completed 6th, 7th, 8th, and 9th grade coursework during their 6th-8th grade school years while at PCIS and SGS, or illustrated mastery of course standards based on designated indicators by school administration. This accelerated curriculum pathway allows for students to have more options during their high school years, including more advanced coursework for post-secondary credit (i.e. Dual Enrollment, Advanced Placement, Career and Technical) or the possibility of graduating early.

Students who passed Honors Algebra I, Honors English 9, and/or Honors Biology at South Girard with an 80 average or higher and illustrate an 80% mastery (Mastery Connect) of all standards will have met the course requirements for an Alabama High School Diploma and will be issued credit on their transcript. Students who failed or passed these courses at South Girard with an average between a 60 and 79 average will not be issued credit and will be required to re-enroll in these courses again.

**These requirements pertain to South Girard Accelerated Academy students only. Transferring institutions must issue credit.**



## **Edgenuity**

This software allows students to take basic Internet courses in English, science, history, math, health, art, and foreign language curriculum. We use this software for students who get placed at the alternative school, credit recovery, grade recovery and for students who want to get ahead in the basic classes listed above. It is interactive software where recorded instruction is given with notes, lectures, quizzes and tests. All work can be done from any accessible Internet location, but tests must be taken in the presence of a certified teacher. Courses are student driven so they can work at an accelerated pace.

## **Credit Recovery**

This program is for those students who fail a class with a semester average between a 40 and 59 in those classes covered by the Edgenuity software listed above to recover that credit the following semester after school. The student only completes the objectives from the course that caused them to fail. This prevents the student from having to redo the entire course and allows them to recover that lost credit in a much shorter time frame. If a student fails a course the first semester, he/she must attend credit recovery during the second semester. If he/she fails a course second semester, he/she may do credit recovery during the summer. Again, utilizing the Edgenuity software, the student can work at a school computer lab after school or from another location that has Internet capability, and they can work at an accelerated pace. Students who do not complete credit recovery in the very next semester after they failed a course must do Grade Recovery. The maximum grade a student can receive in credit recovery is a 70, which

will replace the failing grade of that course on the official transcript. **Each Credit Recovery course costs \$75.00 per half credit and is payable in advance with no refund.**

## **Grade Recovery**

This program is for those students who do not attend credit recovery in the prescribed time frame or made less than a 40 in the class they failed the previous semester. Using this program, students must redo the entire course utilizing the Edgenuity software. Also, students who want to try and achieve higher than a 70 on their transcript for a course they failed must choose Grade Recovery to do so. **Each Grade Recovery course costs \$75.00 per half credit and is payable in advance with no refund.**

## **CFA Fast Track**

This program is for those students who wish to complete their Kinesiology (physical education) during the summer. There is a \$75 fee for each ½ credit of a course taken.

## **Credit Advancement-(CHS)**

For those students wanting to get ahead, we have a couple of options. First, utilizing the Edgenuity software during the summer or after school, students can take courses in the basic core classes with some electives that can be worked from home at an accelerated pace. For the more advanced classes, the Access program is available. It may last an entire semester, school year or summer session (approximately 6 weeks) and is instructor driven through distance learning. Students must take all tests at Central in front of a facilitator utilizing either one of these options, but all other work may be

accomplished from any Internet location. Upcoming freshman must have administrative approval for all Credit Advancement. **There is a \$75.00 fee for**

## **CENTRAL FRESHMAN ACADEMY COURSE OFFERINGS**

### **ENGLISH COURSES**

#### **01001G1000- English 9 (1 Credit - 1/2 Each Semester)**

This course includes grammar, mechanics of language, vocabulary, literature, and independent reading and skills. Students will write various types of paragraphs and essay compositions. Students will research a topic and create note cards, outlines, bibliography cards, and works cited pages for a research paper. This course contains application activities that teach oral and visual communication skills demanded in the workforce.

#### **01001H1000- Honors English 9 (1 Credit - 1/2 Each Semester)**

In addition to the regular course of study material covered in English 9, English 9 Honors is a pre-AP course that emphasizes critical thinking skills, literary analysis, essay writing, and group discussion. This course is geared toward above-average, well-motivated students and moves at a rapid pace. Summer reading will consist of reading a book determined by the teacher. A corresponding multiple choice/short answer/short essay test is required and valued at one test grade. The book and details can be located on the school website.

**Prerequisite: Writing assessment, minimum of an 80 numerical average in prior Honors English course or 90 numerical average in regular English course.**

**Summer Reading Requirements:**

**each ½ credit taken and a \$150.00 fee for each 1 credit course taken, if outside of the regular school day.**

- **The student must obtain their own reading material (1 book) assigned by the teacher. Students are encouraged to utilize the school and local libraries to obtain this book.**
- **See the school's website for the Summer Reading List.**

#### **01002H1000- Honors English 10 (1 credit - ½ Each Semester)**

This pre-AP course involves a brief review of grammar, mechanics of the language, and literary skills. Paragraph writing, research skills and literature will be emphasized as well as oral communication. There will be weekly reading, writing, and vocabulary assignments. A formal research paper will be a part of this course. Independent reading is required. The student must obtain their own book each semester, as assigned by the teacher. Students in this course are preparing for Honors/Dual Enrollment English in the eleventh and twelfth grades. Summer reading will consist of reading a book determined by the teacher. A corresponding multiple choice/short answer/short essay test is required and valued at one test grade. The book and details can be located on the school website. **Prerequisite: A minimum of an 80 numerical average in prior Honors English course and an 80% mastery of all Honors English 9 course standards.**

**Summer Reading Requirements:**

- **The student must obtain their own reading materials (1 book) assigned by the teacher. Students are encouraged to utilize the school and local libraries to obtain these books.**

- **A test will be administered and will count as one test grade.**
- **See the school's website for the Summer Reading List.**

**01151G1009- Public Speaking (1 Credit/1/2 Each Semester)**

Public Speaking is an elective course in which students will discover the art and significance of public speaking by way of learning how to plan, research, compose, practice, and engage in various speaking components. Students will explore and study each of the following:

Communication process

Speech types

Famous speakers and their speaking style(s)

Mass media

**\*\*This course is dependent upon availability of instructor and class size requirements.**

**01099G1000- Reading Support (1 Credit/1/2 Each Semester)**

This course is designed to provide identified students with intensive reading instruction to achieve grade-level proficiency and improve upon reading analysis and comprehension skills. **Students will be placed in this course based upon eighth grade reading assessment scores, class average scores, recommendation by 8<sup>th</sup> grade instructors, and/or parent/student request.**

**MATHEMATICS COURSES**

**02073G1000- Geometry with Data Analysis (1 Credit—1/2 Each Semester)**

This course is the first of three required courses in high school mathematics. In

Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. **Students are encouraged to provide their own scientific calculator.**

**02996G1000- Math Lab (1 Credit—1/2 Each Semester)**

This course serves as instructional support (labs or intervention periods) for students in Geometry with Data Analysis. **Students will be placed in this course based on Global Scholar/Scantron, MyPath, Mastery Connect, class average scores (maximum of a 74.5 numerical average in 8<sup>th</sup>-grade/Pre-Algebra) recommendation by 8<sup>th</sup> grade instructors, and/or parent/student request.**

**02073H1000- Honors Geometry with Data Analysis (1 Credit-1/2 Each Semester)**

This is the first of three required courses in high school mathematics. In Honors Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study.

**Prerequisite: 90 or above in Math 8.**

**SCIENCE COURSES**

**03051G1000- Biology (1 Credit - 1/2 Each Semester)**

An introductory life science course that

exposes students to rigorous study of the characteristics of organisms. Topics include an in depth study of cells and organization, chemistry of life, metabolism, and energy transformation within organisms and environmental systems, interdependence of organisms, genetics, heredity, and adaptations, classification of plants and animals. In addition to research based class work and activities, students will also be expected to complete major laboratory activities and reports. Dissections may be included.

**03051H1000- Honors Biology (1 Credit - 1/2 Each Semester)**

An advanced, fast paced, pre-AP science course with rigorous academic standards. Topics include an in depth study of cells and organization, chemistry of life, metabolism, and energy transformation within organisms and environmental systems, interdependence of organisms, genetics, heredity, and adaptations, classification of plants and animals. In addition to research based class work and activities, students will also engage in laboratory experiences and independent projects.

**Prerequisite:** A minimum of an 80 numerical average in prior honors Science course or a 90 numerical average in regular Science.

**03101H1000- Honors Chemistry (1 credit - ½ each semester)**

Designed for the college-bound student, this pre-AP Chemistry is a rigorous physical science that deals with the structure and composition of materials and the changes in composition of these materials. **NOTE: Students are encouraged to have a Scientific Calculator. Prerequisite: C or better in Algebra I and 80% mastery of**

**Physical Science standards as determined by placement test.**

**03159H1000-Honors Physical Science (1 Credit- ½ Each Semester)**

This advanced inquiry-based course with engineering design integration provides investigation of the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.

**NOTE: Students are encouraged to have a Scientific Calculator. This course is for Accelerated Academy students that did not meet the Algebra I and/or Physical Science mastery qualifications for Honors Chemistry.**

**03097G1009- Research and Design in Biology/Physical Science (1 Credit- ½ Each Semester)**

This is an elective course for the science-interested students who wish to devote time daily to scientific inquiry. Students enrolled in this course will focus heavily on district and GEARSEF science fair projects.

**SOCIAL STUDIES COURSES**

**04053G1000- World History: 1500 to Present (1 Credit - 1/2 Each Semester)**

This course is a required social studies course for students in Alabama schools. It directs students to think critically about the various forces that combined to shape the world today. Emphasis will be placed on the geographical impact, development of civic knowledge and responsibilities, and emerging economic systems within a chronological context. Knowledge and understanding gained during the eighth grade study of World History and Geography from A.D. 1500 provide the foundation for the critical analysis required in

this course.

**04053H1000- Honors World History (1 Credit – 1/2 Each Semester)**

This is a pre-AP course of chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present. This course is geared towards above-average, well-motivated students and moves at a rapid pace. **Prerequisite: A minimum of an 80 numerical average in prior honors History course or 90 numerical average in regular History.**

**230017- Honors / Dual Enrollment United States History I**

**(Beginnings to the Industrial Revolution)  
1 credit**

This course will consist of the following objectives: to study the major themes of U.S. history from the European background and founding of the first colonies to the Industrial Revolution; to reinforce study skills and to encourage students who possess a high degree of motivation to undertake a fair degree of self-guided, outside reading in addition to the requirements of the course; to create a greater awareness of both the world role of a major nation and the individual role of a responsible citizen. **This course uses a college textbook.** *Note: Students wishing to earn credit towards the honors endorsement but not wanting to earn any type of college credit (ie, dual enrollment or AP credit) should take this course. Prerequisite: A 90 or above average in prior World History course, or an 80 or above in Honors World History.*

**Dual Enrollment Requirements to earn credit for HIS 201:**

- **The student must register as a CVCC student through CHS.**
- **The student must pass the class with a 70 average and pay required CVCC course fee in order to receive Dual Enrollment credit.**
- **Grades for CVCC may differ from the student's CHS grade.**
- **Final exams taken in a dual enrollment course may not be exempted.**

**04999G1009- World History Through Film (1 Credit- ½ Each Semester)**

**\*\*\* Elective Credit- Does not fulfill a social studies requirement for diploma.**

Films have been created which cover much of world history. This course will look at how various aspects of history are portrayed in films and contrast that with “how it really was.” Both the filmmaker and historian share common methodology. They study appropriate sources, then select and arrange facts to tell their story. It is the historian’s task to separate fantasy from fact. A major goal of this course is to determine what is valid in contemporary films and historical dramas. Prior to watching the films, students will learn about the geographic and historic factors that combined to create the historical topic of the film. They will use maps, and primary and secondary source documents, to create a framework for understanding the area and time period before watching the film. After watching the film, students will participate in activities that require research, writing, and presentation skills to evaluate the film in comparison to actual events.

**\*\*This course is dependent upon availability of instructor and class size requirements.**

## **PHYSICAL EDUCATION COURSES**

### **08017G1000- Beginning Kinesiology (1 Credit - 1/2 Each Semester)**

Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. **ALL students must successfully complete this course to earn an Alabama High School Diploma. Students are required to dress out daily in order to participate. There is a \$5.00 locker fee for this course.**

### **08005G1002- Strength and Conditioning**

#### **(1 credit - 1/2 Each Semester)**

Elective course for students involved in non-athletic PE sports programs at CHS. The class will consist of weight training 1-2 **times** per week, running/speed development, plyometric and various exercise techniques to enhance athletic performance.

**Students are required to dress out daily in order to participate. Prerequisite: Students must participate in a CHS sport and have the coach's recommendation.**

## **Athletic PE**

### **(1 credit - 1/2 Each Semester)**

Baseball II	08013G105
Basketball II	Boys-08013G10B2/ Girls-08013G10G2
Cross Co II	08013G1021
Football II	08013G106
Golf II	08013G1027
Tennis II	08011G102
Soccer II	08013G1032
Softball II	08013G107
Wrestling II	08013G108

**Students are required to dress out daily in order to workout. This course may be**

**substituted in place of the required LIFE course. \*\*\* Recommendation Only- Students will be placed in these courses based on athletic coach designation\*\*\***

## **CAREER TECHNICAL COURSES**

### **Government/Administration**

#### **09101G1001- Naval Science I (NJROTC) (1 Credit—1/2 Each Semester)**

The mission of the NJROTC program is to instill in students the value of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. The first year of the Naval Science curriculum will focus on the origins and purpose of the program, leadership development, physical fitness, military drill, and uniform/grooming standards. In addition to the aforementioned topics, students will gain an understanding of: the military services as a possible career, the importance of education in today's society, and the basic elements and requirements for national security. These elements are pursued at a fundamental level. **This course may be substituted in place of the required LIFE and Career Preparedness courses.**

## **STEM ACADEMY**

### **ARTS/AV COMMUNICATION**

Television Production provides students with a basic overview of television production skills and professions. Students participate in classroom and laboratory activities regarding all aspects of television performance, production, and operations. Students are also exposed to a variety of real-world learning opportunities through laboratory experiences in photography and editing. Students perform specialized roles in a regularly scheduled television program to include Television Production—Writing, Producing, and

Performing, and Television Production—Studio Operations. The Career Technical student organization for students in all Technical courses is **SkillsUSA**.

**11990G1001 - Foundation of Arts, Audio-Video Technology and Communication (1 Credit – 1/2 Each Semester)**

A one-credit course designed to introduce students to the area of Television Production.

**Prerequisite: Students must have the Arts/AV Communication pathway on their 4-year plan or have it added to their 4-year plan, and a minimum overall 80 average in English. CRI: Adobe Certified Professional**

**COMPUTER SCIENCE**

**10012G1001 - Exploring Computer Science**

**(1 Credit – ½ Each Semester)**

Exploring Computer Science is an introductory year-long high school computer science course for students in Grades 9-10 focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems.

The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design,

limits of computers, and societal and ethical issues.

Exploring Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required.

**CRI: Microsoft Technology Associate: Introduction to Programming using Java**

**ENGINEERING**

Engineering is designed to offer students an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematics principles used in problem solving through the engineering design process. Students will also explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering. Students will also learn about systems involved in the engineering research and design process. Topics include fluid, thermal, mechanical, and electrical systems. The Career Technical student organization for students in all Technical courses is SkillsUSA or the Technology Student Association (TSA).

**21017G1000 - Introduction to Engineering Design - PLTW (9-10)**

A one-credit course that uses a design

development process while enriching problem-solving skills. Students create and analyze models using specialized computer software. **Prerequisite: Students must have the STEM pathway on their 4-year plan or have it added to their 4-year plan and a minimum overall 80 average in their Science and math courses.**

**CRI:** Autodesk Certified User

### **MECHATRONICS**

#### **17049G1000 - Safety and Health Regulations- 1 credit**

This course is designed to provide students with an understanding of basic safety standards, governmental and industry regulations, and individual responsibilities in workplace safety and health practices. Content focuses on identifying common safety hazards and minimizing or avoiding unsafe practices.

**Proof of insurance is required.**

**CRI:** Construction and Safety Test

### **BUSINESS EDUCATION**

#### **22153G1000- Career Preparedness (1 Credit – 1/2 Each Semester)**

The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience

**CRI:** Internet Core Competency Certification

**12002G1001- Business Technology Applications (1 Credit- 1/2 Credit Each Semester)** A one-credit foundation course designed to assist students in developing technological proficiencies in word

processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. **\*\*Students must have a business education pathway as part of their four year plan in order to enroll in this course in 9<sup>th</sup> grade.**

**CRI:** Microsoft Office Specialist

#### **12053G1000 - Entrepreneurship 1 credit**

This course is designed to provide students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations.

**\*\*Students must have a business education pathway as part of their four year plan in order to enroll in this course in 9<sup>th</sup> grade. Must be taken in conjunction with Business Technology Applications or Business Essentials.**

**CRI:** Internet Core Competency Certification

#### **12002G1002 - Business Essentials 1 credit**

**Description:** This is a foundation course where students develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers. **Qualifying completers of this course will be eligible to be tested to receive the ASK Institute – Concepts of Entrepreneurship and Management certification.**

**CRI:** Internet Core Competency Certification OR Microsoft Office Specialist



**12163G1001- Sports and Entertainment Marketing Fundamentals (1 Credit- ½ Each Semester)** - This business marketing class is a one-credit specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment Marketing includes events such as fairs, concerts, trade shows, festivals, plays, product launches, causes, etc. **\*\*Students must have a business education pathway as part of their four year plan in order to enroll in this course in 9<sup>th</sup> grade. Must be taken in conjunction with Business Technology Applications or Business Essentials.**

**CRI:**Internet Core Competency Certification OR Microsoft Office Specialist

### **15057G1002 - Law in Society**

**1 credit**

This course is designed to acquaint students with the basic legal principles common to business and personal activities. This course is an overview of criminal, civil, contract, and consumer law.

**CRI:** Internet Core Competency Certification

**Must be taken in conjunction with Business Technology Applications or Business Essentials.**

## **HEALTH SCIENCE**

The optional Career Technical student organization for students in Healthcare classes is **HOSA: Future Health Professionals**. **The fee is \$20.**

### **14002G1002 - Orientation to Health Science -1 credit**

This course is designed to assist students in making informed decisions regarding their college and career goals. Students will be given the opportunity to apply knowledge and skills related to the Health Science cluster.

The course also includes information concerning the practices for promoting health, wellness, and disease prevention. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

**The purchase of scrubs and proof of insurance are required. Prerequisite: A student may not sign up for this course unless it is listed on his/her four year plan. Priority will be given to incoming sophomore students for class enrollment.**

## **FINE ARTS COURSES**

**(Unless otherwise noted, each of these courses satisfies the fine arts requirement for an Alabama High School Diploma.)**

### **05154G1001- Visual Arts, Introduction to Visual Arts I**

**(Grades 9-12)**

**1 credit**

This novice-level course is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and

experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized. **A \$15.00 materials fee is required.**

### **05052G1001- Introduction to Theatre 1**

**(Grades 9-12) 1 Credit**

This one credit course, proficient level, explores beginning theater, creating performing, responding and connecting drive, critical thinking, meaning, reflection production, and assessment to understand how theater communicates ideas and allows for self-expression students will study, write or perform scenes and monologues. Students will also be introduced to basic history of theatre and technical theatre.

### **05060G1001 - Introduction to Musical Theatre 1 (Grades 9 - 12) 1 Credit**

This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. This class is a participation and performance based class.

Attendance is imperative. There will not be any make up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. **Prerequisite: Audition only. There is a \$50 class fee.**

### **05056G1001- Introduction to Technical Theatre (Grades 9 - 12) 1 Credit**

Students must have health insurance or purchase school insurance to be enrolled in this class. This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials. This class is a participation and performance based class. Attendance is imperative. There will not be any make up assignments for unexcused absences and anyone that has two unexcused absences from rehearsals will be removed from the show. **Prerequisite: Teacher approval through application. There is a \$50 class fee.**

### **05110G1001/05110G1002 - Intro to Mixed Chorus I or Mixed Chorus II (Grades 8-12) 1 credit**

This is a one credit course designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading

techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This is a performance-based course in which membership is open to any student with a desire to participate in vocal performance. A very strict school and rehearsal attendance policy will be adhered to; participation work cannot be made and students will receive a 0 for any absences without a doctor's note. Participation at ALL performances is a requirement of the course. **A \$25 class fee is required. Prerequisite: no class prerequisite for Mixed Chorus I**

### **05111G10C1- Intro to Chamber Chorus I (Grades 9-12) 1 Credit**

This is a one credit course designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. Prior knowledge of singing, reading music, and understanding musical concepts is required for membership. A very strict school and rehearsal attendance policy will be adhered to; participation work cannot be made and students will receive a 0 for any absences without a doctor's note. Participation at ALL performances is a requirement of the course. **A \$25 class fee is required. Prerequisite: Audition only; no class prerequisite for**

***Chamber Chorus I, previous Chamber Chorus course completion for upper levels.***

### **05121G1001- Intro to Show Choir I (Red Devil Resonance) (Grades 9-12) 1 Credit**

This is a one credit course designed for students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection. Attendance at ALL performances is a requirement of the course. This course is very physically active as students will be dancing for the entirety of most class periods. A very strict school and rehearsal attendance policy will be adhered to; participation work cannot be made and students will receive a 0 for any absences without a doctor's note. **A \$50 class fee is required. Prerequisite: Audition only; no class prerequisite for Show Choir I, previous Show Choir course completion for upper levels.**

### **05103G05 - Red Devil Regiment Marching Band (Grades 9-12) \*\*1/2 credit**

1 credit received as enrolled in Symphonic Band, Concert Band, or Percussion Class  
The Central High School Red Devil Regiment

Marching Band is comprised of members of the Symphonic Band, Concert Band, Percussion Class, and the Visual Ensemble Classes. Red Devil Regiment rehearses after school and travels to at least one contest per season. Red Devil Regiment also performs at various parades, pep rallies, and other community events as requested. All members are given the opportunity to participate in fundraiser(s) in order to offset fees. Students must meet No Pass-No Play Standards to participate in the Marching Band.

*Prerequisite: Audition and/or Middle School Director Recommendation.*

### **05109G10P2 - Percussion Ensemble (Drum Line) (Grades 9-12) 1 credit**

Members of the Percussion Class are members of the Red Devil Regiment Marching Band. They are expected to be well-trained musicians with competence in rudimental techniques as well as keyboard instruments. Membership is by audition and by recommendation from the Percussion Instructor. Selected Percussion members must be enrolled in the Percussion Class and are required to be members of the Red Devil Regiment Marching Band. Members of the Red Devil Regiment Marching Band are expected to be at all rehearsals and performances as determined by the band director. Students in Percussion Class will have the opportunity to exempt all physical education requirements. Members will also have the opportunity to perform with other percussion groups including, but not limited to, Concert Percussion Ensemble and Indoor Percussion Ensemble (additional fees are required for Indoor Percussion Ensemble members). **Students must meet No Pass-No Play Standards to participate in Marching Band.** *Prerequisite: Audition and/or Middle School Director Recommendation.*

### **05149G1001 - Symphonic Band (Grades 9-12) 1 credit**

The Symphonic Band is the premier ensemble for the Central High School Band program. Symphonic Band members are auditioned for placement each year and must follow strict standards of performance and exhibit the highest standards of musicianship and behavior. The high school band director must approve entrance for any student in Symphonic Band. All students in Symphonic Band are also required to be members of the Red Devil Regiment Marching Band. The Symphonic Band will perform several concerts throughout the season and participate in Music Performance Assessment, All-State Band, and other concerts as determined by the band director. Members in the Symphonic Band will be required to attend all concerts and rehearsals for the band program. Students in Symphonic Band will have the opportunity to exempt the physical education requirement. *Prerequisite: Audition and/or Director Recommendation.*

### **05102G1002- Concert Band 2 (Grades 9-12)**

#### **1 Credit**

The Concert Band is the secondary ensemble for the Central High School Band program. Concert Band members are auditioned for placement each year and must follow strict standards of performance and exhibit the highest standards of musicianship and behavior. The high school band director must approve entrance for any student in Concert Band. All students in Concert Band are also required to be members of the Red Devil Regiment Marching Band. The Concert Band will perform several concerts throughout the season and participate in Music Performance Assessment, All-State Band, and other

concerts as determined by the band director. Members in the Concert Band will be required to attend all concerts and rehearsals for the band program. Students in Concert Band will have the opportunity to exempt the physical education requirement. **Prerequisite: Audition and/or Director Recommendation.**

## **05106G10I2- Solo and Ensemble 2 (Grades 9 -12)**

### **1 credit**

Students are selected from the wind player membership of the Central High School Band program to participate in Band Solo and Ensemble Class. All students must be enrolled in either Concert or Symphonic Band and are placed into Solo and Ensemble Class by director recommendation. Members of the class are expected to be well-trained musicians and audition for All-State Band and participate in Solo and Ensemble Festival. Students will have the opportunity to prepare for various honor bands, college auditions as well as study music theory and pedagogy.

**FINANCIAL OBLIGATION: All-State Audition, Solo and Ensemble Fees, Honor Band Fees. Prerequisite: Audition and/or Director recommendation.**

## **11149G1001- Yearbook (1 Credit - 1/2 Each Semester)**

This one-credit elective course involves the publication of the school yearbook. Activities include writing, editing, preparing copy, design, photography, and layouts. **Students are required to sell ads to the local business community and yearbooks to classmates for this course.** After school work is required when deadlines must be met. **Prerequisite: An overall B average and two letters of recommendation with one of them being from the current year's English teacher.**

**CFA Yearbook sponsor approval also required.**

## **SERVICES OFFERED UNDER IDEA (Individuals with Disabilities Educational Act)**

**22151X1001- Transition Services I (1 Credit—1/2 Each Semester)** This course is designed to teach beginning transition skills to junior high/high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school.

## **01001X1001- English Essentials 9 (1 Credit—1/2 Each Semester)**

This course is designed to provide a practical knowledge of reading, literature writing and language, research and inquiry and oral and visual communication. **Enrollment in this course is based on individual educational plans.**

## **02072X1000 - Essentials: Geometry with Data Analysis (1 Credit—1/2 Each Semester)**

Essentials Geometry with Data Analysis is the first of three required courses in high school mathematics for students on the Essentials Pathway. In Essentials Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Essentials Geometry with Data Analysis is

Grade 8 Mathematics. **Enrollment in this course is based on individual educational plans.**

**04051X1000- Essentials I: World History (1 Credit—1/2 Each Semester)**

This course is a study of world history from 1500 to the present. Students are able to apply and utilize their knowledge to develop informed opinions about issues such as the quest for peace, human rights, trade, global ecology and the impact each has on everyday life situations. Teachers must meet highly qualified teacher status for the appropriate course and grade. Enrollment in this course is based on individual educational plans.

**03051X1000- Essentials: Biology (1 Credit—1/2 Each Semester)**

This course is designed to provide students with practical knowledge of Biology including process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles. Teachers must meet highly qualified teacher status for the appropriate course and grade. **Enrollment in this course is based on individual educational plans.**

class designed to provide individual instruction and direct supervision for students who are determined to be eligible by test scores. Emphasis is placed on functional academics, social adjustment and development of independent living skills through participation in an instructional setting, a family living unit (including kitchen and laundry). Students are mainstreamed (with the support of a paraprofessional) whenever appropriate to include but not limited to lunch with non-exceptional peers, regular P.E. with necessary support and modifications by the paraprofessional, and inclusion in all school functions. **Enrollment in this program is based on individual educational plans.**

## **SECONDARY GENERAL**

### **STUDIES UNIT**

This unit functions as a special education