

CENTRAL FRESHMAN ACADEMY



2018-2019

Course Selection Guide

CENTRAL FRESHMAN ACADEMY

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GENERAL INFORMATION

Family Educational Rights and Privacy Act (FERPA)	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.
Transfer Credits	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 21st century. Each student will follow four steps in selecting courses for the 2018-2019 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**

<p>GRADUATION AND GRADE PLACEMENT REQUIREMENTS</p> <p>Must have earned 6 credits to be classified as a Sophomore.</p> <p>Must have earned 12 credits to be classified as a Junior.</p> <p>Must have earned 18 credits to be classified as a Senior.</p> <p>Must have earned 25 credits to graduate.</p>

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 High School 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 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
- and Geometry
- 4 credits in Science, including Biology, and a
- physical science
- 4 credits in Social Studies
- 1 credit in Life 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:**
 - Minimum of Algebra II with Trigonometry
 - 1 foreign language course in sequence
 - 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
- 10th grade-15 hours
- 11th grade-20 hours
- 12th 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 their 9th grade year.

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 LIFE (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

200005- 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, outline, bibliography cards, and works cited page for a research paper. This course contains application activities that teach oral and visual communication skills demanded in the workforce.

200006- 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 of a book that will be determined by the teacher and a corresponding assignment and test are required and can be found on the school website. Both the assignment and test are valued at one test grade each. **Prerequisite: Writing assessment, minimum of an 80 numerical average in prior Honors English course or 90 numerical average in regular English course, and teacher recommendation.**

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

Summer Reading Requirements:

- **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.**
- **Two corresponding assignments will count as test grades**
- **See the school's website Guidance section for the Summer Reading List.**

200010- Honors English 10 (1 credit - ½ Each Semester)

This pre-AP course involves a brief review of grammar, mechanics of the language, and library 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. **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 (2 books) assigned by the teacher. Students are encouraged to utilize the school and local libraries to obtain these books.**

- **Two corresponding assignments will count as test grades**
- **See the school's website for the Summer Reading List.**

200061- Remedial Reading (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 Global Scholar/Scantron, MyPath, Mastery Connect, class average scores, recommendation by 8th grade instructors, and/or parent/student request.**

200042- Public Speaking (1 Credit/1/2 Each Semester)

This elective course will introduce students to the process and techniques of public speaking and presentations. Students will learn the basics of extemporaneous, demonstrative, persuasive, and informative oral communication. Students engage in speech writing and delivery.

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

MATHEMATICS COURSES

210008- Algebra IA (1 Credit - 1/2 Each Semester)

This course will cover abstract concepts of Algebra I. Students will apply the concept of variables as they write and simplify algebraic expressions equations and functions. Students will explore the basic operations as applied to integers and rational numbers. Crucial skills and concepts involved in solving formulas and multi-step equations will be addressed. Students will apply the process of mathematical modeling to real-world problem solving situations using the proportional reasoning background needed to make connections between algebraic and geometric models. This course also analyzes linear equations by writing equations in slope-intercept, point-slope, and standard forms. Students will also solve and graph linear inequalities, including multi- step and compound inequalities. Students will also be solving sentences involving absolute value. This course will also include solving systems of linear equations and inequalities. Students will be required to explore polynomials, which will include adding, subtracting, multiplying and factoring. Students will solve equations by factoring and solve quadratic equations by using the quadratic formula. Students will simplify rational expressions and equations as well as radical expressions and equations. Calculators will be used extensively throughout this course. **Prerequisite: A maximum of a 74.5 numerical average in 8th-grade/Pre-Algebra math class.**

210005- Algebra I (1 Credit - 1/2 Each Semester)

This course is designed to develop a mathematics vocabulary and to cover the

fundamental ideas and techniques of algebra. This course is fast paced and a study of equations, algebraic expressions, word problems, rules of exponents, polynomials, factoring, functions and graphs. A primary theme of the course is the renaming of one expression into an equivalent expression.

Prerequisite: A minimum of an 74.5 numerical average in 8th-grade/Pre-Algebra math class or a numerical average below an 80/less than 80% mastery of standards from Algebra I.

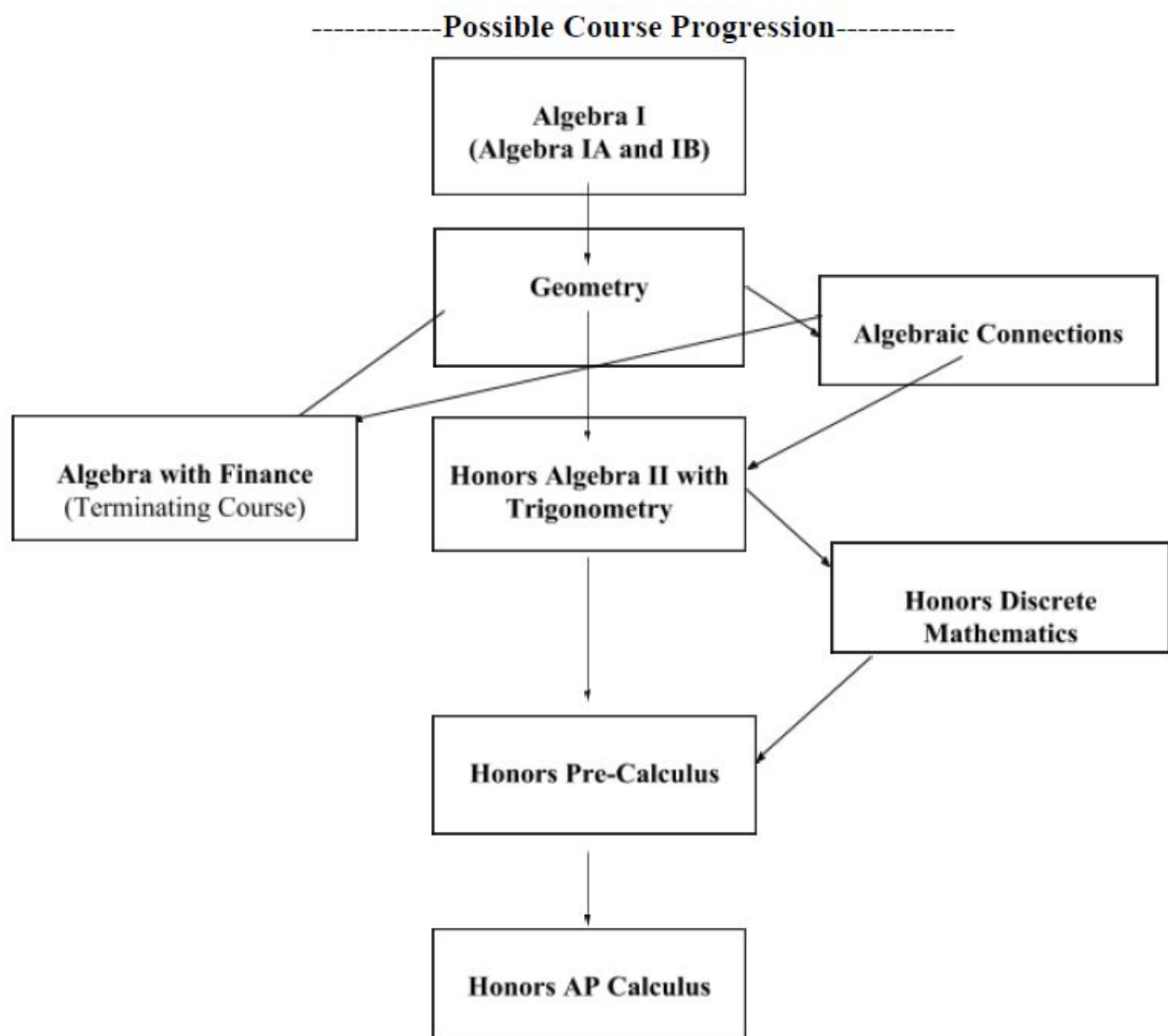
210011- Honors Geometry (1 Credit—1/2 Each Semester) Geometry is a pre-AP course that utilizes an axiomatic approach to the study of plane and solid figures. The student solves problems using deductive, inductive, and indirect reasoning with an emphasis on deductive proofs. **Students are encouraged to provide their own scientific calculator.**

Prerequisite: Credit of Algebra I earned in 8th grade.

210033- Math Support (1 Credit—1/2 Each Semester)

This course is designed to provide identified students with foundational mathematics instruction to achieve grade-level proficiency and improve upon basic math skills. **Students will be placed in this course based upon Global Scholar/Scantron, MyPath, Mastery Connect, class average scores, recommendation by 8th grade instructors, and/or parent/student request.**

MATHEMATICS CURRICULUM FLOW CHART



SCIENCE COURSES

220011- 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.

220012- 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, and teacher recommendation.

220062- Honors Chemistry (1 credit - 1/2 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.**

220052- Honors Physical Science (1 Credit- 1/2 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.

220045ab- Botany (1 Credit- 1/2 Each Semester)

This elective is the scientific study of plants and their relationship to the environment. In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Laboratory and outdoor experiences complement classroom activities.

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

SOCIAL STUDIES COURSES

230013- World History and Geography Since 1500 (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.

230014- 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 and teacher recommendation.**

230027- World History, Advanced Placement (AP 1 Credit - ½ Each Semester)

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 and teacher recommendation.**

230032ab- Alabama History (1 Credit – 1/2 Each Semester)

This course surveys the development of the state of Alabama from pre-historic times to the present. The course presents material on the discovery, exploration, colonization, territorial period, ante-bellum Alabama,

Reconstruction, and modern history.

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

PHYSICAL EDUCATION COURSES

240002- Lifelong Individualized Fitness Education (LIFE) (1 Credit - 1/2 Each Semester)

The goal of the LIFE course is for students to make physical activity a part of their lives beyond high school. The focus of the required high school physical education course is health-enhancing activity. LIFE provides a blueprint for a lifetime of healthy living. Students will learn to apply various aspects of fitness and to assess their own fitness levels. LIFE is not the traditional course composed of sports units. It utilizes a variety of health-enhancing activities derived from modifying sports and games as a vehicle for reinforcing and applying fitness components and principles. **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.**

Male Athletic PE (1 Credit – 1/2 Each Semester)

This course will consist of strength and conditioning development through lifting weights, running, agility drills, plyometrics and other exercise techniques to enhance the athletic performance of all male athletes. **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*****

Female Athletic PE (1 credit –1/2 Each Semester)

This course will consist of strength and conditioning development through lifting weights, running, agility drills, plyometrics and other exercise techniques to enhance the athletic performance of all female athletes. **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

480061- 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**.

440004 - 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, and/or a teacher recommendation.**

COMPUTER SCIENCE

520043 - Exploring Computer Science (1 Credit – ½ Each Semester)

This course is an introductory year-long course for students 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.

****Students must have completed Algebra I with an overall average of 80 or higher prior to enrollment. ECS 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. The Coding/Computer Science pathway as part of their four year plan in order to enroll in this course in 9th grade.**

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).

560015 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, and/or a teacher recommendation.**

BUSINESS EDUCATION

The Career Technical Student Organization for classes in business is Future Business Leaders of America (FBLA).

400025- 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

450009- Foundations of Business

Leadership (1 Credit – ½ Each Semester)

This elective course develops an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in any career. Students examine leadership and management materials to determine impact on business and industry and legal and ethical behavior, determine how resources are managed to achieve company goals. **Prerequisite: 2.75 or higher GPA, no discipline referrals, and Career Tech teacher recommendation.**

450006- Business Technology Applications (1 Credit – ½ Each Semester)

This elective is a 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. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for application of knowledge and skills. ****Students must have a business education pathway as part of their four year plan in order to enroll in this course in 9th grade.**

FINE ARTS COURSES

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

286100 - 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.**

285100 Introduction to Theatre 1 (Grades 9-12) 1 Credit

This one credit course, proficient level, explores beginning theatre, creating performing, responding and connecting drive, critical thinking, meaning, reflection production, and assessment to understand how theatre 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.

285101 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.**

285102 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.**

283600 - Intro to Mixed 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. 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**

283604 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.

283605 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.**

283203 - 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 Marching Band. Prerequisite: Audition and/or Middle School Director Recommendation.**

283212 - 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.**

283200 - 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.*

283200 - Concert Band (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.*

283206 - 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.**

200036aa- 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, and layouts. **Students are required to sell ads to the local business community 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)
700005- 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.**

700016- Algebraic Essentials A (1
Credit—1/2 Each Semester)

This course provides students with the opportunity to learn basic operations involving whole numbers, fractions, and consumer skills such as computing change and check writing skills. **Enrollment in this course is based on individual educational plans.**

700031- 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.

750201- 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.**

SECONDARY GENERAL
STUDIES UNIT

This unit functions as a special education 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.**

Name: _____ Date Completed: _____
 (Last Name, First Name)

Diploma Endorsement: _____

Post Secondary

Goal: _____

CFA SCHEDULE REQUEST FORM

ENGLISH (Circle 1)	English 9	Honors English 9	Honors English 10	English Essentials 9
SOCIAL STUDIES (Circle 1)	World History	Honors World History	Essentials: World History	
SCIENCE (Circle 1)	Biology	Biology Honors	Honors Chemistry Honors Phy. Science	Essentials: Biology
MATHEMATICS (Circle 1)	Algebra IA	Algebra I	Honors Geometry	Algebra Essentials A
CAREER PREPAREDNESS (Circle 1 if not AA)	Full Course (FULL CREDIT)	ROTC 1/2		
PHYSICAL ED (Circle 1)	LIFE	ROTC (1/2)	Athletic PE *coach request only*	Concert Band/Marching Band (2 years)
ELECTIVE(S) (Circle top three choices and number)	Business Technology Applications Exp. Comp. Science Fnd. Business Leadership *teacher approval	TV Productions Engineering Public Speaking Yearbook *teacher approval*	Theatre Jazz Band *teacher approval* Solo Ensemble *teacher approval* Visual Arts Vocal	Botany Alabama History Math Support Reading Support

STUDENT'S SIGNATURE: _____

PARENT'S SIGNATURE: _____