



FULTON H.S.
2020-2021
COURSE GUIDE

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Schedule Materials

Your Career Objective(s) should be the most important factor in the courses you finally choose. If you are not sure about the courses you should take, review your EDP or contact the guidance office for this information.

Fulton High School will attempt to provide the classes that enable each student to reach his/her full potential educationally. Fulton High School also reserves the right to make final determination of class offerings and student schedules.

All courses are open to qualified students without regard to a student's religion, race, color, national origin, sex, height, weight, marital status or handicap.

MINIMUM GRADUATION REQUIREMENTS

4 credits in MATH Algebra I, Geometry, Algebra II (Advanced Algebra), and a math class during the senior year.

4 credits in SCIENCE Physical Science, Earth Science, Biology and your choice of Chemistry or Physics

1 credit in PHYSICAL EDUCATION To be completed in 9th Grade.

½ credit in HEALTH EDUCATION To be completed in 9th Grade.

½ credit in CAREERS To be completed in 9th Grade.

3 credits in SOCIAL STUDIES U.S. History, U.S. Government (1/2 credit), Economics (1/2 credit), and World History

4 credits of ENGLISH (English 9, 10, 11, 12)

1 credit in FINE ARTS Art or Band

2 credits in a WORLD LANGUAGE (2016 and beyond) (Spanish)

TOTAL UNITS OF CREDITS TO GRADUATE: 27

All Fulton students must take the ACT and MME testing to earn a diploma.

***Students must pass both halves of each required class and each quarter of English 9 and Algebra I to meet graduation requirements.**

*There are attendance requirements to receive credit for graduation-Refer to your Student Handbook. Most Fulton students will graduate with 30 or more credits.

FULTON HIGH SCHOOL MISSION STATEMENT

The students, staff, parents and community members of Fulton High School are committed to providing a safe environment in which all students will become responsible, successful learners and be prepared to meet life's challenges and opportunities as productive members of society through the continued development of:

- essential academic and technological skills as defined by our curriculum
- student awareness of career and educational planning
- communication, problem solving and human relations skills

NCAA Clearinghouse Eligibility

The NCAA determines athletic eligibility based on the core courses you take in high school and your College Testing scores. Guidelines are available in the office. Be sure to see the counselor if you are interested in college athletics.

Scheduling Expectations

We encourage all of our students to challenge themselves by registering for classes that help you as a student to maximize your potential. Follow a curriculum strong in academics. Try a variety of classes from many departments so that you may explore new experiences that you may now be unaware. We ask that you make a commitment to the classes for which you register. Decisions are made on which classes to offer based on the interest shown in registration. Changes to the schedule following registration should be kept to a minimum.

FULTON HIGH SCHOOL ACADEMIC COURSES

BUSINESS

Introduction to Business

Important Note: Students who have previously taken ABT may not take this class.

This course is designed to provide students with fundamental business skills. These skills will be developed through hands-on computer activities, simulations, and the exploration of a textbook. Some topics covered in the textbook include banking, payroll, career exploration, business organization and management, marketing, technology, consumer decisions, consumer credit, savings and investment strategies, and insurance. Focus will be placed on improving keyboarding skill for accuracy and speed. Students also will learn how to format simple documents using Microsoft Word and create and manage spreadsheets using Microsoft Excel. This course is open to all students who have not previously taken ABT, but it is recommended to be taken as either a freshman or sophomore.

Advanced Business

Prerequisite: Successful completion of Introduction to Business or ABT.

This course focuses on building and adding on to the skills learned in Introduction to Business. Students will further improve their keyboarding skills and ability to produce more complex documents. They also will create effective presentations using Microsoft PowerPoint, manipulate data using Microsoft Access, and create a wide assortment of publications (newsletters, brochures, business cards, magazine covers and restaurant menus) using Microsoft Publisher. Students also will gain skills in business math and web page design. This course is open to all students who have successfully completed Introduction to Business or ABT.

Technology in Career Exploration

This semester long course will introduce students to writing cover letters, producing and maintaining resumes, generating networking techniques, interview skills (individual and panel), and job shadowing opportunities. The students will also build an Educational Development Plan required by many universities and colleges for admission. All students will create an electronic portfolio to take with them after class. **Available for Juniors and Seniors.**

Careers

This is a nine weeks course, which will incorporate a 20-hour on-line experience from Michigan Virtual High School exploring career options. Students will also explore a career textbook and create a career portfolio. In addition, instruction will be given on the appropriate use of the Internet and technology in today's educational setting and in society in general. **Freshman requirement.**

Accounting I

Students interested in the field of accounting should register for this class. Students will be introduced to accounting, including the complete accounting cycle. The course includes a combination of textbook study and manual problem solving. Major units covered include accounting for a service business and accounting for a merchandising business. Students will also study the differences between proprietorships, corporations, and partnerships. **May be used to meet senior math requirement.**

Work Experience

Work Experience is designed to give students the opportunity to gain valuable work experience while still attending high school. It will also allow students to develop academic, personal management, and teamwork skills. Students will be responsible for obtaining and maintaining their own employment. Release time of 1 block per semester, during 1st or 4th block, is given to students enrolling in this class. Students must work a minimum of 8 hours on average every week. The student is required to turn in a weekly time sheet signed by the employer verifying the hours worked each week. **This course is available to seniors during first and/or second semester.**

LANGUAGE ARTS (4 credits required for graduation)

English 9

This required course integrates language, literature and composition. Students read at least one novel, one play and an assortment of short stories and poems. Students write small pieces (journals, reactions to literature, etc.) on a regular basis with on the needs of the class. The class includes a unit on public speaking. Weekly silent reading time is an additional component of the class, along with an independent novel project. **Freshman requirement.**

English 10

This required course integrates the literacy skills of reading, writing, speaking, listening, and critical thinking. Students read two novels (one as a whole-class novel study and one in literature circle groups), an assortment of shorter literature (short stories, poems, memoirs, essays, etc.), and the informational texts (newspaper and magazine articles). In addition, students will read teacher-approved novels of their choice and write polished critical analyses in response to their independent reading. Students will write one-draft pieces frequently and produce several polished, process-written pieces over the course of the semester. Formal grammar instruction will be taught on the needs of the class. English 10 includes a unit on public speaking (concluding in a formal speech) and frequent

informal discussions on literature and writing. Written responses to informational texts are aimed at improving students' critical reading and thinking skills.

Sophomore requirement.

English 11

This required course integrates the literacy skills of reading, writing, speaking, listening, and critical thinking. The literacy focus is on American literature: plays, novels, short stories, poems, memoirs, essays, and speeches. In addition, students will read teacher-approved novels of their choice and write polished critical analyses in response to their independent reading. Students will write one-draft pieces frequently and produce several polished, process-written pieces over the course of the semester. Formal grammar instruction will be taught based on the needs of the class. Students will hone their speaking and listening skills by participating in frequent informal discussions on literature and writing. Written responses to informational texts are aimed at improving students' critical reading and thinking skills. **Junior requirement.**

English 12

This is a course integrating the language skills of reading (British literature), writing (writing in response to literature composing a full-dress short story, and completing a major research project), speaking (participating in classroom discussions, conducting discussions based on Bloom's six thinking levels, and giving a major speech), listening (during classroom discussions), as well as the foundations on which these skills are based including a study of spelling and vocabulary and learning to use a language text as a reference tool. **Senior requirement.**

FOREIGN LANGUAGE (2 credits required for the class of 2016 and beyond)

Spanish I

Spanish I provides the first steps to reading, writing and speaking the language. The class begins with simple vocabulary from real-life situations. Students study structure and grammar as a means to clearer communication. Students will also explore the culture and geography of the Spanish-speaking world.

Advanced Spanish

Spanish II continues the work of Spanish I and improves each student's ability to read, write and speak the language. Students work with more complex vocabulary and grammar concepts. The class also includes further study of the culture and geography of the Spanish-speaking world.

Spanish III

Spanish III is an extension of Spanish II by building upon the components of language, speaking, reading, writing, listening and culture. Students will continue to learn Spanish speaking rules and past tense use. Students will express their own thoughts and needs by speaking Spanish.

FINE ARTS (1 credit required for graduation)

Art I

This is a course designed to introduce students to art. Students will learn the basic concepts while exploring techniques and media in both two & three-dimensional areas. The elements & principles of design will be taught while touching upon the background & history of the project. **Available to 9th-12th grades.**

Art II

This course is designed to foster the development of the art student with more technical development in drawing, painting, sculpting clay & design.

Prerequisite: C+ or above in Art I.

Advanced Art

This course has been designed for those students who have taken Art I & II and would like to concentrate in specific media such as clay & sculpting, drawing & design. Those students applying should have a high level of self-motivation and be able to work independently. **Prerequisites: B or above in Art II**

Computer Publications (Previously Yearbook)

This course is offered to students who are interested in working on the Fulton High School Yearbook. Students will learn the dynamics of putting together a yearbook. Layout and design, computer design, marketing, sales and creative writing are a few of the subjects covered. **Open to students in 11th-12th grades who have met the Prerequisite of a C+ in English 10.**

High School Marching Band (Fall)/Concert Band (Spring)

High School Band will teach improved music skills in performance, music theory and music history. Classes are open to students who can read music and play a wind or percussion instrument at an intermediate or above proficiency level. The High School Band is part of a larger ensemble that includes members of the Middle School Band. They meet together in class and perform as a 7th through 12th grade band. Performance is part of the class and participation in scheduled performance is required for earning a passing grade. The number of performances varies from year to year, but typically includes marching band halftime shows, competitions and festival. Concert Band will have three performances per year: festival and Pep Band at 6 to 8 events. The scheduling of performances is based upon the group's ability to perform with acceptable music standards.

A preseason Marching Band Camp is held for one week in early August to work on music and marching fundamentals for the fall marching season. Color Guard auditions will be held in May for the next school year depending on participant numbers set by instructor. Extra credit opportunities include solo & ensemble festival, community performances, cross-age tutoring, workshops & clinics and university Honors Bands.

Also, opportunities for trips to selected musical performances such as university concerts & recitals or musical theatres are offered throughout the year as time, schedules and finances permit. **Students must complete two years of Marching Band to receive credit for the Physical Education Waiver.**

HEALTH EDUCATION (1/2 credit requirement for graduation)

Health

Students will study physical, mental and social health issues, which relate to the body systems. Special units to be covered include drug awareness, human reproduction, and AIDS education. A wellness approach is taken to help students take a responsible stand for their own health and know where to obtain more health information. **Freshman requirement.**

MATHEMATICS (4 credit requirement for graduation)

The study of Mathematics needs to be completed in a specific order. The order of classes taken should be Algebra 1, Geometry, Advanced Algebra, Trigonometry and Pre-Calculus. It is very important to understand that the skills taught in a previous class will be needed to be successful in more advanced class. For example, successful completion of Algebra 1 and Geometry will be essential for any kind of success in Advanced Algebra.

ACT and MME Testing

The ACT and MME Tests cover material from Algebra 1, Geometry, Advanced Algebra and a few beginning Trigonometry questions. Successfully taking this test without completing these classes will be difficult. It is recommended that Algebra 1, Geometry and Advanced Algebra are to be completed by the end of the Student's sophomore year. The student may then take Trigonometry as a Junior which is the same year the ACT Test is administered. Students who wish to attend a four year university for a math or science career are recommended to follow the above plan along with taking Pre-Calculus as a Senior.

State Graduation Requirements

The State of Michigan has set the following guidelines for graduation concerning necessary mathematics credits:

Every student shall successfully complete 4 credits of mathematics.

- 1) Three of those four credits must be the successful completion of Algebra 1, Geometry and Advanced Algebra.
- 2) Every student shall successfully complete a math course in his/her senior year.
- 3) Other courses that can count towards elective mathematics credits are Career Tech Center Math and Accounting and NSpired by Numbers.

Algebra 1

Prerequisite: Successful completion of 8th grade math along with a strong background of fundamental mathematical skills.

Algebra is often referred to as the foundation of all branches of mathematics. Engineers, physicists, chemists, computer programmers, building and trades, along with most industries rely on Algebra to help solve many problems. The topics to be studied include writing and solving expressions, equations, inequalities, absolute values, functions, real life story problems and systems of equations.

Geometry

Prerequisite: Successful completion of Algebra 1. Fundamental knowledge of Algebra 1 is necessary for success in Geometry.

Geometry will explore points, lines and segments to develop postulates, converses and theorems. The use of two column proofs will be studied as they relate to parallel lines, perpendicular lines, congruent triangles and polygons with emphasis on quadrilaterals. This course will also study perimeter, area, volume and basic trigonometric ratios.

Advanced Algebra

Prerequisite: Successful completion of Algebra 1 and Geometry.

Advanced Algebra is a continuation of Algebra 1. The first part of the class will review many of the topics covered in Algebra 1 with harder problems and more real life story problem applications. The second part of the class will discover new topics like matrices, quadratic functions, quadratic formula, cubic functions, complex numbers and different methods of factoring.

Advanced Algebra (Two Block)

Prerequisite: Unsatisfactory score of a “C” or below in Algebra 1 or Geometry, or a teacher/parent recommendation.

Two Block Advanced Algebra covers the same content areas as the fast paced class, except the course lasts the entire school year. The pace of the class will be slower than One Block Advanced Algebra. The second half of Advanced Algebra will discover new topics like matrices, quadratic functions, quadratic formula, cubic functions, complex numbers and different methods of factoring. The students will earn one math credit upon successful completion.

PHYSICAL EDUCATION (1 credit requirement for graduation)

Physical Education

The course consists of physical, mental and social outcomes derived from participation in major team sports, minor team sports, individual sports, and dual sports. A daily exercise program is part of the course. *Physical Education is required for 9th grade students unless they have been exempted for medical reasons or are pursuing a band waiver.*

Advanced P.E. Fitness-Lifetime Sports & Recreation

Prerequisites: *Successful completion of Freshmen Physical Education or instructor permission.*

This class is designed for the 10th through 12th grade student who is motivated to keep physically fit while participating in popular sports and recreation activities. This course will concentrate on maintaining an advanced level of fitness.

Healthy Lifestyle and Fitness

Prerequisites: *Successful completion of Freshmen Physical Education.*

This class is designed for the 10th through 12th grade student who has a desire to learn the process of developing and maintaining a life-long health and fitness program. Weightlifting, nutrition, aerobic and anaerobic exercise will be the central focuses of the course.

SCIENCE (4 credit requirement for graduation)

Physical Science

A course introducing the fundamentals of chemistry and physics. Emphasis will be placed on concepts and underlying principles. The development of appropriate lab skills and calculating abilities will be an integral part of the course. *Freshmen requirement.*

Earth Science

A course designed to give the student an understanding of the natural science of the planet including natural resources, climate, geological concepts and how the planet is interconnected with the solar system and the universe. *Must be completed by the end of Sophomore year.*

Biology

Recommended: *Successful completion of Physical Science.*

Biology is designed to identify the major concepts and principles of biology that every high school student will need to know. *Sophomore requirement.*

Physics

Recommended: *Successful completion of Physical Science.*

A course building on the fundamentals covered in Physical Science. The course will cover the concepts and mathematics behind the natural laws, which explain the behavior of forces, motion, work, energy, heat, light, sound and electricity. The development of appropriate lab, computer, and calculating abilities will be an integral part of the course. *Every student must take either Chemistry or Physics by the end of their Senior year to graduate. If taken as a junior, a student can have both Chemistry and Physics by graduation.*

Chemistry

Recommended: *Successful completion of Physical Science.*

A course building on the fundamentals covered in Physical Science. The course will be an overview of chemistry suitable for both the college preparatory and technical student. The development of appropriate lab, computer, and calculating abilities will be an integral part of the course. *Every student must take either Chemistry or Physics by the end of their Senior year to graduate. If taken as a junior, a student can have both Chemistry and Physics by graduation.*

Introduction to Chemistry

A course building on the fundamentals covered in Physical Science. The course will be an overview of chemistry suitable for both the college preparatory and technical student. The development of appropriate lab, computer, and calculating abilities will be an integral part of the course. *This course is designed for students who took Two-Block Geometry or teacher permission is required.*

Environmental Science/Microbiology

Recommended: *Successful completion of Biology.*

This is a two-part course with one part being environmental science and the other microbiology. Environmental Science deals with the problems of our Earth and the possible solutions for those problems. Ideal for the college bound or those entering careers in medicine, food services, water treatment, conservation or wildlife management. Microbiology is designed to give students a foundation in working with living things smaller than the eye can see, including understanding disease and disease control.

Forensic Science

Forensic Science deals with the application of science to criminal and civil laws. Students will learn to analyze a crime scene, collect physical evidence and use science to interpret evidence such as fingerprints, DNA, fibers, paint, toxicology, serology and ballistics. Ideal for students who are interested in forensics, law enforcement or just like to watch C.S.I.

Human Anatomy and Physiology

Recommended: *Successful completion of Biology.*

This course will cover human anatomy and physiology of the body with an emphasis on how the body works and why. Ideal for students and those pursuing careers in medicine, health services, sports medicine, or physical therapy.

SOCIAL STUDIES (3 credit requirement for graduation)

World History-Geography

World History is a course that covers world events during the modern times (1500 to present). The concentration of the course will primarily be from 1800 to W.W. II. The main topics to be covered will be: The French Revolution/Napoleonic Era, Victorian Era, immigration during the 19th and 20th centuries and the Holocaust. Each student is required to work on a National History Day Project over the course of eighteen weeks. This project will have a general theme, but will be about a topic that is of interest to the student. *Sophomore Requirement.*

United States History-Geography

This course is a survey of the major events in American History during the 20th century. Major emphasis will be placed on the time period from the early 1900's-2001 (the Great Depression, W.W. II, the Cold War & postwar era, the 1960's and the 1970's). *Sophomore Requirement.*

U.S. Government/Economics (One Semester)

This course discusses the main branches of government: the executive, legislative and judicial, as well as political parties. There is a heavy emphasis given to the federal system and the constitutional basics of our government. State and local governments are also dealt with. Current events are brought in whenever possible.

Economics is a course that will offer the opportunity to become familiar with the fundamentals of economic concepts. We will study micro-economic concepts including supply and demand, competition and the price system. Macro-economic concepts studied include labor, money, government spending, banking, and financial investments. We will deal with the topics of Gross Domestic Product (GDP), the business cycle, unemployment and inflation. We will also discuss economics as a global issue with the United States being a part of the world economy. *Junior requirement unless attending the Career Center, then can be taken as a senior.*

VOCATIONAL EDUCATION

Alma Courses

Animal/Plant Sciences

Health Sciences

Auto Technology

Welding

Mechatronics

Criminal Justice

DUAL ENROLLMENT

Eligibility requirements are available in the office. Students planning to dual enroll in the Fall must have filed the paper forms by *May 1* each year. The deadline for applying for the Winter semester is *November 1*.

ENG 100—FRESHMAN COMPOSITION (3 College credits)

A study of English usage, current prose, and basic English skills in composition. The objective is to develop writing ability and techniques of research, which allow students to express themselves clearly, logically, and forcefully.

ENG 101—FRESHMAN COMPOSITION II (3 College credits)

A continuation of ENG 100. A formal research paper may be required of students at the instructor's option.

INTRODUCTION TO PSYCHOLOGY (3 College credits)

This course introduces students to the basics of understanding Human intelligence and thought processes.

INTRODUCTION TO SOCIOLOGY (3 College credits)

This course is an introduction into the understanding of human behavior and culture.

INTERPERSONAL COMMUNICATION (3 Credits)

This course is an introductory course for students to learn essential communication skills in the 21 Century.

College Algebra/Trig. (3 Credits)

Students will be covering topics in advance Algebra concepts and application, in addition to Trigonometry.

ENG. 265 Film Study (3 Credits)

The study of the history of film.