

2007-08

Fulton High School Course Offering Guide

SCHEDULE MATERIALS 2007-08

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

2 credits in MATH Must include 1 credit in Algebra or above. (3 credits for the Class of 2010, including Geometry, 4 credits for the Class of 2011, including Advanced Algebra and a Senior year Math class)

3 credits in SCIENCE Physical Science, Earth Science & Biochemistry. (4 credits for the Class of 2011, including Chemistry or Physics)

1 credit in PHYSICAL EDUCATION To be completed by the end of 10th Grade.

1/2 credit in HEALTH EDUCATION To be completed in 9th Grade.

1/2 credit in CAREERS To be completed in 9th Grade.

4 credits in SOCIAL STUDIES US History, US Government, Economics and 1 other.

1 credit in TECH ED (Either ABT, Drafting, Manufacturing, Structures)

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

1 credit in FINE ARTS Beginning with the Class of 2011 (Art, Band)

TOTAL UNITS OF CREDITS TO GRADUATE: 27

*** Students must pass both halves of each required class 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 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 and improvement 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.

BUILDING IMPROVEMENT GOALS / TARGET AREAS

- All Students will improve their written expression across the curriculum.
- All students will improve their ability to interpret, understand and apply information across the curriculum.

What Do Universities Require?

Most 4 year colleges require a minimum of the following: 4 years of English, 3 years of Math (Algebra and above), 2 years of Science, 3 years of Social Studies. Strongly recommended: 2 years of Foreign Language, 1 year of Computer Literacy, 2 years of Fine and Performing Arts, a 4th year of Math (preferably Pre-Calculus), and a 3rd year of Science (laboratory based).

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.

We encourage all of our students to take a challenge 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 minimum.

**COURSE DESCRIPTIONS
FULTON HIGH SCHOOL
2007-08**

B U S I N E S S

ARTICULATION CLASSES

Fulton students may now earn college credit for Business Classes taken at Fulton High School during the regular school day. FHS has currently completed an articulation agreement with Montcalm Community College for some Business classes. This means that students may take business classes at Fulton and receive high school and college credit for these courses. This may be done with no tuition expense to the student or the school district. Please see Mrs. Malek for details.

CAREERS

This is a nine weeks course which will incorporate a 20 hour on-line experience from Michigan Virtual High School exploring career options. An introduction to Business Education principles and skills will be included. 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. Required for Grade 9.

APPLIED BUSINESS TECHNOLOGY (ABT) - College Credit Available

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 this class include keyboarding, banking, payroll, career exploration, business organization and management, marketing, technology, consumer decisions, consumer credit, savings and investment strategies, and insurance. This course also provides students with an opportunity to create documents in Word, spreadsheets in Excel, and presentations in PowerPoint. This course is open to all students in grades 9-12.

MICROSOFT OFFICE APPLICATIONS

Student interested in further exploring the different applications in Microsoft Office should register for this class. Students will be introduced to the basics of Microsoft Office XP, Word, Excel, Access, PowerPoint, Outlook, Publisher and FrontPage. Students will explore these applications through hands-on computer lessons and simulations. Other topics of study include advanced keyboarding, document production, and business-related simulations. This course is open to all students who have taken Applied Business Technology.

ACCOUNTING

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. This course is open to all students who have taken Applied Business Technology.

WORK EXPERIENCE

This course is available to seniors for 1 or 2 semesters. It 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 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.

C O M P U T E R E D U C A T I O N

ADVANCED APPLICATIONS

This is a one semester, elective course designed for Juniors and Seniors who are interested in advancing their skills in digital editing. By designing innovative projects organization, logic and presentation skills will be enhanced. An introduction to web page design may also be a topic of discussion. Prerequisite- Computer Applications - A grade of C or better.

L A N G U A G E A R T S

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 at least one formal paper. Formal grammar instruction will be taught based 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.

ENGLISH 10

This required course integrates language, literature and composition, building on the skills developed during the Freshman year. Students read at least one novel, one play and an assortment of short stories, poems and essays. Another component of the class is weekly silent reading time, along with an independent novel project. While students write at least three formal papers, they also write smaller pieces (journals, reactions to literature, etc.) on a regular basis. Formal grammar instruction will be taught based on the needs of the class.

ENGLISH 11

This is a course integrating the language skills of reading (American literature), writing (writing in response to literature and writing business letters), speaking (conducting discussions based on Bloom's six thinking levels), listening (listening skill building exercises), as well as the foundations on which these skills are based including a study of spelling, vocabulary, grammar and mechanics.

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.

GENERAL ENGLISH 12

This is a full-credit course designed for students who demonstrate reading difficulties. In addition to an overview of the language skills of reading, writing, speaking and listening, there is a great deal of stress placed on reading improvement using an advanced SRA reading laboratory.

F O R E I G N L A N G U A G E

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. Prerequisite - C or better in last English class.

SPANISH II

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. Prerequisite - C or better in Spanish I.

FRENCH I (ITV)

This course is an introduction to the French language presented over the Interactive Television on a daily basis. Students should have above average grades and ability in English. Simple phrases, sentence construction, grammar and vocabulary are the main components of this course. Also covered are cultural aspects of France along with geographic differences within the country. Prerequisite - C or better in your last English class.

FRENCH II (ITV)

A continuation of the introductory course with more emphasis placed upon the students to participate in conversational patterns of French language. Expansion of the range of vocabulary and grammar are essential to this course. Offered via the Interactive Television system. Prerequisite - C or better in French I.

JAPANESE I (ITV)

A basic, introductory course in the Japanese language, alphabet, and culture. The essentials of pronunciation are emphasized. A large amount of cultural and societal aspects of the Japanese language and people are covered and discussed. The major emphasis of the course is on the spoken portion of Japanese as opposed to the written portion. This course will be presented on the Interactive Television in conjunction with other schools. Prerequisite - C or better in your last English class.

JAPANESE II (ITV)

A continuation of the basic Japanese Course. Prerequisite - C or better in Japanese I.

German I (ITV)

A comprehensive introductory course in German language and culture through the four basic skills: listening, reading,

speaking and writing. Offered through the Interactive Television system. Prerequisite - C or better in your last English class.

German II (ITV)

Review and further development of command of the German language and culture through the use of the four basic skills listed above. Prerequisite - C or better in German I.

AMERICAN SIGN LANGUAGE (ITV)

A language system that is completely visual rather than auditory. It is a natural language for persons who are deaf. Students will be expected to dedicate extensive time out of the classroom to practice this complex visual-spatial language.

F I N E A R T S

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.

Open to grades 9-12.

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.

Prerequisite: B or above in Art II and teacher approval.

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 grades 10 - 12 who have demonstrated dedication and skill in writing.

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. Performance is part of the class and participation in scheduled performances is required for earning a passing grade. The number of performances vary from year to year but typically have included marching band half time shows & festival, concert band with 3 performances per year, festival, and pep band at 6 - 8 athletic events. The scheduling of performances is based upon the group's ability to perform with acceptable musical 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. 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 theater are offered throughout the year as time, schedules and finances permit. Prerequisite: 7th & 8th grade band or director approval.

H E A L T H E D U C A T I O N

PERSONAL 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, AIDS education and CPR training. A wellness approach is taken to help students take a responsible stand for their own health and know where to obtain more health information.

Required of grade 9.

INDEPENDENT LIVING

This is a course designed to prepare the student for independent living and to promote responsible decision making. Some of the topics covered in this course will include: character, management skills, interpersonal skills, exploring relationships, parenting and caregiving skills, consumer skills, wellness, nutrition, food choices, cooking, grocery shopping, housing, and transportation. This course is open to all juniors and seniors.

T E C H N O L O G Y E D U C A T I O N

DRAFTING I

This is a course with study in the areas of geometric construction, lettering, size and shape description, sections, auxiliary views, pictorials, assembly drawings. Students will also experience the computer aided drafting system named Auto Cad.

DRAFTING II / III / IV

This is a course with study in mechanical drawing (advanced orthographic projection, pictorials, assembly & detail drawing), and Computer Aided Drafting. Prerequisite - C or better in Drafting I.

MANUFACTURING

This is a course in the study of tools, materials and machines used to produce tangible products from various materials. Students will gain knowledge and develop skills in the use of these tools and machines through the production of appropriate projects.

STRUCTURES

This course includes the study of the major processes, techniques and knowledge needed to construct various structures used in today's society. Emphasis will be placed on the many aspects of designing and constructing residential homes, bridges and dams, etc. Included will be units on wood frame construction, house wiring and plumbing.

POWER AND ENERGY

This is a course in the study of energy and its conversion to power. Topics include power sources, electrical power, small engines, nuclear power, and solar power.

M A T H E M A T I C S

ALGEBRA I

A review of fractions and the basic number systems. Following the review is a building on this kind of information to solve equations and to show how it relates to everyday encounters.

TWO BLOCK ALGEBRA

Same course as Algebra I above. Class will meet for one block all school year. The class will be paced slower than one block algebra. Class will be assigned one credit in Math and one credit as an elective. Prerequisite - unsatisfactory score on 8th grade MEAP test, or a C or below in 8th grade Math, or a teacher / parent recommendation.

GEOMETRY

The fundamentals of geometry will be related to everyday objects so that the student can relate to geometry. Then the tools of geometry will be used in problems, and the introduction and emphasis of reaching conclusions through accepted postulates and theorems will be explored in detail. It also introduces logic and Trigonometry. This course will also be available in a two block format as described above in algebra.

ADVANCED ALGEBRA

This starts with a review of equation solving covered in Algebra I and II. Then the student will work to understand quadratic equations, and how they are graphed and related to the conics. Also exponential and logarithmic equations and relationships will be explored, and basic trig will be introduced.

TRIGONOMETRY

This course starts with functions and models of functions, graph translations, power, exponential and log functions. The course also covers probability, series, combinations and sequences. Basic trig functions involving triangles and how they relate to problems in everyday situations are included.

PRE-CALCULUS

This is a course that begins with a basic review of Algebra and Trigonometry. The theory of equation and analytic geometry are covered with a basic introduction to calculus.

SENIOR MATH

Senior math is designed for and open only to 12th grade students. Students will study and discuss the type of mathematics they will encounter in the non-math centered workplace in life applications. The results of their study will be increased confidence in the student's ability to handle a wide range of business and consumer situations.

P H Y S I C A L E D U C A T I O N

PHYSICAL EDUCATION

Physical Education is required for 9th or 10th graders unless they have been exempt for medical reasons. The course consists of the physical, mental, and social outcome derived from participation in major team sports, minor team sports, individual sports, and dual sports. A daily exercise program is part of the course.

ADVANCED P.E. FITNESS-LIFETIME SPORTS & RECREATION

This class is designed for the 10th through 12th 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. Sophomores may choose this class as an alternate only and will be placed by lottery when class section sizes are below 30. Prerequisite - No lower than a B+ average in P.E. and/or permission from instructor.

S C I E N C E

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. Required of 9th graders.

EARTH SCIENCE

A course designed to give the student an understanding of the natural science of the planet including natural resources, weather, geological concepts and how the planet is interconnected with the solar system and space. Required in the 9th or 10th grade for graduation.

BIOLOGY

Biology is designed to identify the major concepts and principles of biology that every high school student will need to know. Required of 10th graders.

PHYSICS

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.

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.

MICROBIOLOGY / ENVIRONMENTAL SCIENCE

This is a two-part course with one part being microbiology and the other environmental science. 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.

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.

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

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.

ASTRONOMY - (ITV)

This course is a survey of the universe, including stars, planets and galaxies. Students will become acquainted with information gathered about the universe and how that information is gathered. Prerequisite - B or better in your last Science class.

S O C I A L S T U D I E S

WORLD GEOGRAPHY/ GLOBAL STUDIES

This course is offered to increase the student's knowledge about his or her world. The primary area of study will be political geography, along with its cultural impacts. Secondary emphasis is to be placed on physical geography. Open to all students.

WORLD HISTORY

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. This class is open to all students.

UNITED STATES HISTORY

This course is a survey of the major events in American History during the 20th century. Major emphasis will be placed on a time period from 1930-1980 (the Great Depression, W.W.II, the Cold War & postwar era, the 1960s and the 1970s.) Each student is required to work on a National History Day Project over the semester. **Required of Sophomores.**

U.S. GOVERNMENT

This course discusses the main branches of government: the executive, legislative and judicial, as well as political parties. Heavy emphasis given to the federal system and

the constitutional basis of our government. State and local governments are also dealt with. Current events are brought in whenever possible.

ECONOMICS

This course 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.

V O C A T I O N A L E D U C A T I O N

The following vocational programs are available to students at the area vocational center at Montcalm Skill Center. Fulton Schools offer transportation to the A.M. sessions only. P.M. sessions are available, but students must provide their own transportation.

AGRI-SCIENCE
I & II

INTEGRATED MANUFACTURING
AUTOMOTIVE BODY REPAIR I & II
AUTOMOTIVE TECHNOLOGY I & II
INFORMATION TECHNOLOGY
CHILD CARE
COMPUTER AIDED DESIGN

CONSTRUCTION/BUILDING TRADES

WELDING TECHNOLOGY I & II
COMPUTER SERVICING I
HEAVY AND MEDIUM TRUCKS
ELECTRONICS
HEALTH CAREERS I
CRIMINAL JUSTICE

CAREER PATHWAYS

WORK EXPERIENCE / RELEASE

Available to Seniors only. Students must average at least 8 hours of work per week. Written contracts, time cards, employability forms and employer evaluations are required. Release will be from 1st or 4th Block only. The release may be from either or both semesters.

D U A L E N R O L L M E N T

Eligibility requirements are available in the office. Students planning to dual enroll in the Fall must have filed the proper 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 basic 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.