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## **JEFFERSON COUNTY HIGH SCHOOL**

**DANDRIDGE, TENNESSEE**

### **CURRICULUM GUIDE**

**2011-12**

The information in this curriculum guide is not inclusive of all Jefferson County School Board policies and is subject to change through administrative decision and/or school board action.

#### **MISSION STATEMENT**

"To prepare responsible, productive citizens who are life-long learners."

#### **BELIEFS**

Honesty, integrity, and respect for others are important.  
Students must accept personal responsibility for learning.  
Problem solving and critical thinking skills are important.  
Communication skills (reading, writing, speaking, and listening) are essential.  
Students should appreciate the arts.  
Students should be prepared to function in a multi-cultural society.  
School should be a safe environment for learning.  
Parent involvement is a vital link to a student's success.

The Jefferson County School System does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities.

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## INTRODUCTION

The Curriculum Guide contains general scheduling information, graduation requirements, suggestions for course selections, and course descriptions. Upon graduation from Jefferson County High School, most students will seek further education while some students will seek immediate employment. Students who desire to continue their education beyond high school should plan their program to include the requirements for entrance into the field of study and the institution of their choice. Those students who plan to seek employment after graduation should plan their program to include those courses which will provide the basic job entry skills for the field of work of their choice. It is important to note that, regardless of the students' educational and work goals and their subsequent selection of courses of study, all students who meet high school graduation requirements can qualify for some form of continuing education.

## PROGRAM PLANNING

Devising a program of studies is a vital link in the planning of educational and career goals. At Jefferson County High School, it is the responsibility of the parents or guardians and student to exercise the initiative in developing the student's program. Subject teachers and counselors are available to aid the parent and student in the program planning process. The guidance roles of the concerned participants are:

STUDENT: Obtains planning materials and form from advisor; gives careful consideration to course choices (in terms of offerings available, his own abilities, grades, interests, school requirements and future plans); consults parents and school staff members for advice on choice of courses; delivers proposed program form, which has been approved by parents, to advisor.

PARENT: Reviews planning materials and Curriculum Guide and assists student in making course choices; consults subject teachers, counselor, or principal whenever further advice is desired; approves student's program proposal by signing the proposed program sheet.

SUBJECT TEACHER: Advises students regarding the classes and subject area in which the teacher specializes. This includes course availability, level of difficulty, content, scope, and sequence, and recommends specific courses for individual students within the subject area. Signs recommendation slips for students whenever such recommendation is required.

## THE FOUR PERIOD DAY

The majority of Jefferson County High School students follow a four period day, two semester schedule. The students take four classes each semester for a potential of eight credits per year. The "Block" schedule, as it is commonly called, gives each student the best potential for success.

## COLLEGE DAYS

On occasion a senior may have a need to visit a college or institution of higher learning during the school year on a regularly scheduled school day. Permission to do so is given on a limited, individual basis. Visits to local institutions such as Carson-Newman, UT Knoxville, and WSCC are usually denied because students as a whole are given the opportunity to visit on designated days such as college fairs. Students requesting a college day must obtain prior written permission from the college/career counselor. They must turn in documentation of the visit upon return to school. An absence resulting from a pre-approved college visit will count as a school-related absence.

## SCHEDULE CHANGES

Students and parents are advised to select courses with great care. A student will not be permitted to make a schedule change unless a critical need is documented.

## SCHOLARSHIPS

Any senior interested in applying for college scholarships should check with the career/post-secondary counselor for applications and deadlines. Scholarships are also posted on LCD monitors in the commons area and on JCHS counseling website. A wealth of opportunities, assistance and resources are available to the student, but everything depends upon the student's initiative and responsibility.

## GRADUATION REQUIREMENTS

To meet state and local requirements for graduation, all students shall have an approved attendance, conduct, and subject matter record which covers a planned program of education. In order to participate in the graduation ceremony, all students must meet the graduation *credit* requirements. Only students who have met all requirements may participate in graduation exercises and receive their diplomas. Any senior who fails to comply with any of the above will not be allowed to participate in the graduation ceremony. It is the responsibility of the student to see that credit requirements for graduation are met. **A student must earn a maximum of four credits fewer than the maximum credit he could have earned in his high school career. He must also earn all state and local required credits. A student must be enrolled a minimum of eight (8) semesters to be eligible for graduation.\***

\*It is possible for a student to graduate one semester early, finishing high school requirements in 3-1/2 years. The student must pass all classes up through seven semesters. There are other considerations concerning early graduation; students should discuss this option with their counselor.

## END OF COURSE (EOC) EXAMS

EOC exams are mandated by the State of Tennessee. Exam scores are 25% of the second semester grade. The following courses have EOC exams: English 9, 10, 11, Algebra I & II, U.S. History, and Biology I.

## GRADING SCALE

Grades are used by parents and students as a means of evaluating the progress or lack of progress a student is making in a given course of study. Grades are also used by colleges, vocational-technical schools, and employers to evaluate the quality of work a student exhibited during high school. JCHS uses a numerical base of 100 to assign grades. The state-wide grading scale is as follows:

Uniform Grading System			
Grade	Percentage Range	Weighting for Honors Courses and National Industry Certification & Dual Enrollment Courses	Weighting for Adv. Placement and International Baccalaureate Courses
A	93-100	May include the addition of 3 points to the grades used to calculate the semester average.	May include the addition of 5 points to the grades used to calculate the semester average.
B	85- 92		
C	75 - 84		
D	70- 74		
F	0- 69		

Once a student has received credit in a course, that course cannot be taken over for credit or to improve a grade. No credit can be earned through correspondence courses/schools.

### GRADE POINT AVERAGE

A student's overall grade point average is determined at the end of the seventh semester. G.P.A. is the total of all seven semesters' grades divided by the total number of grades added. It is a numerical average. Students planning to attend college should remember that colleges may also include the second semester of the senior year to get a student's grade point average.

### HIGH HONORS / HONORS

Jefferson County High School recognizes all seniors who have attained a 96.5 or higher grade point average (GPA) as members of the *high honors* group. This group is recognized with a reception and at graduation. This group of high honor students will choose the graduation speakers within their own members. JCHS also recognizes seniors who maintain a 93.0 to 96.4 grade point average as *honor* students.

### NATIONAL HONOR SOCIETY

Candidates for membership in the National Honor Society (NHS) must be a member of the 11th or 12th grade and have attended Jefferson County High School for at least one semester. They must have taken at least two honors courses by the end of the

10th grade. Candidates and members must achieve and maintain a cumulative grade point average of at least 93 on a 100 scale. In grades 11 and 12, candidates and members must be enrolled in at least two honors courses per year. Courses must be from the following areas of study: English, math, social studies, science, foreign language, or fine arts. For membership purposes, course credit will be given based upon the number of high school credits given in the course. Students in the 11th grade are invited to complete a Student Activity Information Form for the NHS. The Faculty Council may require teacher recommendations. Candidates and members may not have had any out-of-school suspensions. Members will be required to perform twenty hours of community service each semester.

#### English

Honors English 9  
 Honors English 10  
 Honors English 11 (Combined Studies)  
 AP English 11  
 AP English 12  
 Honors English (CNC)  
 Honors English (WSCC)

#### Science

Honors Biology  
 Honors Chemistry I  
 Honors Chemistry II  
 Physics II  
 Anatomy and Physiology  
 AP Biology

#### Mathematics

Honors Algebra I  
 Honors Algebra II  
 Honors Geometry  
 Honors Pre-Calculus  
 \*Adv. Alg. & Trigonometry  
 AP Calculus

#### Social Studies

Honors Ancient History  
 AP Government  
 AP Economics  
 Honors U.S. History (Combined Studies)  
 AP U.S. History  
 AP European History

#### Fine Arts

Visual Arts AP  
 Honors Visual Arts I

\*Will be removed after the 2011-12 year.

The following courses are considered Advanced Placement or Honors and meet the requirement for membership in the National Honor Society:

### COLLEGE ENTRANCE EXAMS

A student may take a college entrance exam (SAT or ACT) on any national test date. Additionally, JCHS will administer the ACT on site in the spring each year to juniors. The ACT score may be used for: 1) scholarship selection; 2) 12<sup>th</sup> grade course selection; 3) 12th grade dual enrollment at local colleges; and 4) time to enhance score during 12<sup>th</sup> grade.

### LOCAL COLLEGE REQUIREMENTS

Entrance to campuses of the University of Tennessee and to the Board of Regents Schools- ETSU, WSCC, Memphis State, Middle Tennessee State, Tennessee State, Tennessee Tech

English - 4 units  
 Math - 3 units (must include Algebra I, Geometry, Algebra II)  
 \*Science - 2 units (must include 1 unit in Biology, Chemistry or Physics)  
 Social Studies - 2 units (which include U.S. History - 1 unit, and World History or World Geography - 1 unit)  
 Visual, Performing Arts, or Fine Arts - 1 unit  
 Foreign Language - 2 units of the same language  
 ACT-SAT Score - Satisfactory ACT or SAT score and grade point average. See counselor for specifics.  
 \*University of Tennessee Chattanooga requires 2 lab sciences

Entrance to highly selective colleges -

English - 4 units advanced and/or AP  
 Math - 4 units advanced or AP recommended;  
 Calculus recommended

Science - 3 units from Biology, Chemistry or Physics (AP recommended)

Social Studies - 2 units which includes one U.S. History unit and AP  
 World History or World Geography - 1 unit  
 Visual or Performing Arts - Optional  
 Foreign Language - At least 2 units of same language  
 ACT-SAT Score - Satisfactory ACT or SAT score and grade point average  
 See counselor for specifics.

#### NCAA (Athletic) Scholarship Requirements

- 14 Core courses are required in both Division II & III
- Beginning 8/1/08 16 core courses will be required for Division I only
- ACT-SAT Score - Satisfactory ACT or SAT score
- Satisfactory grade point average (only core courses are used in the calculation)
- Check the web site ([www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)) for the list of NCAA-approved core courses
- See counselor for specifics.

Each college must be checked for specific requirements for degree programs or majors. Each state has different requirements for admission to its public colleges and universities. Because post-secondary education entrance requirements vary so greatly, it is important for the student to obtain specific requirements from the college of his choice.

## REQUIREMENTS FOR 2012 GRADUATES

### HIGH SCHOOL DIPLOMAS AND CERTIFICATES FOR 2012 GRADUATES

A regular high school diploma is awarded to a student who

- \*Earns required units or credits
- \*Passes ALL Gateway tests
- \*Has satisfactory records of attendance and conduct

The Diploma of Specialized Education will be awarded to students who have satisfactorily completed an Individualized Education Program, and have satisfactory records of attendance and conduct, but have not passed all Gateway tests.

The High School Certificate will be awarded to students who have earned the specified units of credit and have satisfactory records of attendance and conduct, but have not passed all Gateway tests.

Students are required to make passing scores on three Gateway end-of-course standardized tests in Algebra I, Biology I, and English 10 in order to receive a regular high school diploma. The scores will be a part of the final grade for each of these courses.

### THE TWO PATH SYSTEM

The State of Tennessee *requires* students to choose a path of study for their four years in high school. Two paths are available and each has specific requirements for graduation.

### COLLEGE PATH

SUBJECT	UNITS
English 9, 10, 11, 12	4
<b>Math</b>	
Algebra I	1
Algebra II	1
Geometry	1
<b>Science</b>	
Biology	1
Phys Science/Earth Science/ Environmental or Chemistry	1
Additional Science	1
<b>Social Studies</b>	
U.S. History	1
Government	.5
Economics	.5
World Geography or W. History	1
<b>Lifetime Wellness</b>	1
Keyboarding	.5

Foreign Language	2
Fine Arts	
(Band/Chorus/Visual or Theatre Art)	1
Electives	9-1/2
<b>Total</b>	<b>27</b>

### TECHNICAL PATH

SUBJECT	UNITS
English 9, 10, 11, 12	4
Math	
Algebra A/B	2
Algebra II or Geometry	1
Geometry	1
Science	
Biology	1
Phys Science/Earth Science	1
Environmental or Chemistry	
Additional Science	1
Social Studies	
U.S. History	1
Government	.5
Economics	.5
World Geography or W. History	1
Lifetime Wellness	1
Keyboarding	.5
Technical Area	4
Electives	8-1/2
<b>Total</b>	<b>27</b>

### REQUIREMENTS FOR STUDENTS GRADUATING 2013, 2014, 2015

Subject	No. Units
English 9,10,11,12	4
Math (Must take a math class each year)	
Algebra I	1
Geometry	1
Algebra II	1
Upper Level Math	1
Science	
Biology	1
Chemistry or Physics	1

Another Lab Science	1
<b>Social Studies</b>	
W. History or Geography or Ancient or European History	1
U.S. History	1
Economics	.5
Government	.5
<b>Wellness and Physical Education</b>	
Wellness (or 2 credits JROTC)	1
*Physical Education	.5
Personal Finance	.5
**Foreign Language (Level I & II)	2
**Fine Arts (Band, Chorus, Visual or Theatre Arts)	1
***Program of Study	3
Other Electives	4
<b>Total Credits Required</b>	<b>26</b>

\*Note: The physical education requirement may be met by substituting an equivalent time of physical activity in other areas including—but not limited to—marching band, JROTC, cheerleading and interscholastic athletics.

\*\*Note: The fine arts and foreign language requirements may be waived for students who are sure they are not going to attend a university and be replaced with three (3) courses designed to enhance and expand the CTE Program of Study.

\*\*\*Program of Study

All students must complete a state approved Program of Study. Programs of Study may be either career/technical, or Science/Math, Humanities, Fine Arts, Advanced Placement, Dual Enrollment, Military/Exercise Science, or Non-CTE Business

### HIGH SCHOOL DIPLOMAS AND CERTIFICATES GRADUATING CLASS OF 2013, 2014, 2015

A regular high school diploma is awarded to a student who

- Earn required units/credits
- Has satisfactory records of attendance and conduct

### TRANSITION CERTIFICATE

A Transition Certificate may be awarded to students with disabilities who, at the end of the fourth year of high school, have failed to earn a regular diploma (26) units of credit, but have satisfactorily completed an I.E.P., in addition to having satisfactory records of attendance and conduct. Students with disabilities may continue to work towards the high school diploma through the end of the school year in which they turn twenty-two years old.

An I.E.P. Certificate will be awarded to students with disabilities who have 1) satisfactorily completed an I.E.P., 2) successfully completed a portfolio, and 3) have satisfactory records of attendance and conduct. This replaces the special education diploma.

## GRADUATE WITH HONORS

Students who score at or above all of the subject area readiness benchmarks on the ACT or equivalent score on the SAT will “graduate with honors.”

## ACT BENCHMARKS

ACT’s College Readiness Benchmarks are the minimum ACT test scores required for students to have a high probability of success in credit-bearing college courses.

ACT Benchmarks: English 18; Math 22; Science 24; Social Studies 21

## GRADUATE WITH DISTINCTION

Students will be recognized as graduating “With Distinction” by attaining a “B” average and completing at least one of the following:

- Earn a nationally recognized industry certification
- Participate in at least one of the Governor’s Schools
- Participate in one of the state’s All-State musical organizations
- Be selected as a National Merit Finalist or Semi-Finalist
- Attain a score of 31 or higher composite score on the ACT
- Attain a score of 3 or higher on at least two advanced placement exams
- Successfully complete the International Baccalaureate Diploma Program
- Earn 12 or more semester hours of transcribed post-secondary credit.

## CAREER CLUSTERS AND PROGRAMS OF STUDY FOR 2013, 2014, & 2015 GRADUATES

Each student must complete a Program of Study in addition to the other requirements for graduation. The Program of Study is intended to prepare and train for various career opportunities. Career Clusters are groupings of occupations or career specialties known as Programs of Study and are used as an organizing tool for curriculum design and instruction.

A sequence of instruction consisting of coursework, co-curricular activities, work-site learning, service learning, and other learning experiences is preparation for a career.

### AGRICULTURE, FOOD AND NATURAL RESOURCES

#### 1. Animal Systems – Pre-Vet (4)

1. Principles of Agriculture or Agriscience
2. Horse Science
3. Veterinary Science

#### 2. Environmental and Natural Resources Systems

1. Agriscience or Principles of Agriculture
2. Forestry Management
3. Wildlife Management

#### 3. Plant Systems--Landscaping and Turf Science

1. Agriscience or Principles of Agricultural Science
2. Landscaping and Turf Management

3. Greenhouse Management
4. Plant Biotechnology

#### 4. Power, Structures, and Technical Systems

1. Principles of Agriculture or Agriscience
2. Agricultural Mechanics and Maintenance
3. Agricultural Power and Equipment

#### 5. Plant Systems—Horticulture Production

1. Principles of Agriculture or Agriscience
2. Greenhouse Management
3. Plant biotechnology

### ARCHITECTURE AND CONSTRUCTION

#### 6. Carpentry

1. Career Management Success
2. Construction Core
3. Carpentry I
4. Carpentry II

#### 7. Electrical

1. Career Management Success
2. Construction Core
3. Electrical I
4. Electrical II

#### 8. Interior Design

1. Family and Consumer Sciences
2. Textiles and Interior Design
3. Life Connections

#### 9. Heating, Ventilation, Air Conditioning, & Refrigeration

1. Career Management Success
2. Construction Core
3. HVACR I
4. HVACR II

#### 10. Landscape Design

1. Agriscience or Principles of Agricultural Science
2. Landscaping and Turf Management
3. CAD (Dual Enrollment-WSCC)
4. Greenhouse Management

### ARTS A/V TECHNOLOGY AND COMMUNICATION

#### 11. Design Communications

1. Career Management Success
2. Visual Communications
3. Digital Design I
4. Digital Design II

## **BUSINESS MANAGEMENT AND ADMINISTRATION**

### 12. Business Financial Management and Accounting (1)

1. Computer Applications
2. Accounting I
3. Accounting II
4. Business Management

### 13. Business Analysis (3)

1. Personal Finance or Financial Planning
2. Business Economics
3. Accounting I
4. Banking and Finance

### 14. Business Management (3 or 4)

1. Personal Finance or Financial Planning
2. Virtual Enterprise International
3. Accounting
4. Business Management

### 15. Administrative and Information Support

1. Keyboarding or Keyboarding/Document
2. Keyboarding/Document Layout and Design
3. eBusiness Communications

## **EDUCATION AND TRAINING**

### 16. Teaching Training Services

1. Family and Consumer Sciences
2. Child and Lifespan Development
3. Life Connections

## **FINANCE**

### 17. Financial Planning

1. Computer Applications
2. Personal Finance or Financial Planning
3. Business Economics or American Business Legal Systems
4. Banking and Finance

### 18. Banking Finance

1. Banking and Finance
2. Computer Applications
3. Accounting I
4. Personal Finance or Financial Planning

## **GOVERNMENT AND PUBLIC ADMINISTRATION**

### 19. Public/Nonprofit Management & Administration (2)

1. Personal Finance or Financial Planning
2. eBusiness Communications
3. Business Management

## **HEALTH SCIENCE**

### 20. Diagnostic Services

1. Health Science Education
2. Rehabilitative Services
3. Diagnostic Medicine
4. Clinical Internship

### 21. Health Informatics

1. Health Science Education
2. Diagnostic Medicine
3. Clinical Internship

### 22. Support Services

1. Health Science Education
2. Medical Therapeutics
3. Clinical Internship

### 23. Therapeutic Services

1. Health Science Education
2. Medical Therapeutics
3. Anatomy and Physiology

### 24. Therapeutic Emergency Services

1. Health Science Education
2. Medical Therapeutics
3. Anatomy and Physiology
4. Emergency Medical

### 25. Biotechnology Research and Development

1. Health Science Education
2. Diagnostic Medicine
3. Anatomy and Physiology

### 26. Hospitality Management and Lodging Services

1. Marketing I
2. Travel & Tourism Operations
3. Hospitality

### 27. Recreation, Attractions, Sports and Entertainment

1. Marketing I
2. Travel and Tourism Operations
3. Sports and Entertainment
4. Exploration in Marketing

## **HUMAN SERVICES**

### 28. Family and Community Services

1. Family and Consumer Sciences
2. Child and Lifespan Development
3. Nutrition and Foods
4. Life Connections

29. Counseling and Mental Health Services

1. Family and Consumer Sciences
2. Child and Lifespan Development
3. Family and Parenting
4. Life Connections

30. Consumer Services

1. Family and consumer Sciences
2. Personal Finance
3. Life Connections

**INFORMATION TECHNOLOGY**

31. Electronic Publishing

1. Keyboarding/Document Layout and Design
2. eBusiness Communications
3. Desktop Publishing
4. Career Connections

32. Web Design

1. Computer Applications
2. Website “Foundations
3. Webpage Design—Site Designer
4. Web Design—eCommerce

**MARKETING, SALES AND SERVICES**

33. Merchandising

1. Marketing I
2. Marketing II
3. Retail Operations
4. Exploration in Marketing

34. Channel Management

1. Exploration in Marketing
2. Marketing I
3. Retail Operations

35. Financial Services Marketing

1. Exploration in Marketing
2. Marketing I
3. Personal Finance

36. Marketing Management

1. Exploration in Marketing
2. Marketing I
3. Marketing II

**PERSONAL CARE SERVICES**

37. Cosmetology

1. Career Management Success
2. Principles of Cosmetology

3. Design Principles of Cosmetology
4. Chemistry of Cosmetology

**TRANSPORTATION**

38. Automotive Technology

1. Transportation Core
2. Brake Systems
3. Suspension and Steering
4. Electrical/Electronics

**NON-CTE PROGRAMS OF STUDY**

**39. Advanced Placement**

Complete any three (3) AP Courses

**40. Dual Enrollment**

Complete three (3) courses at a post-secondary college, university, or technical school

**41. FINE ARTS**

Complete any three (3) Courses

Beginning Band  
Band  
Flag and Rifle  
Music Theory  
Composition and Arranging  
Chorus

Theatre Arts I  
Theatre Arts II  
Visual Arts II  
Visual Arts III  
Visual Arts IV-Honors  
AP Visual Arts

**42. HUMAN SERVICES**

Leadership  
Psychology/Sociology  
Practical Application of Teacher Training  
Nature and Needs of Exceptional Children

Peer Counseling  
Service Learning  
Work-Based Learning

**43. HUMANITIES**

Yearbook  
Newspaper/Journalism  
Poetry Perspectives  
Women Writers  
Speech and Performance  
The Bible as Literature  
Creative Writing  
Bible History  
Any Foreign Language (Beyond the required 2 courses)

Psychology/Sociology  
War Between the States  
The Judicial Branch  
AP European History  
AP U.S. Government  
AP Economics  
World Geography  
Any Humanities College Level Course  
Ancient History (If not used as a required course)

#### 44. MATH/SCIENCE

Statistics  
Pre-Calculus  
Honors Pre-Calculus  
Advanced Algebra & Trigonometry  
AP Calculus  
Biology II

Biotechnology  
Chemistry II  
Physics II  
Human Anatomy & Physiology  
AP Biology  
Any college level math or science

#### 45. MILITARY/EXERCISE SCIENCE

JROTC  
JROTC Staff  
Physical Education I  
Physical Education II  
Leadership  
CPR  
Peer Tutoring (Nature & Needs of  
Exceptional Students)

Practical Application Teacher Training  
Service Learning  
Work-Based Learning  
Psychology/Sociology  
Peer Counseling  
Sports Training

#### 46. NON-CTE BUSINESS

Any 3 of the following courses:

Keyboarding I  
Keyboarding II  
Financial Planning  
Desktop Publishing  
Principles of Business

Clerical Aide-Principles of Business  
Work-Based Learning  
Service Learning  
Psychology/Sociology

#### NEW COURSES OFFERED FOR 2011-12

AP Chemistry	See Page 19
Bridge Math	See Page 52
Honors Human Anatomy	See Page 59
Basic Chemistry	See Page 58

#### DUAL ENROLLMENT OPPORTUNITY

Dual Enrollment is offered to juniors and seniors giving them the opportunity to take college courses while still enrolled in high school. The student is required to maintain a full course load (4 classes) between the high school and the post-secondary institution. Students are responsible for any tuition, fees, books, transportation, and other related costs. The Tennessee Lottery Dual Enrollment Grant provides \$300 per semester to eligible enrollees at area colleges. Any dual enrollment course must be pre-approved by the high school administration.

#### Dual Enrollment Classes Offered on JCHS campus (dependent upon sufficient enrollment)

<u>WSSC Comp I &amp; Comp II</u> (144)	Prerequisite: ACT 19 overall and 19 English score and high school GPA 3.0
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Fall semester is a composition course in argumentative writing, including invention, organization, style, and revision. Critical reading and thinking will be addressed through students' writing. Research skills and documentation will be introduced. Spring semester is a composition course emphasizing documented critical writing, based on an introduction to fiction, drama, and poetry. Fulfills English 12 credit.

WSSC Introduction to Psychology (069) Prerequisite: High school GPA 3.0

This course is an introduction to the guiding principles and primary approaches of the study of human and animal behavior. This broad-based course includes the following topics: psychobiology, conditioning, learning, sensation, perception, motivation, emotion, intelligence, personality, life span development, abnormal behavior, social psychology, group processes, stress, and career development.

WSSC General Sociology (0961) Prerequisite: High School GPA 3.0

This course addresses major concepts and theoretical approaches of sociology with emphasis on culture, socialization, social organization, and social stratification.

WSSC Engineering Graphics I Prerequisite: High school GPA 3.0  
Computer Aided Drafting; Algebra I  
grade B or better recommended.

This course is a study of basic drafting practices incorporating computer-aided drafting (CAD) techniques (commercial software). Topics will include instruments, theory of projection, geometric construction, orthographic projection, dimensioning, lettering, and auxiliary and sectional view construction.

WSSC Engineering Graphics II (044) Prerequisite: Engineering Graphics I  
Computer Aided Drafting

This course is a continuation of Engineering Graphics I utilizing computer applications. Topics include machine and working drawings, descriptive geometry topics and graphical elements.

#### ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program consists of college-level courses and exams for high school students. AP courses make it possible for academically talented students to upgrade the quality and increase the challenge of their studies, both in high school and college. It also enables students to receive college credit in particular subject areas upon satisfactory performance on the AP examination.

Some of the positive effects observed include:

\*Challenges and stimulates students.

\*Upgrades a student's high school and college program.

\*Gives students the chance to earn college credit without leaving the high school campus.

\*Permits students to take more advanced courses in college.

- \*Reduces educational costs for parents and saves time and money for students.
- \*Fosters leadership qualities in outstanding students.
- \*Motivates student to improve study habits.
- \*Indicates to the public that a school values intellectual achievement and academic excellence.
- \*Enables students to be more competitive in scholarship and college selection.

Students interested in enrolling in an AP course are required to complete an application process. Each course has specific prerequisites. AP courses require a considerable amount of time and effort from the student. All students enrolled in an AP course must take the AP examination. The fee for the exam must be paid when the student enrolls in the class.

AP EUROPEAN HISTORY/ ENGLISH 12 (142/519) 2 Credits, one AP European History AP and one AP English 12  
Recommended Prerequisites:  
Combined Studies or Advanced English 11; Minimum score 21 on ACT

This is a year long course designed to provide a comprehensive knowledge of western civilization and its literature. The interaction between history and literature is inseparable; one does not truly understand one without the other. These classes will make demands on students equivalent to college entry level standards and will meet national College Board standards. Admission to the course will be competitive, based upon performance on ACT/SAT, 11th grade writing sample, previous advanced courses, and overall G.P.A. Students are encouraged to take AP college exams for potential college credit. Students may take one or all three of AP European History, AP English Literature, and AP English Language.

AP CALCULUS AB (390) 2 Credits; 12th (Year-Long Course)  
Prerequisites: Algebra I/II, Geometry, Pre-Calculus and/or Adv. Algebra & Trigonometry; Teacher Recommendation; Parent Approval

AP Calculus AB is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least a semester of calculus at most colleges and universities, perhaps to a year of calculus at some. Algebraic, numerical, and graphical representations are emphasized throughout the course. Graphing calculators (TI-89) will be used in class and on homework. Graphing calculators are required on portions of the AP examination. Attitude prerequisites include a willingness to work both in and out of class, a willingness to collaborate with classmates to foster mutual understanding, and a sincere intent to place out of the first semester of college calculus.

VISUAL ARTS AP (790) 2 Credits (Year-Long Course) 11th, 12th  
Prerequisite: Visual Arts II or III and IV  
Portfolio Review Required

Visual Arts AP is designed to allow the serious art student who wishes to pursue post-secondary work in the visual arts an opportunity to prepare an exit level portfolio that meets AP standards. Activities will include refinement of work, digital imaging of work, matting, mounting, and AP exam preparation. Portfolio development will follow the College Board Advanced Placement course description. Students are expected to take the AP Studio exam in May to obtain college credit for the course. A fee for materials will be charged.

AP BIOLOGY (290) 2 Credits (Year-long course); 11th, 12th; Prerequisites: Honors Biology and Chemistry Credits

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Students may take the AP Biology course after the successful completion of a course in high school biology and one in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Primary emphasis will be on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. There will be a fee to cover the cost of materials used.

AP ECONOMICS (512) 1/2 Credit; 11th, 12th  
Prerequisite: Minimum B Average

The purpose of this advanced placement course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Also included are income and price determination, economic growth, and international economics. Students are encouraged to take the AP exam for potential college credit.

AP UNITED STATES GOVERNMENT (513) 1/2 Credit; 11th, 12th  
Prerequisite: Credit in Advanced English prior year or Combined Studies Credit; Minimum grade of 85 in all previous Eng. & SS coursework

This course is designed to provide a comprehensive introduction to the philosophy, concepts, and workings of American democracy. Attention is paid to both the institutions of government and the interaction between government and citizen. Content will often be broad and general, but case studies will be important. Previous experience in high school government is useful but not necessary. Credit will be given regardless of previous government credit. The demands made on students in this course will be equivalent to an entry-level college course (outside reading and significant writing, for example), and will meet the topic outline produced by the College Board. Students are encouraged to take the AP college exam for potential college credit.

COMBINED STUDIES: HONORS OR  
ADVANCED PLACEMENT (AP) (519) 2 Credits; 11th  
U.S. HISTORY/ENGLISH 11 Year-Long Course

Combined Studies is a year-long intensive study of American literature within its historical setting. The class period is divided between history and literature. The course will meet the requirements of both English 11 and U.S. History. The course will include a rigorous study of literature and composition and history with outside reading assignments, research, a variety of writing assignments, and projects. Students will have the option to take AP American History and AP English language.

AP CHEMISTRY (289) 2 Credits; 11th, 12th  
(Year-long Course)  
Prerequisites: Honors Chemistry I and  
Honors Algebra II; Teacher  
Recommendation

AP Chemistry is a year-long course designed to be the equivalent of a college introductory course in chemistry. This class is highly recommended for students interested in majoring in chemistry, biology engineering, or the field of medicine. To be successful in AP Chemistry, students need a strong background in science and math. Students will be encouraged to take the AP Chemistry exam.

## ART DEPARTMENT

### Visual and Performing

#### PERFORMING ARTS

BEGINNING BAND (700) 1 Credit; 10th, 11th, 12th  
This is a course designed for the student to learn to play a band instrument. The student must provide instrument of choice. A limited selection of instruments may be provided by the school. This course will satisfy Fine Arts credit.

BAND (704) 2 credits; 9th, 10th, 11th, 12th  
Prerequisite: Playing experience or  
permission of instructor; Summer  
Band Camp

Participation in band requires playing experience and ability at intermediate and/or advanced stages. During fall semester, the band is primarily a marching unit. Participation in halftime field shows, parades, and other functions is required. Second semester emphasis is on instrumentation and performance, and the study of classical and contemporary concert band literature is covered. Solo and ensemble playing is encouraged. Attending clinics is encouraged. After school rehearsals are required.

FLAG AND RIFLE (702) 1 Credit; 9th, 10th, 11th, 12th

Participation in either of these activities is based upon available space. Student must audition, and selection is competitive. Students should be prepared to participate prior to "tryouts" during the spring. A knowledge of music is not required, but would be helpful. After school rehearsals and sectionals are required. All performances of marching band are required.

MUSIC THEORY (708) 1 Credit; 10th, 11th, 12th  
Prerequisite: School Ensemble  
Permission of Instructor

This is a course in harmony, beginning with basic notation and going through contemporary music in notation and practice. Emphasis is on harmonic analysis of the common practice period. A continuation with emphasis on melodic and harmonic dictation and instrumental composition and arranging is contained later in the term.

COMPOSITION AND ARRANGING (706) 1 Credit; 11th, 12th  
Prerequisite: Music Theory, School  
Ensemble, Permission of Instructor

This course is an intensified study of instrumental and vocal composition and arranging.

#### DRAMA

THEATRE ARTS I (716) 1 Credit; 10th, 11th, 12th  
This is an introductory course for students interested in experiencing theatre, both on and off the stage. All projects involve class members in group or individual participation in a wide variety of activities such as theatre games, relaxation techniques, pantomimes, improvisation, scenes, extemporaneous talks, reader's theatre, discussions, and play performances. The course provides an overview of theatre stagecraft, etiquette, and history. This course will satisfy one Fine Arts credit.

THEATRE ARTS II (DRAMA) (717) 1-3 Credits; 10th, 11th, 12th  
Prerequisite: Minimum grade of 85  
in Theatre Arts I or Theatre Arts II  
Repeating

This course is designed for the student who has successfully completed Theater Arts I and wishes to gain further insight into the theatre by satisfying his aesthetic, intellectual, and emotional needs as a participant and spectator. Major units covered are interpretive reading, characterization, movement, humorous and serious scenes, dialect, radio plays, one-and-three-act plays production, costumes, makeup, and set design. Students will be exposed to a wide variety of legitimate theater experiences through guest artists and actual performances. Since performing artists are contracted each semester, the student is exposed to different units each time he takes the class. This course will satisfy Fine Arts credit and may be repeated.

## VOCAL MUSIC

PATRIOT HARMONY (Women's Choir) (710) 2 Credits; 9th, 10th, 11th, 12th  
Prerequisite: Audition in April

This award-winning choral group is composed of all female voices. The course is designed to teach vocal production and basic theory and understanding of music. It is a performing group and during the course of the year will perform concerts for various meetings and functions throughout the local area. This course will satisfy a Fine Arts credit requirement. (Piano players are needed for all vocal classes. See the instructor.)

PATRIOT SINGERS (712) 2 Credits; 9th, 10th, 11th, 12th  
Prerequisite: Audition in April

This is an advanced, award-winning show choir. The ensemble is a singing and dancing group, traveling, competing and performing concerts throughout the area. Some after school practice is required. This course will satisfy a Fine Arts credit requirement. (Piano players are needed for all vocal classes. See the instructor.)

PATRIOT MEN'S CHOIR (714) 2 Credits; 9th, 10th, 11th, 12th  
Prerequisite: Audition in April

This award-winning choir is composed of all male voices with little or no choral experience. The group participates in competitions and performs in various places in the local area throughout the year. Some after school practice may be required. This course will satisfy a Fine Arts credit requirement. (Piano players are needed for all vocal classes. See the instructor.)

## VISUAL ARTS

VISUAL ARTS I--BASIC STUDIO (720) 1 Credit; 10th, 11th, 12th  
Prerequisite to all other art classes

Visual Arts Basic Studio offers students an introduction to the Visual Arts providing hands-on experiences in painting, drawing, mixed media, and three-dimensional media. This course satisfies the state requirement for Fine Arts credit. A studio fee will be charged. Grade of 85 or better in this class is a prerequisite to all other Visual Arts Courses.

VISUAL ARTS I HONORS (721) 1 Credit; 9th, 10th  
Prerequisite to all other art classes; Recommendation of 8<sup>th</sup> grade teacher

Visual Arts I Honors offers students who have a special interest in the Visual Arts with a foundation that prepares the student for upper level art classes. Students will be given hands-on experiences in painting, drawing, digital technology, and art appreciation. Students will be expected to read and write about visual art, participate in class discussions, and learn about design fundamentals. This course satisfies the state requirement for Fine Arts credit. A studio fee will be charged.

## VISUAL ARTS II (722)

1 Credit; 10th, 11th, 12th  
Prerequisite: Recommended grade of 85 or better in Visual Arts I; Prerequisite to Visual Arts III

Students will build on Visual Arts I foundations and work in-depth with various two and three-dimensional media. Although creativity and personal expression are always encouraged, the main focus of this course is the further development of skills in drawing, painting, and 3-D rendering. Emphasis is placed upon working from direct observation. A basic working knowledge of the visual language and critiquing skills is necessary. By building on prior knowledge and concentrating on skills, a student is able to improve personal abilities and strengthen his portfolio content, which is critical for art school scholarship competition. A combination of traditional testing methods, portfolio evaluation, and a final project will serve as the exit exam. A studio fee will be charged.

## VISUAL ARTS III (723)

1 Credit: 10th, 11th, 12th  
Prerequisite: Visual Arts I (Visual Arts II strongly recommended) and Teacher Recommendation

Students continuing to build a portfolio for post-secondary school pursuits and students who wish to seriously pursue more advanced projects and skill levels can excel in this teacher-recommended course. Projects and expectations will be more advanced. The ability to interpret assignments creatively and work in a more self-driven environment is a must. Drawing and painting in two and three-dimensional forms will be explored. A studio fee will be charged.

## VISUAL ARTS IV - HONORS (Pre- AP) (724)

1-3 Credits; 10th, 11th, 12th  
Prerequisites: Recommended grade of 85 or better in Visual Arts I; Visual Arts II or III Recommended; Consent of Instructor to Repeat

This course offers the serious art student the opportunity to develop a personal approach to art in an individualized setting. Students will have experiences in both two and three dimensional art forms, with units in painting, drawing, ceramics, sculpture, printmaking and digital design. Each student will build a portfolio representative of works completed in the course. Students interested in post-secondary training in the visual arts are encouraged to take this class. This course may be repeated for credit. A studio fee will be charged.

## VISUAL ARTS-AP (790)

See Page 17

## BUSINESS / INFORMATION TECHNOLOGY

### ACCOUNTING I (400)

1 Credit; Recommended for  
Grades 11th, 12th

Students will master basic accounting principles and procedures. This includes analyzing, journalizing and posting transactions, as well as preparing financial statements. Payroll accounting is one of the special topics in this course.

### ACCOUNTING II (401)

1 Credit; Recommended for  
Grades 11th, 12th  
Required Prerequisites:  
Accounting I & Keyboarding

This course is a continuation of Accounting I. Emphasis is placed upon computerized accounting projects. Students will enter realistic accounting transactions for a variety of businesses (sole proprietorship, partnership, and corporation) and generate financial statements.

### BANKING AND FINANCE (410)

1 Credit; 11th, 12th  
Recommended Prerequisites:  
Keyboarding or Equivalent,  
Financial Planning, Accounting

Banking and Finance is a course designed to challenge the student with real banking and financial situations through a partnership with a local financial institution that would bring resources of mentors, seminars, and hands-on experience with day-to-day operations. Completion of this course will provide students with a basis for secondary education in finance and special job skills in banking and financial institutions. Ethical issues will be presented.

### PRINCIPLES OF BUSINESS (408)

1 Credit; 11th, 12th

This is a core course in which students are introduced to all aspects of business such as the domestic and international economies, financial principles, management strategies, administrative and information systems, ethics, and organizational and professional leadership. Students will analyze the elements of the business environment and focus on attitudinal and problem-solving skills inherent to success.

### BUSINESS ECONOMICS (407)

1/2 Credit; 10th, 11th, 12th  
Prerequisites: Principles of  
Business, Keyboarding or  
Equivalent

Business Economics provides an in-depth study of fundamental concepts, free enterprise trading practices, and the various players in the economic system. Topics include the production, marketing and distribution of goods and services, as well as the roles of financial institutions, the government, and the individual with the free enterprise system. International trade and economics will be an integral part of the course. Students will explore various careers related to the economy. **This course may substitute for economics credit.**

### AMERICAN BUSINESS LEGAL SYSTEMS (406)

1/2 Credit; 10th, 11th, 12th  
Prerequisites: Principles of  
Business, Keyboarding or  
Equivalent

The American Business Legal Systems course provides students with an understanding of the legal framework in which American business functions. The students will evaluate the influence of the free enterprise system in a democratic society on daily decisions. Students will analyze the alliance between capitalism and democracy and be better prepared to influence the future decisions in the public and private sectors of the United States. **This course may substitute for government credit.**

### BUSINESS MANAGEMENT (404)

1 Credit; 11th, 12th  
Recommended Prerequisites:  
Keyboarding or Equivalent,  
Principles of Business

Students will develop a foundation in the many activities, problems and decisions that are intrinsic to the management of a successful business. Areas examined include ethical and legal responsibilities, decision-making, personnel, safety, and professional development. By gaining an understanding of these areas, students will be better prepared to enhance the business decisions of tomorrow.

### CAREER CONNECTIONS (419)

1/2 Credit; 11th, 12th  
Prerequisite: Keyboarding

Career Connections provides students with an understanding of how to plan for and manage careers in a continuously changing workplace. Students will learn the importance of exploring multiple career paths, embracing life-long learning, and creating a career plan that encompasses the life span. The family/work connection is emphasized in the content of this course. A Career Portfolio will be created, including a resume, application letter, reference sheet, and more. Mock job interviews will be conducted.

### CLERICAL AIDE- PRINCIPLES OF BUSINESS (900)

1 Credit; 12th

Required classroom training will be an integral part of the course. Students will receive practical experience in many facets of clerical procedures from office work to teacher's aide. The student's performance will be evaluated and reflected in grade. Other evaluation may include interview, grades, attendance, and discipline record. Students may receive only 1 credit in this course. **Students must have an excellent attendance, disciplinary and academic record.**

DESKTOP PUBLISHING (421) 1 credit; 10<sup>th</sup>, 11th, 12th  
Prerequisite: Keyboarding or  
Equivalent

This course combines the use of advanced word processing skills, desktop publishing skills, and the personal computer using Microsoft Word and Publisher. Emphasis is placed upon combining text and graphics with different types of print to produce original, professional-looking newsletters, brochures, flyers, and other material suitable for publication. Team development and time management will be stressed as students work on projects. Internet access is mandatory.

**This course may satisfy the local Keyboarding requirement for graduation.**

FINANCIAL PLANNING (409) 1 credit; 10th, 11th, 12th

This course is designed for students interested in learning how to handle their money. It will provide students with skills in keeping a checking and savings account, using credit and loans, establishing a budget, keeping tax records, evaluating careers, and functioning as a wise consumer. Students will also complete a video series, Dave Ramsey's Foundations in Personal Finance. A workbook fee and calculator will be required.

KEYBOARDING (414) 1/2 Credit; 10th, 11th, 12th  
Prerequisite to any Business/  
Information Technology Course

The student will apply basic skills in operating a computerized keyboard by using the "touch system" and other input technologies to produce mailable documents. The standards for mailable documents relate to keying, formatting, grammar, punctuation, capitalization, spelling, content, layout, and design. This course offers a "life skill" for today's computerized society.

KEYBOARDING/ (416) 1 Credit; 10th, 11th, 12th  
DOCUMENT LAYOUT & DESIGN  
(Formerly Keyboarding II) Prerequisite: Keyboarding I or  
Middle School Class

This class is a continuation of Keyboarding I. The student will prepare business and academic reports and other documents that incorporate tables and multimedia elements. The student will demonstrate competency in the production of "mailable business documents." Industry production standards are emphasized. Proofreading and editing skills are applied.

**This course may satisfy the local Keyboarding requirement for graduation.**

COMPUTER APPLICATIONS (417) 1 Credit; 11th, 12th  
Prerequisite: Keyboarding or  
Middle School Keyboarding  
Class

Students will learn Microsoft Word, Excel, PowerPoint, and Access Database. Students utilize problem solving, human relations, leadership, self-management, and workplace management. Computer networks and computer safety will be addressed.

All skills learned in this class are excellent tools for future education and job requirements. This course may satisfy the local keyboarding graduation requirement and may be used for college credit by taking articulation test at WSCC.

SPREADSHEET APPLICATIONS (425) 1/2 credit; 10th, 11th, 12th  
Prerequisite: Keyboarding or  
Middle School Keyboarding Class

Spreadsheet Applications involves the use of electronic work sheets used to perform business calculations. This course will apply keying, typography, layout, and design skills in designing work sheets, writing formulas, analyzing data, charting data, and managing data. Team development will be stressed as students work on spreadsheet projects. Student proficiency may lead to software certification.

e-BUSINESS COMMUNICATION (422) 1 Credit; 11th, 12th  
(Formerly Internet Navigation) Prerequisite: Keyboarding or  
Equivalent \* See Notation

This course combines the art of communication through the Internet and through writing skills. Students will explore all aspects of the Internet. Emphasis will be placed upon electronic research, security issues, ethics, business report writing, business correspondence, enhancement of oral presentations with electronic media, and communications applying current technology.

PERSONAL FINANCE (420) 1/2 Credit; 11th, 12th  
(Required course beginning with the  
class of 2013)

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and saving accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

WEB PAGE FOUNDATIONS (426) 1 Credit; 10th, 11th  
(Formerly Web Page I) Prerequisites: Keyboarding or  
Equivalent

This course is for BEGINNERS. Students are prepared with basic skills for web page design. Course content provides students the opportunity to acquire fundamental skills in both theory and practical application of Web design and of leadership and interpersonal skill development from the business perspective.

WEB PAGE SITE DESIGNER (427) 1 Credit; 11th, 12th  
(Formerly Web Page II) Prerequisite: Web Page Foundations

This course is the second level of Web Page design. Students will work "hands-on" on the JCHS web site. Course content includes exposure to basic Web design in e-

commerce. The course content provides students the opportunity to acquire fundamental skills in both theory and practical application of Web design and leadership.

WEB PAGE DESIGN – Ecommerce  
(405)

1 Credit; 11th, 12th  
Prerequisite: Algebra I or Technical  
Algebra

This course prepares students with work-related skills for advancement into post-secondary education or industry. Course content includes exposure to Web design in *ecommerce* with marketing, customer relations, and commercial Website publication practical application of Web development, leadership, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the Web page design and Web page construction industry. This course correlates to the CIW certification "Web eCommerce."

BUSINESS TECHNOLOGY (428)  
COOPERATIVE EDUCATION

1-2 Credits; 12th  
Prerequisites: Instructor Approval;  
Meeting all eligibility requirements;  
Class; Passed all Gateway exams;  
Insurance and Transportation  
Required

This program is designed to provide students the opportunity to integrate the business curriculum with on-the-job training. It is not a "stand alone" class; it is a function of Business Technology courses. At least 75% of the grade for the co-op will be based upon classroom performance. If the student has sufficient credits, he/she may be allowed to leave school early in order to work at his/her cooperative education placement. Students must report to work before the end of the regular school day. Additional policies, rules, and guidelines are explained by the instructor before the student begins the experience. Grading is based upon classroom experience and work performance. Co-op programs will be established once school begins.

## CAREER AND TECHNICAL EDUCATION

The primary objective of any career-technical course is to assist the learner in acquiring the necessary skills (personal and technical) that will enable the student to (1) enter an educational training program in a post-secondary institution, (2) enter an apprenticeship training program, or (3) gain satisfactory employment. All career-technical courses offered at Jefferson County High School have clubs that are integral parts of the programs. These clubs are designed to develop student leadership characteristics, improve community-school relations, and give students an opportunity to demonstrate basic skills through competitive activities. Most of the career-technical programs are designed to be two-year programs for students in grades ten through twelve. Students must successfully complete the first year to be enrolled in the second year of training. The first year is designed to give students basic theory and training in a wide variety of activities. Second year students may select a particular component of the program for special emphasis and advanced experiences. Some of the advanced students may also be placed in the community for training and work experience under the supervision of the teacher.

**INSURANCE NOTE: STUDENTS IN ALL TRADE AND INDUSTRIAL COURSES MUST BE COVERED BY A FAMILY OR INDIVIDUAL HOSPITALIZATION PLAN. PROOF OF COVERAGE MUST BE SUBMITTED TO THE TEACHER WITHIN THE FIRST FIVE DAYS OF THE SEMESTER IN WHICH YOU ARE ENROLLED IN A CAREER/TECHNICAL COURSE. FAILURE TO PROVIDE PROOF OF INSURANCE PRIOR TO SHOP/LABORATORY ACTIVITIES WILL RESULT IN THE STUDENT NOT BEING ALLOWED TO PARTICIPATE IN THE ACTIVITIES AND HE WILL RECEIVE A GRADE OF ZERO FOR THAT PORTION OF THE CLASS. STUDENTS MUST ADHERE TO SAFETY STANDARDS DEVELOPED FOR SPECIFIC CAREER-TECHNICAL PROGRAMS.**

## AGRICULTURE

AGRISCIENCE (802)  
HONORS AGRISCIENCE (801)

See Page  
See Page

PRINCIPLES OF AGRICULTURAL  
SCIENCE (817)

1 Credit; 10th, 11th, 12th  
**Insurance Required**

Students will develop a basic understanding of the importance of agriculture to the nation and county. The course covers the basic areas of animal science, agribusiness, agricultural mechanics, and natural resource management. This is an introductory class and is a required prerequisite for many classes in this subject area. Students cannot take this course if a credit in Agriscience has been earned.

WILDLIFE MANAGEMENT AND  
RECREATION (803)

1 Credit; 10th, 11th, 12th  
**Insurance Required**

Students will study game management, information and safety, integration of agriculture and wildlife, law enforcement, fish management and state and national park values, and proper hunting techniques.

FORESTRY (816)

1 Credit; 10th, 11th, 12th  
**Insurance Required**

Students will develop skills in producing, harvesting, marketing, and developing forestry products. This class will give students an understanding of the importance of natural resource conservation and management, in addition to giving them the opportunity to explore career opportunities in this area.

HORSE SCIENCE (805)

1 Credit; 10th, 11th, 12th  
**Insurance Required**

Students will develop a basic understanding of horse handling, health, maintenance, reproduction, selection, and management.

AGRICULTURAL MECHANICS AND  
MAINTENANCE (800)

1 Credit; 10th, 11th, 12th  
Prerequisite: Principles of  
Agricultural Science or Agriscience  
Credit  
**Insurance Required**

Students will develop skills in metalwork, arc and gas welding, land measurement and evaluation, and wood working. Agricultural labor saving devices will be constructed in shop. This course will help prepare students for mechanical work in a shop or home environment. Career opportunities will be explored.

ADVANCED AGRICULTURAL MECHANICS (811)

1 Credit; 10th, 11th, 12th  
Prerequisite: Principles of Agricultural Science or Agriscience Credit  
**Insurance Required**

Students will develop skills in metal fabrication and agriculture structures. Course work will include hot/cold metalwork, cost and material computation, electrical wiring, engine service and repair, blueprint reading and drawing, and selection of appropriate materials for projects. Students will construct agricultural shop projects.

AGRICULTURAL POWER AND EQUIPMENT I (806)

1 Credit; 10th, 11th, 12th  
Prerequisite: Principles of Agricultural Science or Agriscience Credit  
**Insurance Required**

Students will develop a basic understanding of engine operation, fuel systems, intake and exhaust systems, lubrication systems, and servicing of agricultural equipment. Career opportunities will be explored.

AGRICULTURAL POWER AND EQUIPMENT II (807)

1 Credit; 11th, 12th  
Prerequisite: Agricultural Mechanics or Agriculture Power & Equip. I Credit  
**Insurance Required**

Advanced principles of engine operation, fuel systems, intake and exhaust systems, lubrication systems, and hydraulics will be covered in this course. Shop activities will include repair and overhaul of agricultural equipment.

GREENHOUSE MANAGEMENT I (812)

1 Credit; 10th, 11th, 12th  
**Insurance Required**

Students will develop skills in greenhouse management, stocking and caring for crops, plant propagation, controlling parasites and diseases, and marketing crops. Careers in greenhouse management will be explored.

LIVESTOCK MANAGEMENT (809)

1 Credit; 10th, 11th, 12th  
Prerequisite: Principles of Agricultural Science or Agriscience Credit  
**Insurance Required**

Students will develop skills and understanding of the different types of animal production while gaining knowledge of animal anatomy, nutrition, health, genetics, facilities, and environmental concerns. This course will help prepare students for further study in animal science.

PLANT BIOTECHNOLOGY (813B)  
(Advanced Greenhouse Mgt.)

1 Credit; 11th, 12th  
Prerequisites: Agriscience or Principles of Agricultural Science Credit and Greenhouse Management  
**Insurance Required**

This course will prepare students who have an interest in higher level, science-based plant agriculture. It will include biological science standards. Students will study rigorous standards related to the principles of plant growth, cell structure and functions, heredity and genetics, plant breeding and improvement, hormones and growth regulators, chemical nature of plant life, flower structure and function, seed formation and germination, DNA and biotechnology, and emerging technologies. Students will use the scientific methods to investigate a plant problem. FFA and supervised experience will be included as appropriate.

VETERINARY SCIENCE (799)

1 Credit; 11th, 12th  
Prerequisites: Agriscience or Principles of Agricultural Science

Veterinary Science challenges students to use advanced technologies and medical treatments to maintain the health of animals. The animal health industry continues to grow in importance and prominence as more people purchase animals for pleasure and sustenance.

LANDSCAPING AND TURF MGT. (818B)

1 Credit; 10th, 11th, 12th  
Prerequisites: Agriscience or Principles of Agricultural Science

This course includes standards to prepare students for creating beautiful environments for homes and businesses. The study includes site analysis and preparation, landscape drawing, plant selection, and installation. Maintenance of healthy, attractive landscapes and turf areas will be emphasized. With the increase of urban sprawl, these career opportunities are increasing rapidly. Plant science and leadership skills taught in this class will prepare students to meet the demands of this exciting industry.

AGRICULTURE COOPERATIVE EDUCATION

(835) 1-2 Credits; 11th, 12<sup>th</sup>  
Prerequisite: Instructor approval;  
Meet all eligibility requirements;  
Enrollment in an agriculture course  
**Insurance Required**

This course is designed to provide students with the opportunity to integrate the agriculture curriculum with on-the-job training. It is not a "stand alone" program; it is a function of an agriculture course. Because of this fact, students are strongly encouraged to consider the agriculture course they wish to take *first*, because at least 75% of their grade for the co-op course will be based upon classroom performance. The co-op program is designed to achieve two goals: 1) to give students credit for their work in a job, and 2) to give students the opportunity to put into practice what

they learn in an agriculture course. Co-op programs are established once school begins. If a student has sufficient credits, he/she may be allowed to leave school early in order to work at his/her cooperative education placement. Policies, rules, and guidelines will be explained by the instructor before the student begins the experience. Grading is based upon classroom experience and work performance. Students may earn one or two additional credits in the course based upon the average number of hours worked.

ALL STUDENTS ENROLLING IN ANY CAREER/TECHNICAL AGRICULTURE CLASS WILL BELONG TO THE FUTURE FARMERS OF AMERICA. FFA LEADERSHIP SKILLS WILL BE AN INTEGRAL PART OF AGRICULTURE CLASSES.

**\*\*\*Insurance Note:** Students in all agriculture courses must be covered by a family or individual health insurance plan. Proof of coverage must be submitted to the teacher within the first five days of the initial semester in which a student is enrolled in an agriculture class. Failure to provide proof of coverage prior to shop/laboratory activities will result in the student not being allowed to participate in the activities and he/she will receive a grade of zero for that portion of the class. All students are expected to adhere to all safety standards.

### TRADE AND INDUSTRIAL COURSES

CAREER MANAGEMENT SUCCESS (836) 1 Credit; 9th  
½ Credit; 10th

The course provides students with tools for achieving success in their academic, work, and personal lives. Students will be exposed to coping skills, decision-making, and information on how their choices in high school can impact their future and personal life style. The course is designed to better educate students on selecting a focus area of study that will support future career goals and plans. A.S.K. (Attitude, Skills, and Knowledge) is the main focus throughout high school and beyond.

CONSTRUCTION CORE (819) 1 Credit; 9th, 10th  
Construction Core will introduce students to basic skills and knowledge applicable to all construction trades. Topics covered include safety, construction drawings, site layout, hand and power tools, linear and angular measurements, and application of algebraic and geometric principles to construction problems. Membership in SkillsUSA is highly recommended. **See insurance note.**

CARPENTRY I (821) 2 Credits; 10th, 11th  
Prerequisite: Construction Core  
Algebra I (May take concurrently)

Carpentry I is a course that will introduce students to basic skills and knowledge related to residential and commercial carpentry. Topics covered include wood/metal/concrete building materials, fasteners, hand and power tools, fabrication based upon construction plans, and framing of platform and post-and-beam structures in both wood and metal. This course gives students an introduction to the skill and knowledge base typically required for apprentice carpenters. Membership in SkillsUSA is highly recommended. **See insurance note.**

CARPENTRY II (822) 2 Credits; 10th, 11th, 12th  
Prerequisite: Carpentry I

Carpentry II is a course in which students will extend their skills and knowledge related to residential and commercial carpentry. Topics covered include stairs, installation and trim of windows and doors, installation and repair of gypsum wallboard, advanced site layout, exterior finish work, thermal and moisture protection, and an introduction to welding. This course gives students a substantial skill and knowledge foundation typically required for apprentice carpenters. Membership in SkillsUSA is highly recommended. **See insurance note.**

MASONRY I 2 Credits; 10th, 11th  
Year-long course  
Prerequisites: Construction Core and  
Algebra I or Technical Algebra

Masonry I is a course that will introduce students to basic skills and knowledge related to masonry construction in residential and commercial structures. Topics covered include safe practices, interpretation of construction drawings, basic laying techniques, masonry reinforcement, arch construction, and accommodations for weather. This course gives students an introduction to the skill and knowledge base typically required for apprentice masons. **See insurance note.**

MASONRY II 2 Credits; 11th, 12th  
Year-long course  
Prerequisites: Construction Core,  
Geometry or Technical Geometry,  
Principles of Technology I or Physical  
Science

Masonry II is a course in which students will learn and practice intermediate skills related to masonry construction in residential and commercial structures. Topics covered include safe practices, advanced construction drawing interpretation, design of panel and curtain walls, construction planning and scheduling. This course gives students a substantial skill and knowledge foundation typically required for apprentice electricians. **See insurance note.**

ELECTRICAL I (899) 2 Credits; 10th, 11th  
Recommended Prerequisites:  
Construction Core and Algebra I  
credit

Electrical I will provide basic skills and knowledge related to residential and commercial electrical systems. Course content includes leadership development, safe practices, Ohm's law, installing conduit, conductors, residential and commercial electrical systems, and services according to National Electrical Code (NEC) and local codes. This course gives students an introduction to the skill and knowledge base typically required for apprentice electricians. Membership in SkillsUSA is highly recommended. **See insurance note.**

ELECTRICAL II (890)

2 Credits; 12th  
Prerequisites: Construction Core,  
Elec. I, Algebra I, OR Phys. Sci.,  
Tech. Geometry

Electrical II is a course in which students will learn and practice intermediate skills related to electrical systems with emphasis on commercial systems. Topics covered include over-current protection, sizing conductors, lighting systems, three-phase motors, motor control circuits, sizing raceways, boxes and fittings, and connecting distribution transformers, including a laboratory experience conducted in a shop environment that supports electrical assembly projects by students. This course gives students a substantial skill and knowledge foundation typically required for apprentice electrician. Membership in SkillsUSA is highly recommended. **See insurance note.**

ELECTRICAL II - WSCC (050)

2 Credits; 12th

The student must be enrolled in Electrical II course (above) in order to be eligible to dual enroll in Electrical II at Walters State Community College.

HEATING VENTILATION AIR CONDITIONING/  
REFRIGERATION (HVAC/R) (826)

2 Credits; 10th, 11th  
Prerequisite: CMS/Construction  
Core Credit; Algebra I May be taken  
concurrently.)

HVAC/R I is a course that will introduce students to basic skills and knowledge related to residential and commercial heating, ventilation, air conditioning and refrigeration (HVAC/R). Topics covered include tools and equipment, safety, hazards unique to HVAC/R work, physics principles, mechanical refrigeration cycle, and installation and servicing of HVAC/R systems. Course content provides students with skill and knowledge to advance to HVAC/R II. Students completing HVAC/R I will be eligible to take the Core, Type I and Type II technician certification of the EPA Proper Refrigerant Usage and Handling examination. Membership in SkillsUSA is highly recommended. **See insurance note.**

HEATING/ VENTILATION/ AIR CONDITIONING/  
REFRIGERATION (HVAC/R) II (827)

2 Credits; 11th, 12th  
Prerequisite: HVAC/R-I

HVAC/R II is a course in which students will extend their skills and knowledge related to residential and commercial heating, ventilation, air conditioning, and refrigeration. Topics covered include electricity, thermodynamics, psychometrics, diagnostic, forced air furnaces, air distribution systems, and heating/cooling load analysis. This course gives students a substantial skill and knowledge foundation typically required for apprentice HVAC/R technicians. Course content provides school-based and work-based learning opportunities for students. It prepares students for entry-level employment, advanced training in HVAC/R, and entry into post secondary education. Membership in SkillsUSA is highly recommended. **See insurance note.**

COOPERATIVE EDUCATION (828)  
HEATING VENTILATION AIR  
CONDITIONING/REFRIGERATION

1-2 Credits; 12th  
Prerequisite: HVAC/R Credit;  
Approval of Instructor  
Insurance & Transportation  
Required

HVAC/R Co-op is designed to provide on-the-job training for advanced students in the field of heating ventilation, air conditioning, and refrigeration. The students are required to be enrolled at least one period per day in the HVAC/R class. Grading is based upon work performance and classroom experience. Because the co-op student is paid by the participating employer, students must make co-op arrangements with the instructor *prior to enrollment*. **See insurance note.**

**TRANSPORTATION**

TRANSPORTATION CORE (830)

1 Credit; 9th, 10th

The Transportation Core course prepares students for entry into all subsequent transportation courses. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, and basic technician skills. Upon completing this course, students may enter automotive service technology. **See insurance note.**

AUTOMOTIVE: BRAKE SYSTEMS  
(831)

1 Credit; 10th, 11th  
Prerequisite: Transportation Core

This course offers training in the diagnosis and repair of hydraulic, mechanical, and electrical systems used in standard and anti-lock brake systems. Course content includes diagnosis, repair, and/or service technology of hydraulic and anti-lock brake systems to original equipment manufacture (OEM) specifications. Educational experiences simulate automotive service industry operations through training aids, laboratory facilities, and school-based learning opportunities. Course content prepares students for the Automotive Service Excellence (ASE) Brake System test for entry level placement in the work force and for entry into post-secondary education. **See insurance note.**

AUTOMOTIVE: SUSPENSION  
AND STEERING (832)

1 Credit; 10th, 11th, 12th  
Prerequisite:  
Automotive: Brake Systems (May be  
taken concurrently with this course.)

This is a course that prepares students for entry-level positions or advanced training in automotive suspension and steering systems. Course material covers the principles of automotive suspension/steering systems and four-wheel suspension alignment. Course content provides students the opportunity to acquire marketable skills by training in wheel alignment and the testing, diagnosis, and repair of steering and suspension systems. Lab facilities and experiences simulate automotive service industry operations through the use of training aids and modules and school-based learning opportunities. The course content prepares students for the Automotive Service Excellence (ASE) Suspension and Steering test. **See insurance note.**

AUTOMOTIVE: ELECTRONIC SYSTEMS 2 Credits; 11th, 12th  
(833) Prerequisite: Automotive:  
Suspension and Steering & Brake  
Systems

This course prepares students for entry-level positions or advanced training in automotive electrical and electronic systems. Students apply principles of electronics to automotive technology and develop diagnostic skills. The course provides students the opportunity to acquire marketable skills in training in the use of digital and analog voltmeters, ohmmeters, and amp meters as well as oscilloscopes, test lights, load testers and specialized electrical test equipment. Education experiences simulate automotive service industry operations through the use of training aids and modules and school-based learning opportunities. The course content prepares students for the Automotive Service Excellence (ASE) Electrical and Electronics test. **See insurance note.**

AUTOMOTIVE: ENGINE PERFORMANCE 2 Credits; 11th, 12th  
(834) Prerequisite: Automotive: Electronics  
System

This is a course that prepares students for entry-level positions or advanced training in engine performance. The course covers electronic ignition and distributor ignition systems, fuel management, exhaust emission control, and computer input and output signals and will identify the different types of sensors used by automotive engine computers. Students will perform inspections, tests, and measurements for diagnosis and perform needed repairs. Education and experiences simulate automotive service industry operations through the use of training aids and modules and offer school-based learning opportunities. **See insurance note.**

**INSURANCE NOTE: A family or individual hospitalization plan must cover the student in all trade and industrial courses. Proof of coverage must be submitted to the teacher within five (5) days of the beginning of the semester in which he/she is enrolled. Failure to provide proof of insurance prior to shop activities will result in the student not being allowed to participate and receiving a zero grade for that portion of the class.**

**Students must provide their own safety glasses before they are allowed to participate in shop activities. Students must adhere to safety standards developed for the shop area.**

## DESIGN COMMUNICATIONS

The Design Communications program combines theory with practical applications to develop the technical and aesthetic skills necessary to be competitive in the graphic design and other related fields. The courses are designed to prepare student for advanced coursework at post-secondary institutions in Tennessee and prepare them to meet the challenges of high-skill, high-wage careers in this competitive field.

VISUAL COMMUNICATIONS (728) 1 Credit; 10th, 11th,  
Visual Communications is an introductory course that provides a foundation in aesthetic concepts and applies these concepts to the visual art, design, printing, and photography industries. Students will be introduced to Adobe Photoshop, Illustrator, and InDesign. Students will gain proficiency in the areas of computer graphics, image manipulation, page layout, and digital printing. Knowledge and skills will be enhanced in a production laboratory through experiences that will simulate the graphic design industry. Course content provides the opportunity to acquire marketable skills by examining both the visual communications industry and its career opportunities and by developing leadership, teamwork, and technical skills.

DIGITAL DESIGN AND IMAGING 1-4 Credits; 10th, 11th, 12th  
(725) Prerequisite: Visual Communications  
with recommended grade of 93 or better  
or Instructor Approval

Digital Design and Imaging will allow students to enhance the skills learned in Visual Communications. Student s will pursue advanced techniques with Adobe Photoshop, Illustrator, and InDesign. Additional areas will be explored including 3D modeling, animation, interactive multimedia, motion graphics, and photography. Knowledge and skills will be reinforced in a fast-paced, production-oriented environment that simulates the graphic design industry. Students will develop professional skills that will be valuable in any work environment, along with industry practices that are specific to the graphic design field. *This course may be repeated for credit.*

## COSMETOLOGY

**Placement in the cosmetology program is based upon a good attendance and discipline record.**

PRINCIPLES OF COSMETOLOGY 1 Credit; 10th  
(839) Prerequisite: Instructor Approval

This course, which is the first level of cosmetology, prepares students with work-related skills for advancement into the Design Principles of Cosmetology course. Content provides students the opportunity to acquire basic fundamental skills in both theory and practical applications of leadership and interpersonal skill development. Content stresses safety, environmental issues, and protection of the public and designers as integrated with principles of hair design, nail structure, and cosmetic procedures. Laboratory facilities and experiences simulate those found in the cosmetology industry. Students must show proof of valid social security number for state certification. **See insurance note.**

DESIGN PRINCIPLES 2 Credits; 11th  
OF COSMETOLOGY Prerequisite: Principles of  
(837) Cosmetology; Instructor Approval

This course, which is the second level of cosmetology, prepares students for work-related skills and advancement into the Chemistry of Cosmetology course. Content provides students the opportunity to acquire knowledge and skills in both theory and practical application. Advanced knowledge and skills in hair design, nail artistry, and

cosmetic applications will be enhanced in a laboratory setting which duplicates cosmetology industry standards. (Note: Chemistry of Cosmetology should be taken after this course.) Students must show proof of valid social security number for state certification. **See insurance note.**

CHEMISTRY OF COSMETOLOGY (838) 2 Credits; 12th  
Prerequisite: Design Principles of Cosmetology

This course, which is the advanced level of cosmetology, prepares students to perform work-related services using chemicals in the cosmetology industry. Content provides students the opportunity to acquire foundation skills in both theory and practical applications. Laboratory facilities and experiences will be used to simulate cosmetology work experiences. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee State Board of Cosmetology examination for a Tennessee Cosmetology License. **See insurance note.**

### FAMILY AND CONSUMER SCIENCES

The consumer and homemaking education program is designed to prepare students, both male and female, for the dual role of homemaker and wage earner. Courses in the department offer practical skills for daily living as well as education in relationships and realistic preparation for future roles in life. Students are eligible and encouraged to join the Family, Career, and Community Leaders of America (FCCLA) organization.

FAMILY AND CONSUMER SCIENCES (630) 1 Credit; 9th, 10th

Family and Consumer Sciences (FACS) is a comprehensive foundation course designed to assist students in developing core knowledge and skills needed for successful life planning and management. Content includes human development, family and parenting education, resource management, housing and living environments, nutrition and foods, textiles and apparel, leadership development, and career preparation. A unique focus is on the management of families, work, and their interrelationships. The course provides a foundation for further study in specialized related career areas.

FAMILY & PARENTING (632) 1 Credit; 10th, 11th, 12th  
CHILD DEVELOPMENT

Family and Parenting focuses on the significance of the family as a basic unit of society and the impact of parenting roles and responsibilities on the well-being of individuals and society. Instructional content includes family, individuals, and society, relationships, communication, multiple parenting roles and responsibilities, careers; leadership, citizenship, and teamwork.

Child Development prepares students to understand the physical, social, emotional, and intellectual growth and development throughout the lifespan. Instructional content includes child development theories and research, prenatal development, infants and toddlers, preschool years, middle childhood, adolescence, adulthood, geriatrics, death and dying, careers and leadership, and citizenship and teamwork.

TEXTILES AND INTERIOR DESIGN (644) 1 Credit; 10th, 11th, 12th

Textiles and Apparel is a specialized course designed to build foundational skills in selection, production, construction, and alteration of textile and apparel products. Instruction includes hands-on activities, technology applications, and academic integration.

Interior Design is a specialized course focusing on the interior of living environments. The course includes instruction in the fundamentals of interior design, the application of skills, knowledge, and design principles to the living environment, and interior design occupations and careers. Instruction includes hands-on activities, technology applications, and academic integration. Students will provide materials for projects. Students in this course will be eligible to become a member of Family, Career, and Community Leaders of America (FCCLA), the co-curricular student organization that provides students with opportunities for leadership development, personal growth, and school/community involvement. Students will provide materials for projects.

LIFE CONNECTIONS (637) 1 Credit; 11th, 12th

Life Connections is a course designed to assist students in making a successful transition from high school into the post-high school environment. Students will be empowered to take action for the well being of themselves and others as they effectively manage the roles and responsibilities created by family, career, and community interactions. The role of communication in establishing and maintaining healthy interpersonal relationships is emphasized. Skills related to decision making, problem solving, critical and creative thinking, technology, and workplace readiness practiced in Life Connections will provide students with an understanding of how to plan for and manage careers in an ever-changing workplace.

NUTRITION AND FOOD (642) 1 Credit; 11th, 12th

This is a course designed to broaden understanding and appreciation of food in all of its aspects. Activities focus on nutrition, selection, preparation, and care of food. The course involves a variety of experiences dealing with many different foods. Students will participate in the actual preparation and tasting of foods and learn the importance of planning and serving food in order to save time and money. Students provide some food products. A fee is charged.

### HEALTH SCIENCE & TECHNOLOGY

HEALTH SCIENCE EDUCATION (866) 1 Credit; 9th, 10th

This course serves as a foundation for all health science courses. This course is a prerequisite for Medical Therapeutics, Emergency Medical Services, Diagnostics Medicine, and Rehabilitative Therapies. The course will include basic health care information. The students will explore health careers and demonstrate key employability skills required of health care professionals. Also included in the course are the studies of medical terminology, health care facilities, infection control, and safety. Students will study body systems, diseases, vital signs, and other assessment skills. **Membership in HOSA is recommended.**

MEDICAL THERAPEUTICS (857) 1 Credit: 10th, 11th  
Prerequisite: Health Science Education

This course is designed to help students evaluate the ways that therapeutic health care is used to focus on direct patient care. The career topics that are explored include pharmacology, nursing, medicine, dentistry, and laboratory techniques. This is a theory and skills class. With successful completion of this course, the student may qualify for a clinical internship in this area of study. **Membership in HOSA is recommended.**

DIAGNOSTICS MEDICINE (862) 1 Credit: 11th, 12th  
Prerequisite:  
Health Science Education

This course is designed to provide the basic knowledge and skills necessary to pursue a career in the area of diagnostic medicine. Careers could include cardiology, imaging, respiratory care, medical laboratory, and optometry. Diagnostic medicine assesses an individual's health care status based upon particular diagnostic tests. Students will explore the types of technology used in diagnostic medicine and learn the basis for the testing process. With successful completion of this course, the student may qualify for a clinical internship in this area of study. **Membership in HOSA is recommended.**

CLINICAL INTERNSHIP (863) 1 Credit: 11th, 12th and age 16 or older; Instructor Approval  
Prerequisites: Health Science Ed and one of the following:  
Medical Therapeutics,  
Diagnostics Medicine,  
Rehabilitative Therapies  
**Insurance Required**

Clinical Internship is limited to 10 students due to the capacity of the clinical site. In order for a student to enter a Health Science work-based learning position, the student must:

1. Complete Health Science Education and the appropriate Health Science theory class;
2. Receive a grade of B or better in those classes;
3. Have no more than 8 absences or 2 tardies in those classes;
4. Be of good character with no discipline referrals while enrolled in or taking the health science classes. Discipline and attendance will be reviewed before the student takes the course.

Students who qualify may enroll in a clinical internship after successful completion of the prerequisites. Internship may be completed in a health care facility. A clinical internship is a non-paid work-based learning experience. Students who meet the prerequisites will have the opportunity to take clinical internship. After at least four weeks of classroom clinical preparation, the student will go to the clinical site three days a week and will be in the classroom two days a week. Transportation to and from the clinical site is the responsibility of the parents. According to the Tennessee

work-based learning standards, students must maintain an attendance rate of 90% or better to successfully complete the course. **Membership in HOSA is recommended.**

REHABILITATIVE THERAPIES (864) 1 Credit: 10th, 11th, 12th  
Prerequisite: Health Science Ed.

This course is designed for students interested in a career in personal fitness, aerobics, exercise physiology, recreational therapy, or as an athletic trainer. The course includes information for students who are interested in sports or athletic injuries or want to learn ways to prevent and assist in treating athletic injuries. With successful completion of this course, the student may qualify for a clinical internship in this area of study. **Membership in HOSA is recommended.**

EMERGENCY MEDICAL SERVICES (851) 1 Credit: 11th, 12th  
Prerequisite: Must be currently certified in CPR by either the Am. Red Cross or the Am. Heart Assoc.  
**Insurance Required**

This course provides the student with knowledge and skills for the emergency medical field, responsibilities and legal aspects, patient assessment, first aid measures, and the use of emergency equipment. **It is suggested that students take Health Science Education as a prerequisite.**

## MARKETING

MARKETING EDUCATION I (840) 1 Credit: 10th, 11th, 12th  
Prerequisite: Completing an interest survey

Marketing Education I is a vocational course of study designed to prepare students for the world of work, particularly in the areas of marketing and management. Recent studies indicate that one out of every three people will earn their livelihood in these fields. The classroom activities will include introductory training in the areas of advertising, communications, human relations, mathematics, selling, and cash handling. Extensive work will be done in career exploration and acquiring job search skills. A portion of the overall marketing grade will be achieved by work in the Marketing Education Learning Laboratory, commonly referred to as the Patriot Post school store. Membership in DECA, an association of marketing students, is required. This course can be substituted for the economics credit required for graduation.

RETAIL OPERATIONS (845) 1 Credit: 11th, 12th  
Prerequisite: Marketing I Credit

Retail Operations offers students the opportunity to learn marketing skills needed in the fast-paced world of retailing. The student will learn that retailing is a significant and vital component to the United States economy and is quickly becoming an integral part of the global economy. Throughout the course, the student will be made aware of the importance of retailing in its various forms as the final step in getting products and services to consumers in the market place. This course may be specialized to a specific area such as fashion retailing. Membership in DECA, an association of marketing students, is required.

MARKETING EDUCATION II (842) 1 Credit; 11th, 12th  
Prerequisite: Marketing Education I

Marketing Education II is a career/technical course of study for students who wish to prepare for and further their knowledge in the areas of marketing and management. Studies indicate that as many as a third of the American population work in these areas, and Marketing II is designed to prepare students for leadership roles in these fields. The course will include advanced training in the areas of display, human relations, merchandising, operations and management, inventory management, and selling. A portion of the overall Marketing II grade will be earned by working the Marketing Education Learning Laboratory, commonly referred to as the Patriot Post or the school store. Membership in DECA, an association of marketing students, is required.

VIRTUAL ENTERPRISE INTERNATIONAL 1 Credit; 10th, 11th, 12<sup>th</sup>  
(870)

Virtual Enterprise International (VE) is a simulated business environment. The VE students will be involved in actual on-the-job work experiences, including accounting, personnel administration, management and marketing. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. However, services will be provided. Working in a team, the student will develop and enhance oral and written communication skills through initiative, responsibility, and creativity.

The VE experience will weave together several academic disciplines and occupational subjects, thereby overcoming fragmentation of subjects. The course will link learning to application and real-life experiences. The goal is to create a learning environment that, through a series of activities, integrates school and workplace to enhance learning. Laboratory facilities and experiences simulate those found in business and industry. A portion of the overall marketing grade will be earned by working in the Marketing Education Learning Laboratory, commonly referred to as the Patriot Post school store. Membership in DECA, an association of marketing students, is required.

TRAVEL AND TOURISM (871) 1 Credit; 11th, 12th  
Prerequisite: Marketing I and/or

Travel and Tourism is a growing industry encompassing a variety of businesses and employment opportunities. This course prepares students for gainful employment and/or post-secondary training in the industry of travel and tourism. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities and by developing the human relations, communications, and technical skills needed for advancement. A portion of the overall marketing grade will be earned by working in the Marketing Education Learning Laboratory, commonly referred to as the Patriot Post school store. Membership in DECA, an association of marketing students, is required.

HOSPITALITY MANAGEMENT 1 Credit; 11th, 12th  
(872) Prerequisite: Marketing I

The changing hospitality industry encompasses growing and varied employment and career advancement opportunities. This course prepares students for gainful employment and/or post-secondary training in the hospitality industry. Content provides students the opportunity to acquire marketable skills by examining the industry, exploring career opportunities and developing the interpersonal and technical skills. A portion of the overall marketing grade will be earned by working in the Marketing Education Learning Laboratory, commonly referred to as the Patriot Post school store. Membership in DECA, an association of marketing students, is required.

MARKETING COOPERATIVE 1 Credit; 12th  
EDUCATION (843) Prerequisites: Instructor Approval;  
Marketing I Credit; Enrollment in Marketing II or Advertising and Public Relations;  
Successful Completion of all Gateway Tests; Insurance and Transportation Required

The Marketing Cooperative Education program is designed to provide students with the opportunity to integrate the marketing curriculum with on-the-job training. Marketing Cooperative Education is not a "stand alone" program; it is a function of a marketing course. Because of this fact, students are strongly encouraged to consider the marketing course they wish to take *first*, because at least 75% of their grade for the co-op will be based upon classroom performance. The co-op program is designed to achieve two goals: 1) to give students credit for their work in a job, and 2) to give students the opportunity to put into practice what they learn in a marketing course. Co-op programs will be established once school begins. If a student has sufficient credits, he/she may be allowed to leave school early in order to work at their cooperative education placement. However, they must report to work before the end of the regular school day. Additional policies, rules, and guidelines will be explained by the instructor before the student begins the experience. Grading is based upon classroom experience and work performance. Students may earn one additional credit in the course based upon the average number of hours worked. Membership in DECA, an association of marketing students, is required.

ADVERTISING AND PUBLIC 1 Credit; 11th, 12th  
RELATIONS (846) Prerequisite: One Marketing Credit

Advertising and public relations focuses on the concepts and strategies associated with the dynamic and changing means of communication in order to promote products, services, ideas, and/or images. The course encourages students to examine this field from the viewpoints of the creative staff, business person, and consumer. Membership in DECA is required.

SPORTS AND ENTERTAINMENT MARKETING  
(844) 1 Credit; 11th, 12th  
Prerequisite: Marketing I Credit

Sports and Entertainment Marketing is a specialized marketing course which is designed for students to develop skills in the areas of facility design, merchandising,

advertising, public relation/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. A portion of the overall grade will be achieved by working in the Marketing Education Learning Laboratory, commonly referred to the Patriot Post school store. Membership in DECA, an association of marketing students, is required.

## ENGLISH / LANGUAGE ARTS

ENGLISH 9 (110) 1 Credit

This course is designed to give the student a basic foundation in grammar, composition, and literature. NOTE: Two English classes cannot be taken the same year until English 9 has been passed. Placement in this class is based upon middle school grades and English teacher recommendation. **This is a year-long course.**

ENGLISH 9 HONORS (114) 1 Credit

This course is designed for the ninth grader with superior skills in eighth grade grammar, composition, and literature. Students must have a minimum 95 grade in eighth grade English and literature. Placement in this class is based upon middle school English teacher recommendation. The course will include outside reading assignments, research, a variety of writing assignments, and projects in order to adhere to the state framework of standards for honors courses. **This is a year-long course.**

ENGLISH 10 (120) 1 Credit

This course is designed to enhance the basic foundation of grammar, composition, and literature attained in English 9.

ENGLISH 10 HONORS (124) 1 Credit

Prerequisite: Recommended grade of 90 or above in previous English course

This course is designed for the student who has successfully completed English 9 Honors or who has done superior work in English 9. Placement in this course is based upon ninth grade English teacher recommendation. The course will include an intensive study of literature and composition with outside reading assignments, research, a variety of writing assignments, and projects in order to adhere to the state framework of standards for honors courses.

ENGLISH 11 (130) 1 Credit

This course is designed to build grammar and composition skills as well as provide a study of American literature.

COMBINED STUDIES: HONORS OR  
ADVANCED PLACEMENT (AP)

2 Credits; 11th

U.S. HISTORY/ENGLISH 11 (132/133) This is a year-long course.

Combined Studies is a year-long intensive study of American literature within its historical setting. The class period is divided between history and literature. The course will meet the requirements of both English 11 and U.S. History. The course will include a rigorous study of literature and composition and history with outside reading assignments, research, a variety of writing assignments, and projects. Students will have the option to take AP American History and AP English language exams.

ENGLISH 12 (140) 1 Credit

This course is designed to build grammar, literature, and composition skills.

AP ENGLISH 12 (142) See Page 17

HONORS ENGLISH 12 (WSCC/CNC) (144/145) 1 Credit

Entrance into this course is contingent upon a 92 grade point average in all courses through the 11th grade, a 19 composite score and English sub-test score on the ACT. Students taking this course will receive one high school credit in addition to college credit (6 semester hours). The instructor is provided by Walters State Community College on-site, and regular WSCC fees will be charged for the course.

YEARBOOK-JOURNALISM  
"SPIRIT OF" (192)

1-4 Credits; 11th, 12th

Prerequisite: Students are selected by application to advisor only.

Students plan and produce the school yearbook. Students should have an 85 or higher average in their English class, above average writing and communication skills, and basic computer skills. Those with experience in photography and PhotoShop are needed. Students will be required to attend after school workshops and/or work sessions.

NEWSPAPER-JOURNALISM  
PATRIOT PRESS (190)

1-4 Credits; 11th, 12th

Prerequisite: Students are selected by application to advisor only.

Students participate in producing the high school newspaper. Students should have an 85 or above average in their English class, should enjoy writing, and must have basic computer skills.

POETRY: PERSPECTIVES (193)

1 Credit; 10th, 11th, 12th

Prerequisite: Recommended grade of 75 or above most recent English class

This course covers poetry from medieval to modern verse. Students will consider historical, cultural, and literary aspects. Students will have many opportunities to write creatively, mimicking authors' styles as well as personal writing. Students will study in-depth certain authors who are not emphasized in a regular English class. Basic knowledge of essay writing is required. Students are required to create a comprehensive portfolio.

WOMEN WRITERS (194) 1 Credit; 11th, 12th  
Prerequisite: 75 or Better in Most  
Recent English Course

This course will include an historical survey of women writers, including nineteenth century and contemporary works focusing on writers' concerns with and presentation of issues such as race, ethnicity, religion, and class. The works of Bronte, Welty, O'Conner, Cather, Angelou, Tan, and Dykeman may be included. Formal essays and collaborative projects are a part of the course.

SPEECH AND PERFORMANCE (199) 1-2 Credits; 10th, 11th, 12th  
The purpose of this class is to prepare students for aspects of public performance and speaking. The students will learn to write and perform speeches as well as learn advanced aspects of acting and theatre performance. Students will also learn aspects of theatre history, focusing on the primary periods of stage and acting development. Students will be required to memorize cuttings from plays, write speeches, and perform in both cases. The final portion of the class will focus on forensic performance for audition and competition.

THE BIBLE AS LITERATURE (198) 1 Credit; 11th, 12th

This course will present an overview of the Bible, acquainting the student with commonly used biblical references, people, symbols, and themes. It will show the Biblical influence in classic and contemporary writings and will provide an academic approach to Biblical literacy.

CREATIVE WRITING (143) 1 Credit; 10th, 11th, 12th  
Students often have the opportunity to experience expository writing in the classroom, but have little time to develop imaginative writing. Creative Writing allows them to promote self-expression, to explore various writing styles, and to strive for variety in diction, sentence structure, and format.

## **EXCEPTIONAL CHILDREN SERVICES**

As a student is identified by meeting the eligibility standards for special education services, an interdisciplinary team develops, composes, and implements an individual education plan (I.E.P.). This plan is for one academic year and is updated annually. Educational, vocational, and behavioral goals and objectives are addressed. Efforts are made to include the student in regular education courses and school activities with the support of consultative services from the department of exceptional children services. Daily living and transitional skills needed to function with success in the community and workplace are a part of the program.

Course descriptions offered are as follows:

LIFE SKILLS ENGLISH (924) 1-2 Credits; 9th, 10th, 11th, 12th

This course is for students identified by the I.E.P. team who need individualized instruction to prepare for everyday living skills pertaining to English. Emphasis is given to basic grammar, reading, and writing skills. The student may earn one credit each semester.

LIFE SKILLS MATH (926) 1-2 Credits; 9th, 10th, 11th, 12th

This course is for students identified by the I.E.P. team who need individualized instruction to prepare for everyday living skills pertaining to math. Emphasis is given to basic mathematics and daily living skills associated with math. The student may earn one credit each semester.

GATEWAY ENGLISH (927) 1-2 Credits; 9th, 10th, 11th, 12th  
Prerequisite: Life Skills English

This course is for students identified by the I.E.P. team who need specialized instruction. Emphasis is given to specific grammar, reading, and writing skills. Instruction is given at differing and individualized learning levels and needs. Basic reading and writing skills are a prerequisite for this course. The student may earn one credit each semester.

GATEWAY MATH (928) 1-2 Credits; 9th, 10th, 11th, 12th  
Prerequisite: Life Skills Math

This course is offered to students identified by the I.E.P. team who need specialized instruction. Students in this course should already be proficient in basic addition, subtraction, multiplication, and division and working toward mastery in fractions, pre-algebra, and basic geometry. The student may earn one credit each semester.

LIFE SKILLS/LEAST RESTRICTIVE ENVIRONMENT FOR LIFE PROGRAM (LRE) (920) 1-4 Credits; 9th, 10th, 11th, 12th

This course is offered to students identified by the I.E.P. team who need specialized teaching and practical training in daily living skills. Emphasis is given to skills training in household chores, basic cooking, basic math, writing, and reading for daily living.

Based upon individual assessment, some eligible students may benefit more from the LRE program. The primary goals of the LRE program are to prepare the student for independent living, work, and recreation within their homes and community. This program is based upon the I.E.P. developed by the IEP team. The intent of this program is to have the student complete their I.E.P., which may or may not include credits earned in regular classes.

WORK BASED LEARNING (932) 2-4 Credits; 11th, 12th

This course is offered to students identified by the I.E.P. team who need specialized, practical, and on-the-job training for future vocational pursuits.

## FOREIGN LANGUAGES

### SUGGESTIONS FOR FOREIGN LANGUAGE STUDENTS

1. Foreign language is an interesting and essential part of a complete education. Every student is encouraged to explore its possibilities for use in travel, in understanding and comparing different cultures, and in complying with requirements for most job fields.
2. Successful completion of **two semesters** of **ONE** foreign language is required for admission to four-year colleges/universities and the State Board of Regents Universities in Tennessee. Other states/colleges may have further requirements. It is the student's responsibility to investigate requirements prior to his/her senior year.
3. Since most four-year universities require placement exams upon entering, students should consider completing a level three or higher course. Failure to test into a second-year language course at the university level often results in remedial coursework until the deficiency is corrected. Upper level courses prepare students for scholarships, entrance to competitive colleges, and language placement exams.
4. For continued success in learning a language, students should complete the series of language courses without interruption. The foreign language department strongly advises students not to wait until the senior year to begin their sequence of language courses.
5. For a successful completion of any foreign language, the following guidelines are recommended:
  - 1) An overall average grade of 80 or better in English courses
  - 2) Attendance is imperative and it is vital that a student be mentally engaged when present.

### FRENCH

FRENCH I (150) 1 Credit; 10th, 11th, 12th

A variety of techniques are used to develop a basic understanding of the French language and culture. Emphasis is placed on listening, speaking, reading, and writing. Students are introduced to the cultures of French-speaking countries through classroom experiences such as the study of French food, singing of songs, and viewing French films. Many other supplementary materials are used. A fee will be charged to cover the cost of materials.

FRENCH II (152) 1 Credit; 10th, 11th, 12th  
Prerequisite: French I

A continuation of French I, the course offers a thorough analysis of French grammar and practice in French phonetics. Stress is placed upon the four cornerstones of language learning--listening, speaking, writing, and reading. Students are exposed to the cultural and geographic variety of the French-speaking world. A fee is charged to cover the cost of materials.

FRENCH III (154) 1 Credit; 10th, 11th, 12th  
Prerequisite: French II

For students who are motivated to continue their language learning, this course is highly recommended for college-bound students. It reinforces prior learning as well as develops fluency through further education of the subject. It continues to

emphasize those areas which will aid the college-bound student in placement testing. Students are exposed to key events and historical figures from Franco home countries, various French holidays, and key literary masterpieces in part or in whole. Students are expected to use the French language. A fee is charged to cover the cost of materials. Class must have a minimum of 15 students to be offered. **Sufficient student interest and instructional resources are necessary to offer this course.**

FRENCH IV (155) 1 Credit; 10th, 11th, 12th  
Prerequisite: French III

For students who are highly motivated to continue their language learning, this culminating course continues to develop fluency and skill in the areas of reading, writing, listening and speaking. Literature, current events and authentic materials will be analyzed and discussed. Students are expected to use French. This course may be taught during another class period and will require some independent learning. A fee is charged to cover the cost of materials. **Sufficient student interest and instructional resources are necessary to offer this course.**

### GERMAN

GERMAN I (160) 1 Credit; 10th, 11th, 12th

This course introduces students to the German-speaking world, its people and its culture and customs. Through various techniques and activities, students are exposed to the five aspects of language learning--speaking, reading, listening comprehension, writing, and culture. Students will explore the role of German and Germany today, especially its importance in East Tennessee. A fee is charged to cover materials.

GERMAN II (162) 1 Credit; 10th, 11th, 12th  
Prerequisite: German I

A continuation of level one, the second level promotes language learning by using a vast array of realia and additional materials to create communication "situations" that a teenager living in Germany might face. In-depth grammar and vocabulary acquisition exercises are intended to prepare the student for college placement exams and the SAT II. A fee is charged to cover materials.

GERMAN III (164) 1 Credit; 10th, 11th, 12th  
Prerequisite: German II

Highly recommended for college-bound students, this level reinforces materials from previous levels while continuing to develop fluency using a variety of techniques and activities. Special attention is given to the history and the literature of the German-speaking world. Students are expected to use the German language. A fee is charged to cover materials. **Sufficient student interest and instructional resources are necessary to offer this course.**

GERMAN IV (165)

1 Credit; 10th, 11th, 12th  
Prerequisite: German III

This capstone course continues to develop and refine the skills of listening, speaking, reading, and writing. Current events, literature, the arts, and authentic materials emphasize the culture of the German-speaking world. German is the primary language of instruction. **Upon instructor's approval, this course may be taught during another class period and will require some independent learning.** A fee is charged to cover the expense of additional materials. **Sufficient student interest and instructional resources are necessary to offer this course.**

Note: Students wishing to take the AP exam or SAT II exam for German must have permission from the instructor to receive additional assignments and readings, and meetings for AP credit. Students in level three with a GPA of 3.0 and an overall GPA of 3.5 in all German classes who promote the study of German and exhibit great interest in German are eligible for membership into the National German Honor Society upon teacher recommendation.

**LATIN**

Latin is a language that can benefit any student who would like to enhance his vocabulary, reading ability, written and oral communication in English, appreciation for the influences of the classical world, and the foundation for learning other languages. It also helps a student with self-discipline and memorization skills. Through this study the student better understands his own heritage by understanding the ancient historical setting through a study of Greek and Roman customs and mores, as well as Greek and Roman accomplishments in government, art, and architecture.

LATIN I (170)

1 Credit; 10th, 11th, 12<sup>th</sup>

The first year student is taught the basic skills of grammar in order to enable the student to read and translate Latin. Emphasis is placed on the comprehension of the language. The cultural heritage of the Roman people is learned through cultural lectures, filmstrips, and projects. The influence and value of the Latin language is also emphasized through Latin-related articles from the media.

LATIN II (172)

1 Credit; 10th, 11th, 12th  
Prerequisite: Latin I

The Latin II student is stimulated to enhance his development of the proficient use of the Latin language. Advanced grammar is taught. The appreciation of classical literature is developed by reading and discussion of an English translation of the Aeneid. A study of Roman history, architecture and classical geography is emphasized.

LATIN III (174)

1 Credit; 10th, 11th, 12th  
Prerequisite: Latin I & Latin II

Latin III is a continuation of the study of Roman culture, writers, and Latin grammar. **Sufficient student interest and instructional resources are necessary to offer this course.**

**SPANISH**

SPANISH I (180)

1 Credit; 10th, 11th, 12th

This course balances a conversational and traditional approach to language learning. Students will learn basic vocabulary and grammar and acquire conversational skills by participation in role-playing activities, games and songs, and by listening to recorded materials. Students will also be exposed to Hispanic cultures by examining art, music, foods, and festivals. The course is designed as a building block for college preparation and the first step to achieving everyday communicative skills. A fee is charged to cover the cost of workbook activities.

SPANISH II (182)

1 Credit; 10th, 11th, 12th  
Prerequisite: Spanish I

This course will develop and strengthen the skills learned in Spanish I as well as provide new skills for the student to acquire. Grammar, reading, writing, and speaking skills are stressed. Students will also study various areas of Hispanic culture, including the three major Indian civilizations, bullfighting, music, and dance. Students will study portions of Spain and Mexico's history, including a variety of different celebrations and traditions around the Spanish world. A minimum 85 average in Spanish I is recommended for entry. A fee is charged to cover the cost of workbook activities.

SPANISH III (184)

1 Credit; 11th, 12th  
Prerequisite: Spanish II With a Recommended Average of 85 or Above in Spanish I & II

Spanish III begins with a review of basic grammar learned in Spanish I and II. Advanced grammar is introduced gradually. There is an overview of Spanish and Latin American history, literature, poetry, and culture. Speaking and writing skills are stressed. Class must have a minimum of 15 students to be offered. **Sufficient student interest and instructional resources are necessary to offer this course.**

**MATHEMATICS**

ALGEBRA I, STANDARD (306)

1 Credit; 10th, 11th, 12th

Standard Algebra I covers algebraic terminology and properties, linear functions, exponents and radicals, polynomials, rational expressions, quadratic functions, and probability and statistics. It is recommended that students have access to a calculator.

ALGEBRA I A / B (307) 1 Credit; 9th Only (Year Long Course)

This course follows the state curriculum for Algebra I; however, it is a more demanding course than standard Algebra I. It is designed for students who plan to take Algebra II or higher but are not eligible for advanced tracking. The material is supplemented with extra practice, enrichment, discovery, and hands-on activities.

HONORS ALGEBRA I (309) 1 Credit; 9th  
Prerequisites: Teacher-counselor recommendation; an average of 92 or above in 8th grade math is recommended.

This course is highly accelerated and more rigorous than other Algebra courses. In addition to the material covered in Standard Algebra I, course requirements include projects done through research and extended reading/writing assignments in order to enhance the student's understanding of the objective. Therefore, students should expect to do more work out of class. Topics include (but are not limited to) linear and quadratic equations and functions, rational expressions, irrational numbers, geometry, exponential and logarithmic functions, matrices, probability and statistics, powers and roots.

ALGEBRA II (310) 1 Credit; 10th, 11th, 12th  
Prerequisite: Alg. I Credit

Algebra II includes the topics of the complex number system, relations and functions, exponents and logarithms, quadratic relations, systems of equations and inequalities, and probability and statistics.

HONORS ALGEBRA II (312) 1 Credit; 10th, 11th, 12th  
Prerequisite: Minimum grade of 85 in Honors Algebra I or 90 in Algebra I A/B is recommended.

Honors Algebra II is a mathematics course designed for advanced students who are capable of a more rigorous study of Algebra II at an accelerated pace. In addition to the material covered in Standard Algebra II, students explore more challenging problems. Topics are covered in greater depth and there is a strong emphasis on problem-solving, critical analysis, and application. Some of the course requirements for Honors Algebra II include research, reading assignments, writing assignments, and projects to enhance understanding of the objectives studied in the course and to apply course curriculum to relevant or real-world situations. While a graphing calculator is not a requirement for this course, students may benefit from having their own graphing calculator to continue practicing skills acquired in class.

GEOMETRY (314) 1 Credit; 10th, 11th, 12th  
Prerequisite: Algebra I credit

This course includes the state-required basic elements of plane and solid geometry, coordinate geometry, formal proofs, and problem solving.

HONORS GEOMETRY (316) 1 Credit; 10th, 11th, 12th  
Prerequisite: Minimum grade of 85 in Honors Algebra I or 90 in Algebra I A/B is recommended.

Honors Geometry is an accelerated mathematics course for students who desire a more rigorous approach in the learning of Euclidean geometry. In addition to the objectives covered in a standard geometry class, the students will be required to complete a project that applies the course curriculum to relevant or real-world situations. Extended reading and writing assignments connected with the curriculum will also be a part of the course requirements. Emphasis on problem solving, critical analysis, and application will occur throughout the course.

BRIDGE MATH 1 Credit; 11th, 12th  
Prerequisite: Algebra I Credit, Geometry Credit

This course will cover a wide range of mathematical concepts related to previous learning. It is strategically designed to enhance a student's understanding of core concepts and better prepare them for the next level of mathematics. It is in alignment with the Developmental Studies Program for Mathematics, and is principally meant for students who score less than 20 on the mathematics portion of the PLAN test or ACT test. The use of technology, i.e., graphing calculators, and test-taking strategies will be emphasized.

STATISTICS (318) 1 credit; 11th, 12th  
Prerequisite: Recommended average of 80 or above in Adv. Geo. & Adv. Alg. II; 85 or above in Stand. Geo. & Alg. II

Statistics is an integral part of most college courses of study. Students who are planning to study business, computer science, medicine, nursing, education, engineering, agriculture, science, sports medicine, architecture, pre-law, and a variety of other subjects will all be taking a statistics course at the college level. This course will introduce students to elementary statistics and data collection to help prepare students for college-level study. Students will construct tables and charts, analyze data, and perform experiments using computer models and graphing calculators. Emphasis will be placed upon the use of appropriate technology.

PRE-CALCULUS (319) 1 Credit; 11th, 12th  
Prerequisites: Recommended grade of 75 or better in Adv. Geo and Adv. Alg. II OR minimum grade of 80 in Geo. and Alg. II. **A credit in geometry and Algebra II is required to take this course.**

The content of this course is a combination of topics from trigonometry and pre-calculus. Objectives include understanding algebraic and transcendental functions, equations and inequalities, trigonometric functions, polar coordinates and complex numbers, sequences and series, and conic sections. Students must have at least a scientific calculator, and a graphing calculator (TI-83 or TI-84) is strongly recommended.

HONORS PRE-CALCULUS (320) 1 Credit; 11th, 12th  
Prerequisites: Recommended grade of 80 or better in Honors Geo. and Honors Alg. II OR minimum grade of 85 in Stan. Geo. and Alg. II  
**A credit in both geometry and Algebra II is required to take this class.**

Honors pre-calculus will cover the state curriculum with the addition of extended reading and writing assignments and a class project. Students are strongly encouraged to have a graphing calculator (TI-83 or TI84) recommended. Preparation for AP Calculus is an important objective of this class. Emphasis will be placed upon problem solving, critical analysis, and application throughout the course.

ADV. ALGEBRA & TRIGONOMETRY (MATH IV) (321) 1 Credit; 12th  
Prerequisite: Pre-Calculus

This course includes the topics of relations and functions, exponents and logarithms, trigonometry, matrices, sequences and series, linear programming, and coordinate geometry. A graphing calculator is *required* (preferably a TI-86) for several sections of the class.

AP CALCULUS (390) See page 17

## PHYSICAL EDUCATION / LIFETIME WELLNESS

LIFETIME WELLNESS (602) 1 Credit; 9th

This course will address the state-required components of wellness and challenge each student to become his/her own personal trainer. Emphasis will be on personal responsibility for the quality of one's own health, decision-making skills, self-help and care, and personal fitness. A physical examination is required.

LIFETIME PHYSICAL EDUCATION I (604) 1 Credit; 10th, 11th, 12th

This course is designed to develop and reinforce skills learned in Lifetime Wellness. The activities will include personal fitness/weight management, aerobic exercise, and some individual and dual sports. A physical examination is required. Only one credit may be earned in PE I.

LIFETIME PHYSICAL EDUCATION II (606) 1 Credit; 10th, 11th, 12th

This course is designed to meet the active needs of students in areas of personal fitness through participation in team sports and innovative games. A physical examination is required. Only one credit may be earned in PE II.

PHYSICAL EDUCATION (608) 1/2 Credit; 10th, 11th, 12th

This course is designed to help develop and reinforce physical skills, social skills, and individual game strategies. This course will involve daily exercise, sports appreciation, rhythms and dance, recreational games and social activity planning.

SPORTS TRAINING (614) 1-3 Credits; 10th, 11th, 12th

The course offers detailed instruction on off-season conditioning and weight training to aspiring male and female athletes. Emphasis will be placed upon teaching the student the correct techniques in power and auxiliary lifts. Plyometric training will be given to improve power and quickness. Running will be required to improve endurance. A physician's statement on physical well being will be required.

CPR AND FIRST AID (850) 1/2 Credit; 10th, 11th, 12th

This course entails practice and application of the standards and accepted principles of safety education and first aid. After successful completion of this course, students will be certified by the American Heart Association in CPR for health care providers and AED. Students must maintain an 86 average and have regular attendance to pass with qualifications for certification.

NOTE: This course must be combined with Driver Education to complete a semester.

## DRIVER EDUCATION

DRIVER EDUCATION (650) 1/2 Credit, 10th, 11th, 12th  
Prerequisite: Age 15

Driver education is designed to provide carry-over value for the student by seeking to make safe and efficient drivers for the future. Driver education consists of two phases: 1) classroom instruction (30 hours), and 2) on-the-road instruction. It is taught by certified instructors; upon successful completion, students will meet insurance company requirements for reduced rates.

NOTE: This course must be combined with CPR/First Aid to complete a semester.

**ARMY JROTC**  
**(Junior Reserve Officer Training Corps)**  
**Mission: To motivate young people**  
**to be better citizens.**

ARMY JROTC (620)

1-4 Credits  
9th, 10th, 11th, 12th  
**Insurance Required**

Prerequisites for enrollment: An overall grade average of "C" and a commitment to self-improvement in leadership, personal responsibility, morals, character, physical fitness, and the discipline to properly wear the Army JROTC uniform. Enrollment in Army JROTC does not obligate the student in any way to military service.

This program is offered as an elective course for any student in grades 9 through 12. The program gives students the opportunity to grow personally while analyzing their leadership strengths and weaknesses. Students will be exposed to various practical leadership exercises and opportunities to sharpen leader, follower, and communication skills. The program consists of four years of progressive instruction focused on building discipline, confidence, and the ability to lead or follow while working closely with others. **Additional activities include rewarding experiences in the following areas: involvement in school events, community service, drill team, color guard, raiders, social events, and educational field trips.** Through the application of team-building challenges, development of citizenship skills, involvement in community projects, and exposure to leadership opportunities, the student will complete the program as a more productive student and citizen. Students will obtain valuable life skills and a desire for self-improvement that will help them be successful in today's society. The curriculum varies as the student advances in the JROTC program.

**Army JROTC LET 1 (first semester) - Introduction to Leadership Development**  
(620)

During the student's first semester in the program, he/she learns citizenship, U.S. military history, safety, hygiene, first aid, map and compass reading, leadership theory and application, teamwork, wear and appearance of the military uniform, drill and ceremonies, drug awareness, and military customs and courtesies. The first semester is focused on developing the leadership potential of all new students.

**Army JROTC LET 2-4 (second and subsequent semesters) – Intermediate Leadership Development**  
(620)

Additional prerequisite: Students must have a minimum grade of "C" from the previous semester in the JROTC program. In the second, third, and fourth year of Army JROTC, the student accepts daily leadership responsibilities and is required to continue to improve leadership skills. Students will be responsible to provide instruction based on the entire first year JROTC curriculum and will receive instruction in advanced levels of the curriculum. Students must have developed communication skills, precision drill and ceremonies abilities, a thorough knowledge of the curriculum,

and must lead by example with strong morals, ethics and character. The LET 2-4 students are involved in planning and conducting all events for the JROTC program. Other advantages of taking JROTC: Nominations for appointment to a U.S. military academy, advancement in college JROTC programs, and advanced ranks for enlistees.

Army JROTC Cadet Staff (622)                      **1 Credit**

The Army JROTC Cadet Staff is by invitation only from the JROTC head instructor. This staff is responsible for planning all JROTC activities and events.

## SCIENCE

All science courses offered count as laboratory science credits.

AGRISCIENCE (802)

1 Credit; 9th  
**Insurance Required**

This course will count as one life science credit. Areas covered include ecology, biological processes, reproduction, and chemical and physical properties of life. This course will prepare the student for biology and other higher science classes. This course is an introductory class and is a required prerequisite for many classes in this subject area. Students cannot take this course if a credit in **Fundamentals of Agriculture** has been earned.

HONORS AGRISCIENCE (801)

1 Credit; 9th  
Prerequisite: Minimum 90 in 8th  
grade math and science classes  
**Insurance Required**

This course will require the student's initiative to complete assignments and group projects. Areas of study include ecology, plant and animal biological processes and reproduction, chemical and physical properties of plants and soils and science career exploration. Emphasis will be placed upon public speaking through individual and group reports and activities. One credit in science will be earned for this course.

BIOLOGY I (206)

1 Credit; 10th, 11th, 12th

Biology I is required for graduation and students are required to pass the Gateway Biology end-of-course exam to graduate with a regular diploma. This course surveys various fields of biology such as genetics, cellular structure, microscopic organisms, simple plants, and animals. The students should develop an awareness of their place in the environment as well as an appreciation for all life forms. Classroom activities for the course include lectures, discussions, audio-visual aids, resource speakers, and laboratory work.

HONORS BIOLOGY I (207) 1 Credit; 9th, 10th  
Prerequisite: Recommended grade average of 95 in both semesters of 8th grade science

This is an advanced credit course that surveys various fields of biology such as genetics, cellular structure, microscopic organisms, simple plants and animals. This course is designed for students who have a strong interest in science and plan on taking more than the minimum science classes needed to graduate.

BIOLOGY II (208) 1 Credit; 10th, 11th, 12th  
Prerequisite: Recommended grade average of 85 or better in Biology I

Biology II is primarily intended for students who have attained a grade of 85 or higher in Biology I and plan to attend college. The course will include a study of the anatomy and physiology of animals and plants. Emphasis will be placed on laboratory work, including many dissection activities.

AP BIOLOGY (290) See Page 18

BIOTECHNOLOGY (224) 1 Credit; 10th, 11th, 12th  
Prerequisite: Recommended grade average of 85 or better in Biology I

Biotechnology will empower students with the skills that are standard laboratory operating procedures. The course will provide students with proficiencies in keeping a legal scientific notebook, experimental design, micropipeting skills, preparations of solutions, cell culturing techniques, DNA isolation, and gel electrophoresis. Students will develop introductory level proficiency in Microsoft Word and Excel. The course will focus on skill development as well as career opportunities. Science-bound and business-bound students benefit from the extensive skill development, science methods, and career exploration that permeate the curriculum.

SCIENCE RESEARCH & DESIGN (297) 1 Credit; 10th, 11<sup>th</sup>, 12th  
Prerequisites: Honors Biology I & Chemistry I OR Physics

This course is designed to excite students about science and its integration with technology. The class will combine math and science through laboratory experiments using data collection devices and the computer. The program will emphasize hands-on science, experimental design, critical thinking skills and the integration of bioethics. Each student will be required to design and execute scientific research, engage in research on the Internet, and maintain materials produced in the class in a scientific portfolio.

ADVENTURES IN COMPUTING (218) 1 Credit of Computer Science; 11th, 12th  
Prerequisites: Science Research & Design and/or Instructor Approval

This course is designed to give students in-depth research skills, using the computer as a tool to assist in the research and interpretation of the data gathered. The student/student team will develop a science-related project using a computer, programming, communication networks, and visualization. This is an elective credit.

CHEMISTRY I BASIC (211B) 1 Credit; 11th, 12th

This course provides a general survey of chemistry and will meet the state graduation requirement for chemistry.

CHEMISTRY I (211) 1 Credit; 11th, 12th  
Prerequisites: Algebra I & Biology I with recommended grade of 85 or better

This course provides a general survey of chemistry, leading to a basic understanding of the nature of matter and changes in matter. The course is centered on the application of chemical principles and theories. Laboratory experiences and problem-solving techniques are emphasized.

HONORS CHEMISTRY I (213) 1 Credit; 10th, 11th  
Prerequisite: Honors Biology I and Honors Algebra I with a recommended grade of 85 or higher

Honors Chemistry I is designed for advanced students with a strong background in both science and math. Principles of chemistry will be covered at an accelerated pace. This course will include extended reading assignments, research-based reports, problem solving experiences and laboratory experiments.

HONORS CHEMISTRY II (219) 1 Credit; 11th, 12th  
Honors Chemistry I & Honors Algebra II with a recommended minimum grade average of 85

Honors Chemistry II is an accelerated course designed for students with a strong background in both science and math. The curriculum will include chemical kinetics, thermo chemistry, chemical equilibrium, oxidation – reduction reactions, acids and bases, and solutions. This course will include extended reading assignments, research-based reports, problem solving experiences and laboratory experiments.

AP CHEMISTRY See Page 19

ENVIRONMENTAL SCIENCE (222) 1 Credit; 10th, 11th, 12th  
Environmental Science is a course for students with a desire to increase environmental awareness. The course examines the different biomes and the biosphere, as well as the relationships between populations and biochemical cycles. Activities will include lectures, audio-visual aids, laboratory work, and field experiences.

HONORS HUMAN ANATOMY AND PHYSIOLOGY (216) 1 Credit; 11th, 12th  
Prerequisite: Honors Biology I and Chem. I with a recommended grade average of 85 or higher

This is an honors credit course and will benefit anyone planning to attend college. It is a must for anyone planning a career in the medical field. Course content will include the chemical basis of life, organization within the human body, homeostasis, and the basic arrangement of the human body. Classroom activities will include lectures, discussions, audio-visual aids, resource speakers, and laboratory work.

PHYSICAL SCIENCE (200) 1 Credit; 9th  
This course is a practical study of the relationships between matter and energy working in basic chemistry and physics. Activities will include observations, laboratory experiments, demonstrations, audio-visual aids, discussions, and assignments. This is an excellent first-year science course for the average student. Topics covered in this course give a good base for future science courses.

PHYSICS I (Why Things Happen!) (214) 1 Credit; 11th, 12th  
Prerequisite: Algebra I (Geometry/Trigonometry is strongly recommended.)

The student will explore the reasons the universe operates the way it does. He will study scientific principles that control the events of everyday life. He will have fun while learning organizational and study skills that will help him experience success in college.

PHYSICS II (215) 1 Credit; 11th, 12th  
Physics II is a continuation of the study of physics. The course will cover materials above and beyond the basic physics class. It will cover concepts and principles of light, sound, electricity (static, current, and circuits), fields (electric and magnetic), and nuclear applications (quantum theory and atoms).

## **SOCIAL STUDIES / HISTORY**

AMERICAN GOVERNMENT/ECONOMICS (500) (501) 1 Credit; 10th, 11th, 12th

American Government is designed to prepare the student for the duties and rights of citizenship. Constitutional principles are studied, especially as they relate to the Presidency, Congress, and the court system. State and local governments are studied by examining the powers and duties of the particular offices. Other topics covered are personal freedoms and political participation.

Economics is designed to introduce the high school student to the American economic system and to increase the vocabulary in the areas of marketing, business types, labor organizations, banking (national and international), and economic problems.

PSYCHOLOGY/SOCIOLOGY (503) 1 Credit; 11th, 12th

This course is an introduction into the subject matter of how one thinks, feels, reacts, learns, remembers, perceives, and develops as a human being. The study covers aspects of the ways human beings act, think, and relate to each other. Psychology should help each student to better understand not only him but others as well. The course is a good social science elective for college-bound students and offers excellent self-help and life skills for any student. Sociology is the study of man and his activities in the cultural and ethnic group setting. It is concerned with the way groups shape children to fit into group life, with the unique behavior of different groups, and with the problems which arise when people live together. Sociology studies all aspects of human group behavior (e.g., the family, juvenile gangs, criminals, social problems, and culture changes).

U.S. HISTORY (504) 1 Credit; 11th, 12th

This course will quickly survey the period between exploration and the Civil War. Major emphasis will be placed upon the study of Modern America from 1890 to the present. Some of the major topics covered are American's involvement in Europe and Asia, the Great Depression, Crucial Decade of the 50s, Coming Apart in the 60s and 70s, and Vietnam. At all times current events will be used to make the past and present more relevant to one another.

COMBINED STUDIES: HONORS OR ADVANCED PLACEMENT (AP) U.S. HISTORY/ENGLISH 11 (519) 2 Credits; 11th Year-Long Course

Combined Studies is a year-long intensive study of American literature within its historical setting. The class period is divided between history and literature. The course will meet the requirements of both English 11 and U.S. History. The course will include a rigorous study of literature and composition and history with outside reading assignments, research, a variety of writing assignments, and projects. Students will have the option to take AP American History and AP English language.

WORLD GEOGRAPHY (506) 1 Credit; 9th, 10th, 11th, 12th

The key theme in world geography is global awareness. This theme deals with physical factors, e.g., climate and wind patterns, solar distribution and distribution of water, and with cultural factors centering around human impact on the land. Emphasis will be given to the influences of these factors on economic and political systems.

ANCIENT HISTORY (511) 1 Credit; 10th, 11th, 12th

Using the current six content standards and four process standards found within the Tennessee Social Studies Curriculum framework, this course will focus on the history of times long past. Tennessee teachers are working to create an Ancient History framework that will serve as a measure guiding students toward an understanding of the relationships among persons and places, and an overall era's relationship with those proceeding and preceding it in the history of our world before the Renaissance.

HONORS ANCIENT HISTORY (526) 1 Credit; 10th, 11th, 12th

This is an honors level history course designed for those with superior skills in reading, writing, and research. It is an in-depth look at ancient civilizations and their impact on the world today. Students will research and study the earliest civilizations in Mesopotamia, Egypt, China, Greece, and Rome all the way through the earliest Americans finishing just before the start of the Renaissance period. Incoming freshmen taking this course is based upon recommendation of the middle school social studies teacher. Upper classmen wanting to take the course should have the highest skills in reading, writing, and research. It includes outside readings, research, a variety of writing assignments, and projects in order to adhere to the state framework of standards for honors courses.

WORLD HISTORY (508) 1 Credit; 9th, 10th, 11th, 12th

Students will study the history of humankind with a more concentrated focus from the Renaissance to present day. The six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes. Students will utilize different methods that historians use to interpret the past, including points of view and historical content.

MODERN HISTORY (516) 1 Credit; 10th, 11th, 12th

Students will focus on the world-wide chronological events and significant persons from the Great Depression era to today. The six social studies standards of essential content knowledge and four process skills are integrated for instructional purposes. Students will utilize different learning methods to research, discuss, debate, and formulate opinions on modern historical events as it relates not only to America's developing history but also the world's unfolding events.

CONTEMPORARY ISSUES - S (509) 1 Credit; 10th, 11th, 12<sup>th</sup>

This course will examine issues that affect our county, state, and nation. Topics to be covered include the environment, energy crisis, terrorism, taxes, legal system, etc. Text will include newspapers, magazines, and the news.

TEEN LEADERSHIP/  
CONTEMPORARY ISSUES (520) 1 Credit; 10th, 11th, 12th

This course helps students learn the skills necessary for success in school and beyond. Throughout the course students will develop skills in areas such as communication, responsible decision making, conflict management, and interpersonal relations. These skills will be applied to debate problems in our society.

WAR BETWEEN THE STATES (507) 1 Credit; 10th, 11th, 12th

This course provides an in-depth look into the conflict that became the Civil War. It will examine the events leading to the war, the people involved, strategies, battles, weapons, and reconstruction. It will look at the Civil War in our own area as well as how that played a role along with other topics.

THE JUDICIAL BRANCH (510) 1 Credit; 10th, 11th, 12th

This course will enable the student to experience, first hand, the workings of the judicial branch of government. Students will be enacting mock trials and job shadowing. Students will improve their perception of the judicial branch of our government.

BIBLE HISTORY (515) 1 Credit; 10th, 11th, 12th

Students will study the Bible in its historical context by examining the events and people recorded within it. Some events to be studied include the exodus from Egypt, the battle for the Promised Land, the rise and fall of the kingdom of David, the Babylonian Exile and return from exile, the Temple, and events influencing the writings of the Law, the Prophets, the Gospels, Paul's Epistles, and Revelation. Attention will be given to the Bible's intersection with contemporary American life and current conflicts in the Middle East. The approach of study will be academic and secular.

AP ECONOMICS See Page 18

AP UNITED STATES GOVERNMENT See Page 18

AP EUROPEAN HISTORY AND AP ENGLISH 12 See Page 17

## OTHER COURSES

NATURE AND NEEDS OF  
EXCEPTIONAL STUDENTS (914) 1 Credit; 11th, 12th  
(Peer Tutoring)  
Prerequisites:  
Prior Instructor Approval  
Minimum 85 G.P.A.  
Proficient in at least one core subject

This course provides the opportunity for mature students to work with teachers and their students who have exceptional needs, thereby learning more about exceptional students while helping them be successful in the high school setting. Students will work under the supervision of teachers of the exceptional students. Grades will be given by the supervising teacher based upon study assignments, performance in assigned tasks, demonstrated responsibility and attitude, and attendance. The course is a practicum, offering a good opportunity for anyone considering teaching or some aspect of social work for his/her career. **Students must have pre-approval of the transition coordinator to register for the class.**

PEER COUNSELING (912) 1 Credit; 12th

This course is a training program for tutoring and/or classroom assistance to individual students or small groups. Peer counseling includes training and practical application as directed under the supervision of an educator. Student must have good attendance and discipline record.

PRACTICAL APPLICATIONS (910) 1 Credit; 12th  
OF TEACHER TRAINING (PATT) Prerequisite: Instructor Approval

This course provides the opportunity for college-bound students who plan to major in education to student-teach in an elementary classroom setting. The students will begin the semester in a pre-student teaching class studying elementary classroom methods, planning procedures, and evaluation techniques. Elementary school teachers will be paired with students for the remainder of the semester so students can experience first-hand the fundamentals and activities involved in the teaching profession and working with children.

TEST PREPARATION (917) 1 Credit; 11th, 12th  
Prerequisites: Alg. I&II Credit; Geometry Credit; 2 Credits in English

This is a course open to juniors and seniors who will be taking the ACT or SAT in preparation for college entrance. It will focus on study skills, test-taking strategies, review of fundamental academic objectives, and test practice.

LEADERSHIP (918) 1 Credit; 10th, 11th  
Prerequisite: Application & interview required Prior to Registration  
\$50 Tuition

This is a special course held in conjunction with the Jefferson County Chamber of Commerce Youth Leadership program offered to selected potential leaders. Curriculum will include study and interaction of government, business, agriculture, health care, education, social services, and community service. Students will be required to attend meetings and events outside of regular classes.

SERVICE LEARNING (919) 1-3 Credits; 11th, 12th

Service Learning is a form of experiential learning where students develop knowledge and critical thinking skills while addressing genuine community needs. Through direct service activities, students gain an understanding of human psychology, life skills, community needs and resources, civic responsibility, career options, and human diversity. **Placements in this class are for off-campus. It is the responsibility of the parent/guardian to provide transportation.**

ACADEMIC COOPERATIVE EDUCATION 1-2 Credits; 12th  
(911) Prerequisites: Instructor approval  
Meeting all eligibility requirements;  
Enrollment in related academic course; All Gateway tests must be passed. Insurance & Transportation Required

The academic cooperative education program connects school-based and work-based learning. It is not a stand-alone course; it is a function of an academic class. Students must be concurrently enrolled in a related academic class. The grade is determined in conjunction with the academic class grade and job performance. The course is a pass/fail class and will not impact overall G.P.A. The co-op program gives the student the opportunity to put into practice skills learned in the classroom and gives students credit for their work on a job. A student must report to a job at least two days per week during the regular school day. Additional policies, rules, and guidelines apply and will be explained prior to the beginning of the experience. **Under the State of Tennessee regulations, a student who misses 11 or more days of school for any reason will not receive a passing grade in Academic Co-op.**

**JEFFERSON COUNTY HIGH SCHOOL**

CLASS REGISTRATION 2011-12 SCHOOL YEAR

PLEASE PRINT                      STUDENT # \_\_\_\_\_

\_\_\_\_\_  
Last Name                      First Name                      MI                      Grade Next Year

After reviewing the graduation requirements and discussion with my parents and present teachers, I would like to take the following eight (8) classes for the school year 2011-12:

NAME OF COURSE:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

LIST TWO (2) ALTERNATE COURSES FOR YOUR ELECTIVE COURSES:

1. \_\_\_\_\_
2. \_\_\_\_\_

\_\_\_\_\_  
(Parent's Signature)

INSTRUCTIONS: Tear this sheet out, have your parent sign, and take with you to registration.