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In order to receive a diploma from O’Fallon Township High School, a student must be enrolled in OTHS a minimum of one full semester and earn a minimum of two academic credits. The graduation requirements of OTHS state: A student must complete at least seven (7) semesters of course work, earn 21 units of credit, pass the U.S. and Illinois Constitution tests and subject area requirements. They are:

**MINIMUM REQUIREMENTS**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Minimum Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>8 Semesters</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6 Semesters</td>
</tr>
<tr>
<td>Social Studies</td>
<td>5 Semesters</td>
</tr>
<tr>
<td>Science</td>
<td>4 Semesters</td>
</tr>
<tr>
<td>Health</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4 Semesters</td>
</tr>
<tr>
<td>Electives</td>
<td>2 Semesters</td>
</tr>
</tbody>
</table>

**SPECIFIC REQUIREMENTS**

- **English**: Students must complete four (4) writing-centered classes and four text-centered classes. All students are required to take an English course EACH semester during their freshman, sophomore, junior and senior year.

- **Math**: Students must complete six (6) semesters of math including Algebra I and one year with geometry content.

- **Social Studies**: Five (5) semesters of Social Studies are required including two semesters of United States History and either a semester of Civics in the freshman year or a semester of American Government in the sophomore, junior or senior year. Students must pass the U.S. and Illinois Constitution tests.

- **Science**: Students must complete four (4) semesters of science. Two of the semesters must be life science and two semesters must be physical science.

- **Physical Education**: Students are required to take four (4) semesters of Physical Education and one (1) semester of health to meet graduation requirements except in the following cases:
  1. Every successfully completed semester of AFJROTC counts for one semester of PE exemption. If a student successfully completes four semesters of AFJROTC, he/she has fulfilled the two year PE requirement.
  2. Every successfully completed Marching Band course and competition season counts for one semester of PE exemption. If a student successfully completes four Marching Band semesters of coursework and competition season, he/she has fulfilled the two year PE requirement.
  3. A junior or senior that participates in and completes an inter-scholastic sport will be exempt from one semester of PE per year. Only two semesters of exemption can be earned regardless of number of seasons and/or number of sports involved (including cheerleading and Golden Girl dance team).
  4. Seniors who lack sufficient course credits for graduation, who have failed a required course, who have transferred into OTHS with deficient credits, or who lack credits due to other causes. This is a rare exception and individually considered.

Any student with a Doctor’s excuse may substitute an academic class during the first two
weeks of the semester that he/she has been excused. However, this does not satisfy the P.E. requirement.

RECOMMENDED FOR COLLEGE ENTRANCE

It is very important that students planning to attend college contact the college Admissions Office to request a catalog of general information and entrance requirements. This should be done during the junior year. Students are also encouraged to visit college websites. Most colleges or universities require a minimum of 15 units of academic credit and graduation from an accredited high school for entrance. However, some colleges require particular courses. Students should check entrance requirements of potential colleges well in advance and plan their high school work accordingly. Guidance Counselors can help with this important planning.

The following high school subjects are the recommended minimum for students planning to enter Illinois community college transfer programs and public universities. Students are encouraged to enroll in the maximum.

**English:** 4 years required
**Mathematics** – 3 years minimum, 4 years recommended
**Social Studies:** 2.5 years minimum, 3 years recommended (emphasizing History and Government)
**Science** – 3 years minimum, 3 years recommended (Laboratory Science)
**World Language:** 2 years minimum, 4 years recommended
**Electives:** 2 years recommended (Music, Art, Business, or Career and Technical Education)

DUAL CREDIT INFORMATION

Students have an opportunity to earn dual credit in a variety of courses at OTHS through St. Louis University 1818 ACC Program and Southwestern Illinois College. The courses that OTHS offers as Dual Credit are notated in the class description.

Requirements to earn dual credit with SLU are: Students must be a junior or senior, carry a cumulative GPA of 3.0, have written endorsement from the principal or a counselor, and have teacher approval for each course. Southwestern Illinois College Dual Credit requirements are: Students must be 16 years or older before the end of the semester in which they are enrolled or a junior/senior at OTHS. Students must meet SWIC assessment prerequisites to be eligible to earn dual credit. Information on Dual Credit Courses is available from the counselors and/or instructors of the dual credit courses.

ADVANCED PLACEMENT® (AP®) INFORMATION:

Students have the opportunity to potentially earn college credit by enrolling in the Advanced Placement® (AP®) Courses offered at OTHS. Students must meet academic criteria to enroll and are responsible for any fees associated with the class and exam. Earning college credit is contingent upon a student’s score earned on the optional AP® Exam and the credit the higher education institution awards for the scores earned. Colleges and Universities have varying practices for the awarding of credit for AP® Coursework. Students are advised to research this information for the schools they may wish to attend. Information on AP® Coursework is available from the guidance counselors and/or instructors of the AP® Classes.
FRESHMAN COURSE OFFERINGS

AIR FORCE JUNIOR ROTC DEPARTMENT
AFJROTC I

ART DEPARTMENT
Art I

BUSINESS DEPARTMENT
Fundamentals of Business Ownership
Microsoft Office Applications (Office 2013)
Technology Essentials

ENGLISH DEPARTMENT
Appreciation of Literature
Honors World Literature I
Appreciation of Rhetoric
Honors Appreciation of Rhetoric

HEALTH/PE/DRIVER ED DEPARTMENT
Freshman Health
Freshman PE
Freshman Driver Education

INDUSTRIAL TECHNOLOGY DEPARTMENT
Drafting/Construction Technology

MATHEMATICS DEPARTMENT
Algebra I-A
Advanced Algebra I
Honors Algebra I
Honors Geometry

MUSIC DEPARTMENT
Freshman Choir
Freshman Concert Band
Marching Band
Honors Wind Ensemble

SCIENCE DEPARTMENT
Physical/Earth Science
Biology I
Honors Biology I

SOCIAL STUDIES DEPARTMENT
Civics
Early American History
Social Issues
World Geography

SPECIAL EDUCATION DEPARTMENT
Appreciation of Literature
Appreciation of Rhetoric
Intro to Algebra
Civics
Health
Computer Concepts & Software Applications I
Technology Essentials
Resource Study Skills

WORLD LANGUAGE DEPARTMENT
French I
German I
Spanish I

ELECTIVE COURSES
Essential Study Skills (Regular Ed)
SOPHOMORE COURSE OFFERING

AIR FORCE JUNIOR ROTC DEPARTMENT
AFJROTC 1
AFJROTC 2/3

ART DEPARTMENT
ART I
ART II
ART APPRECIATION
CERAMICS I
POTTERY I
3D MODELING, ANIMATION & 3D PRINTING

CTE BUSINESS DEPARTMENT
ACCOUNTING I
ADVANCED APPLICATIONS – EXCEL/ACCESS
ADVANCED APPLICATIONS – WORD/POWERPOINT
FUNDAMENTALS OF BUSINESS OWNERSHIP
HONORS ACCOUNTING I
MICROSOFT OFFICE APPLICATIONS (OFFICE 2013)
MULTIMEDIA PRODUCTION (EXPRESSION
WEB/ADOBE CS4/ADOBE FLASH)
TECHNOLOGY ESSENTIALS
VIDEO PRODUCTION (iPHOTO/iMOVIE/FINAL CUT PRO)
ADVANCED VIDEO PRODUCTION

ENGLISH DEPARTMENT
WRITTEN COMMUNICATION
WORLD LITERATURE
HONORS WORLD LITERATURE II
HONORS WRITTEN COMMUNICATION

CTE FAMILY & CONSUMER SCIENCE DEPARTMENT
FOODS & NUTRITION
INTRODUCTION TO EARLY CHILDHOOD EDUCATION
GROWTH AND DEVELOPMENT OF CHILDREN

HEALTH/PE/DRIVER ED DEPARTMENT
HEALTH
PHYSICAL EDUCATION
SPORTS PHYSICAL EDUCATION
TOTAL BODY FITNESS
DRIVER EDUCATION

CTE INDUSTRIAL TECHNOLOGY & ENGINEERING
TECHNICAL DRAWING & ENGINEERING DESIGN
BEGINNING WELDING
CARPENTRY I
DRAFTING I
INDUSTRIAL ELECTRONICS
3D MODELING, ANIMATION, AND 3D PRINTING
SMALL ENGINE REPAIR

MATHEMATICS DEPARTMENT
ALGEBRA I-A
GEOMETRY
ACCELERATED ALGEBRA I
ADVANCED GEOMETRY
ADVANCED ALGEBRA 2
HONORS GEOMETRY
HONORS ALGEBRA 2

MUSIC DEPARTMENT
HONORS CHAMBER ENSEMBLE (SEM. 1)
CHAMBER ENSEMBLE (SEM. 2)
TREBLE CHOIR
CONCERT CHOIR
MARCHING BAND
SYMPHONIC BAND
SYMPHONIC WINDS
CONCERT WINDS DUAL CAMPUS
HONORS WIND ENSEMBLE
BEGINNING GUITAR/MUSIC APPRECIATION
AP MUSIC THEORY
JAZZ BAND
SCIENCE DEPARTMENT
PHYSICAL/earth science
Biology I
Integrated Life science
Geology I
Chemistry I
Honors Chemistry I
Physics I

SOCIAL STUDIES DEPARTMENT
American Civil War & Reconstruction:
A Nation Divided
American Government
Area Studies
International Relations
The American Legal System
United States History A
United States History B
Western Civilization

SPECIAL EDUCATION DEPARTMENT
PHYSICAL/earth science
Modern History
World Geography
Driver Education
Health
Resource Study Skills
Written Communication
World Literature

WORLD LANGUAGE DEPARTMENT
FRENCH I
FRENCH II
GERMAN I
GERMAN II
SPANISH I
SPANISH II
JUNIOR COURSE OFFERINGS

AIR FORCE JUNIOR ROTC DEPARTMENT
AFJROTC I
AFJROTC 2/3

ART DEPARTMENT
ART I
ART II
ART III
CERAMICS I
CERAMICS II
POTTERY I
POTTERY II
ART APPRECIATION
3D MODELING, ANIMATION & 3D PRINTING

CTE BUSINESS DEPARTMENT
ACCOUNTING I
HONORS ACCOUNTING I
ACCOUNTING II
ADVANCED APPLICATIONS – EXCEL/ACCESS
ADVANCED APPLICATIONS – WORD/POWERPOINT
COMPUTER PROGRAMMING
FUNDAMENTALS OF BUSINESS OWNERSHIP
MARKETING
ADVANCED DIGITAL MARKETING AND SOCIAL MEDIA
MICROSOFT OFFICE APPLICATIONS (OFFICE 2013)
MULTIMEDIA PRODUCTION (EXPRESSION WEB/ADOBE CS4/ADOBE FLASH)
PERSONAL FINANCE
VIDEO PRODUCTION (IPHONE/IMOVIE/FINAL CUT PRO) ADVANCED VIDEO PRODUCTION

ENGLISH DEPARTMENT
PRINCIPLES OF COMPOSITION
EXPOSITORY WRITING I
CONTEMPORARY THEMES IN LITERATURE
GREAT BOOKS
THEATRE LITERATURE
LITERATURE OF AMERICAN CULTURES
AMERICAN LITERATURE
AP LITERATURE AND COMPOSITION

CTE FAMILY & CONSUMER SCIENCE DEPARTMENT
FOODS & NUTRITION
CULINARY CAREERS
WORLD CUISINE
INTRO TO EARLY CHILDHOOD EDUCATION
GROWTH AND DEVELOPMENT OF CHILDREN

CTE HEALTH SCIENCE
TECHNOLOGY
HEALTH OCCUPATIONS RELATED SKILLS
MEDICAL CLERICAL ASSISTING

CTE INDUSTRIAL TECHNOLOGY & ENGINEERING
TECHNICAL DRAWING & ENGINEERING DESIGN
DRAFTING I
ARCHITECTURAL DRAFTING (CAD) I
ARCHITECTURAL DRAFTING (CAD) 2
CARPENTRY I
CONSTRUCTION I
CONSTRUCTION 2
BEGINNING WELDING
WELDING TECHNOLOGY I
WELDING TECHNOLOGY 2
INDUSTRIAL ELECTRONICS
3D MODELING, ANIMATION & 3D PRINTING
SMALL ENGINE REPAIR

HEALTH/PE/DRIVER ED DEPARTMENT
HEALTH
PHYSICAL EDUCATION
SPORTS PHYSICAL EDUCATION
TOTAL BODY FITNESS
DRIVER EDUCATION

MATHEMATICS DEPARTMENT
ALGEBRA I-A
GEOMETRY
ALGEBRA I
ALGEBRA 2
ADVANCED GEOMETRY
ADVANCED ALGEBRA 2
ADVANCED PRE-CALCULUS WITH
TRIGONOMETRY
DESCRIBITVE AND INFERENCEIAL STATISTICS
CALCULUS
HONORS ALGEBRA 2
HONORS PRE-CALCULUS WITH TRIGONOMETRY
AP CALCULUS

MUSIC DEPARTMENT
HONORS CHAMBER ENSEMBLE (SEM. 1)
CHAMBER ENSEMBLE (SEM. 2)
TREBLE CHOIR
CONCERT CHOIR
MARCHING BAND
SYMPHONIC BAND
HONORS WIND ENSEMBLE
CONCERT WINDS DUAL CAMPUS
MUSIC APPRECIATION
AP MUSIC THEORY
SYMPHONIC WINDS
JAZZ BAND

SCIENCE DEPARTMENT
INTEGRATED LIFE SCIENCE
ENVIRONMENTAL SCIENCE
BIOLOGY I
HUMAN ANATOMY & PHYSIOLOGY
AP BIOLOGY
PHYSICAL EARTH SCIENCE
GEOLOGY
CHEMISTRY I
CHEMISTRY II
HONORS CHEMISTRY I
AP CHEMISTRY
PHYSICS I
PHYSICS II
AP PHYSICS I
AP PHYSICS II

SOCIAL STUDIES DEPARTMENT
UNITED STATES HISTORY A
UNITED STATES HISTORY B

AP UNITED STATES HISTORY A
AP UNITED STATES HISTORY B
AMERICAN GOVERNMENT
AREA STUDIES
AMERICAN CIVIL WAR & RECONSTRUCTION:
   A NATION DIVIDED
HONORS ECONOMICS
INTERNATIONAL RELATIONS
SOCIOLOGY
THE AMERICAN LEGAL SYSTEM
THE SIXTIES IN AMERICA
WESTERN CIVILIZATION

SPECIAL EDUCATION DEPARTMENT
INTRODUCTION TO ALGEBRA
INTRODUCTION TO GEOMETRY
ALGEBRA I
ALGEBRA II
PHYSICAL/EARTH SCIENCE
BIOLOGY
UNITED STATES HISTORY
MODERN HISTORY
WORLD GEOGRAPHY
DRIVER EDUCATION
HEALTH
PERSONAL FINANCE
RESOURCE STUDY SKILLS
PRINCIPLES OF COMPOSITION
CONTEMPORARY THEMES IN LITERATURE

WORLD LANGUAGE DEPARTMENT
FRENCH I
FRENCH II
HONORS FRENCH III
GERMAN I
GERMAN II
HONORS GERMAN III
SPANISH I
SPANISH II
HONORS SPANISH III
SENIOR COURSE OFFERINGS

AIR FORCE JUNIOR ROTC DEPARTMENT
AFJROTC I
AFJROTC 2/3
AFJROTC 4

ART DEPARTMENT
ART I
ART II
ART III
AP STUDIO ART: DRAWING
CERAMICS I
CERAMICS II
POTTERY I
POTTERY II
ART APPRECIATION
3D MODELING, ANIMATION & 3D PRINTING

CTE BUSINESS DEPARTMENT
ACCOUNTING I
HONORS ACCOUNTING I
ACCOUNTING II
ADVANCED APPLICATIONS – EXCEL/ACCESS
ADVANCED APPLICATIONS – WORD/POWERPOINT
COMPUTER PROGRAMMING
FUNDAMENTALS OF BUSINESS OWNERSHIP
MARKETING
ADVANCED DIGITAL MARKETING AND SOCIAL MEDIA
MICROSOFT OFFICE APPLICATIONS (Office 2013)
MULTIMEDIA PRODUCTION (EXPRESSION WEB/ADOBE CS4/ADOBE FLASH)
PERSONAL FINANCE
VIDEO PRODUCTION (IPHONE/IMOVIE/FINAL CUT PRO) ADVANCED VIDEO PRODUCTION
COORDINATE WORK EXPERIENCE

ENGLISH DEPARTMENT
SENIOR WRITING SEMINAR
EXPOSITORY WRITING II
HONORS EXPOSITORY WRITING II
WORLD MYTHOLOGY
THEATER LITERATURE
GREAT BOOKS
PUBLIC SPEAKING
HONORS GREAT BOOKS

HONORS BRITISH LITERATURE

CTE FAMILY & CONSUMER SCIENCE DEPARTMENT
CULINARY CAREERS
FOODS & NUTRITION
WORLD CUISINE
INTRO TO EARLY CHILDHOOD EDUCATION
GROWTH AND DEVELOPMENT OF CHILDREN

CTE HEATH SCIENCE TECHNOLOGY
HEALTH OCCUPATION RELATED SKILLS
MEDICAL CLERICAL ASSISTING

HEALTH/PE/DRIVER ED DEPARTMENT
HEALTH
PHYSICAL EDUCATION
SPORTS PHYSICAL EDUCATION
TOTAL BODY FITNESS
DRIVER EDUCATION

INDUSTRIAL TECHNOLOGY & ENGINEERING
TECHNICAL DRAWING & ENGINEERING DESIGN
DRAFTING I
ARCHITECTURAL DRAFTING (CAD) I
ARCHITECTURAL DRAFTING (CAD) 2
CARPENTRY I
CONSTRUCTION I
CONSTRUCTION 2
BEGINNING WELDING
WELDING TECHNOLOGY I
WELDING TECHNOLOGY 2
3D MODELING, ANIMATION & 3D PRINTING
INDUSTRIAL ELECTRONICS
SMALL ENGINE REPAIR

MATHEMATICS DEPARTMENT
ALGEBRA I-A
GEOMETRY
ALGEBRA I
ALGEBRA 2
COLLEGE ALGEBRA WITH TRIGONOMETRY
ADVANCED GEOMETRY
ADVANCED ALGEBRA 2
ADVANCED PRE-CALCULUS WITH TRIGONOMETRY
CALCULUS
DESCRIPTIVE AND INFERENTIAL STATISTICS
HONORS PRE-CALCULUS WITH TRIGONOMETRY
AP CALCULUS

MUSIC DEPARTMENT
HONORS CHAMBER ENSEMBLE (SEM. 1)
CHAMBER ENSEMBLE (SEM. 2)
TREBLE CHOIR
CONCERT CHOIR
MARCHING BAND
SYMPHONIC BAND
HONORS WIND ENSEMBLE
CONCERT WINDS
MUSIC APPRECIATION
AP THEORY
SYMPHONIC WINDS
JAZZ BAND

SCIENCE DEPARTMENT
INTEGRATED LIFE SCIENCE
ENVIRONMENTAL SCIENCE
BIOLOGY I
HUMAN ANATOMY & PHYSIOLOGY
AP BIOLOGY
PHYSICAL EARTH SCIENCE
GEOLOGY
CHEMISTRY I
CHEMISTRY II
HONORS CHEMISTRY I
AP CHEMISTRY
PHYSICS I
PHYSICS 2
AP PHYSICS I
AP PHYSICS II

SOCIAL STUDIES DEPARTMENT
AMERICAN CIVIL WAR & RECONSTRUCTION:
A NATION DIVIDED
AMERICAN GOVERNMENT
AREA STUDIES
HONORS ECONOMICS

AP UNITED STATES HISTORY A
AP UNITED STATES HISTORY B
INTERNATIONAL RELATIONS
PSYCHOLOGY
AP PSYCHOLOGY
SOCIOLOGY
THE AMERICAN LEGAL SYSTEM
THE SIXTIES IN AMERICA
UNITED STATES HISTORY A
UNITED STATES HISTORY B
WESTERN CIVILIZATION

SPECIAL EDUCATION DEPARTMENT
INTRODUCTION TO ALGEBRA
INTRODUCTION TO GEOMETRY
ALGEBRA I
ALGEBRA 2
PHYSICAL/earth science
BIOLOGY
UNITED STATES HISTORY
MODERN HISTORY
WORLD GEOGRAPHY
DRIVER EDUCATION
HEALTH
PERSONAL FINANCE
COOPERATIVE OCCUPATIONAL EXPERIENCE
RESOURCE STUDY SKILLS
SENIOR WRITING SEMINAR
THEATRE LITERATURE

WORLD LANGUAGE DEPARTMENT
FRENCH I
FRENCH II
AP FRENCH LANGUAGE AND CULTURE
HONORS FRENCH IV
GERMAN I
GERMAN II
HONORS GERMAN III
HONORS GERMAN IV
SPANISH I
SPANISH II
HONORS SPANISH III
AP SPANISH LANGUAGE AND CULTURE
Air Force Junior ROTC (AFJROTC) Courses – Philosophy and Objectives

The Air Force Junior Reserve Officer Training Corps (AFJROTC) program seeks to develop an informed citizen with a strong sense of self-reliance, an awareness of citizenship responsibilities in today’s world, and an understanding of the role that aerospace science and technology play in national security.

Course Materials

All books, materials, and uniforms are provided at no cost to the student. Each new student is required to pay a $20 activity fee to pay for equipment and personal items not supplied by the Air Force. Advanced students pay $15. All AFJROTC courses require the student to wear the uniform once a week to all classes. In addition, the student is required to meet USAF grooming standards as they relate to hair, jewelry, earrings, facial hair, etc.

Obligations and Benefits

Students participating in the program do not incur any military obligation. Benefits regarding college scholarships, service academy appointments, and advanced enlistment pay grades are available to students who complete a minimum of two years in the program.

Course Offerings

Three AFTROTC courses are typically offered each year. Each course has three components: aerospace science (40%), leadership (40%), and Wellness program/Physical Fitness training (20%). AFJROTC 1 is offered every year and should be the first AFJROTC course taken by a student new to the program. AFJROTC 2 and AFJROTC 3 are the intermediate courses and one of them will be offered each year. These two courses will be rotated from year to year. AFJROTC 4 is our advanced course and is offered every year to qualifying students.

Air Force JROTC Program

The purpose of AFJROTC is to stimulate student interest in the aerospace age, to strengthen character and self-discipline, to encourage completion of high school and pursuit of higher educational goals, and to acquaint students with the role of the military in national security policy. Military protocol is followed in the classroom and students are required to show respect to our flag and country.

The OTHS Air Force JROTC is a unique elective course, combining academic classroom instruction with other activities, including (but not limited to) military uniform wear & drill, physical fitness training, community service, and extracurricular activities. Students enrolled in JROTC are expected to conduct themselves in accordance with the JROTC Cadet Guide, to meet specific standards as outlined by the Senior Aerospace Science Instructor (SASI), and to participate in the program’s various activities. Although only as a last resort, students/cadets may be disenrolled from the JROTC program at the discretion of the SASI, in coordination with the OTHS administration. A cadet may be disenrolled for:

- Failure to maintain acceptable standards
- Inaptitude or indifference to training
- Disciplinary reasons
- Failure to participate in required JROTC events (including community service, monthly commanders’ calls, and required flight-level activities)
- Individual request
- Any other reason deemed appropriate by the “SASI”.

AFJROTC 1

Full Year 1/2 credit per semester
Open to all levels
Prerequisite: Open to all beginning students

Aerospace Science

A Journey into Aviation History: A study of aviation history to include the social impacts of flight from ancient developments through the 20th century; U.S. military conflicts from the Revolutionary War to Desert Shield/Storm; major historical milestones of all U.S. military services; power positions of nations in the aerospace age; aerospace forces as instruments of national policy.

Leadership Education

Introduces Air Force customs and courtesies, respect for authority, basic drill, wear and care of the uniform, and need for discipline, good study habits and time management; other topics include drug and alcohol abuse and first aid.

Wellness (Physical Fitness)

The wellness program consists of two exercise programs focused upon individual baseline improvements and achieving national standards. One program is the AFJROTC Wellness Exercise program, comprised of 19 exercises which can be conducted with minimal space and climate dependency. The exercises develop all muscle groups and provide a combination of aerobic and anaerobic intensity. Further, all require no equipment. The second program is the President’s Fitness Challenge, which recognizes students for their level of physical fitness in 5 specific activities. During the course of the year, students are assigned weekly physical fitness homework. Student progress is evaluated during an initial Cadet Fitness Assessment in the fall semester; during a final Cadet Fitness
Assessment in the spring semester; and as part of both the fall and spring final examination process.

**AFJROTC 2**
Full Year  1/2 credit per semester
Open to all levels
Prerequisite: Completion of AFJROTC 1

Aerospace Science (Fall semester): Cultural Studies-An Introduction to Global Awareness (Chapters 3,5,6)

This is a customized course about the world’s cultures, specifically designed for USAF JROTC programs. It introduces students to the world’s cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Chapter 3 covers Africa, chapter 5 covers Latin America, and chapter 6 covers Europe.

Aerospace Science (Spring semester): The Science of Flight (Units 1 & 4)

The Science of Flight: The second/third year Aerospace Science course is designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. Unit 1 (Principles of Aircraft flight) includes sections studying the forces of lift, drag, thrust, and weight. In Unit 4 (Principles of Navigation) students learn basic navigation, including map reading, course plotting, and the effects of wind.

Leadership Education: Communication, Awareness, and Leadership

This course stresses communications skills and cadet corps activities. Information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches complement the academic materials. Corps activities include holding positions of greater responsibility in the planning and execution of corps projects. Weekly uniform inspections and unit drill are also incorporated into the leadership curriculum, and a drill evaluation is included as part of both the fall and spring final examination process.

Wellness (Physical Fitness)

The wellness program consists of two exercise programs focused upon individual baseline improvements and achieving national standards. One program is the AFJROTC Wellness Exercise program, comprised of 19 exercises which can be conducted with minimal space and climate dependency. The exercises develop all muscle groups and provide a combination of aerobic and anaerobic intensity. Further, all require no equipment. The second program is the President’s Fitness Challenge, which recognizes students for their level of physical fitness in 5 specific activities. During the course of the year, students are assigned weekly physical fitness homework. Student progress is evaluated during an initial Cadet Fitness Assessment in the fall semester; during a final Cadet Fitness Assessment in the spring semester; and as part of both the fall and spring final examination process.

**AFJROTC 3**
Full Year  1/2 credit per semester
Open to all levels
Prerequisite: Completion of AFJROTC 1

Aerospace Science (Fall semester): Cultural Studies-An Introduction to Global Awareness (Chapters 1,2,4)

This is a customized course about the world’s cultures, specifically designed for USAF JROTC programs. It introduces students to the world’s cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Chapter one covers the Middle East, chapter two covers Asia, and chapter 4 covers Russia and the former Soviet Republics.

Aerospace Science (Spring semester): The Science of Flight (Units 2 & 3)

The second/third year Aerospace Science course is designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. Unit 2 begins with a discussion of the atmosphere and weather. Next, how that environment affects flight is introduced. Unit 3, flight and the human body, is a survey course on human physiology, including the human circulatory system, the effects of acceleration and deceleration, and protective equipment.

Leadership Education: Life Skills and Career Opportunities

Topics include information on financial planning; how to save, invest, and spend money wisely, and how to avoid credit traps. Students are informed on real life issues such as understanding contracts, leases, wills, warranties, legal notices, and personal bills. Citizen responsibilities are also examined. Shopping (grocery, apartment, vehicle, etc…) is also discussed. Information is provided on preparing resumes and interviewing. Students also study how to decide what career paths to follow. Weekly uniform inspections and unit drill are also incorporated into the leadership curriculum, and a drill evaluation is included as part of both the fall and spring final examination process.

Wellness (Physical Fitness)

The wellness program consists of two exercise programs focused upon individual baseline improvements and achieving national standards. One program is the AFJROTC Wellness Exercise program, comprised of 19 exercises which can be conducted with minimal space and climate dependency. The exercises develop all muscle groups and provide a combination of aerobic and anaerobic intensity. Further, all require no equipment. The second program is the President’s Fitness Challenge, which recognizes students for their level of physical fitness in 5 specific activities. During the course of the year, students
are assigned weekly physical fitness homework. Student progress is evaluated during an initial Cadet Fitness Assessment in the fall semester; during a final Cadet Fitness Assessment in the spring semester; and as part of both the fall and spring final examination process.

**AFJROTC 4**
Full Year 1/2 credit per semester
*Open to all levels*
*Prerequisite: Completion of AFJROTC 2 and AFJROTC 3*

**Aerospace Science: Management of the Cadet Corps / Survival**
The Instructor will select from a combination of two courses. Management of the Cadet Corps provides hands-on experience and the opportunity to put the theories of previous leadership courses into practice; all of the planning, organizing, directing, controlling and decision-making will be done by the cadets. The Survival course provides instruction in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival.

**Leadership Education: Principles of Management**
This course provides exposure to the fundamentals of management, and is intended to equip students with the skills & qualities needed to serve in leadership positions within the Cadet Corps. The text includes case studies, ethical dilemmas, and review activities based on real world experiences. Topics include the importance of sound management; the techniques and skills involved in planning & decision making; the importance of managing change, stress, and innovation; and the key elements of individual & group behavior, the communication process, and leadership characteristics. Weekly uniform inspections and unit drill are also incorporated into the leadership curriculum, and a drill evaluation is included as part of both the fall and spring final examination process.

**Wellness (Physical Fitness)**
The wellness program consists of two exercise programs focused upon individual baseline improvements and achieving national standards. One program is the AFJROTC Wellness Exercise program, comprised of 19 exercises which can be conducted with minimal space and climate dependency. The exercises develop all muscle groups and provide a combination of aerobic and anaerobic intensity. Further, all require no equipment. The second program is the President’s Fitness Challenge, which recognizes students for their level of physical fitness in 5 specific activities. During the course of the year, students are assigned weekly physical fitness homework. Student progress is evaluated during an initial Cadet Fitness Assessment in the fall semester; during a final Cadet Fitness Assessment in the spring semester; and as part of both the fall and spring final examination process.
ART DEPARTMENT

Art I
*Full Year* 1/2 credit per semester
*Open to all levels*
*Prerequisite: Open to all beginning students*

This course is designed to foster an awareness and understanding of the elements of art and the principles of design as they relate to modern society. Design problems are explored through the use of various media which include, pencil, acrylic, ink, watercolor, and colored pencil; as used in the graphic communications industry. The course continues exploration through drawing graphic processes, and three-dimensional construction.

Art II
*Full Year* 1/2 credit per semester
*Open to sophomores, juniors and seniors*
*Prerequisite: Completion of Art I*

This course is designed to build on the foundation established in Art I. Students will continue to use a variety of media: graphite, colored pencil, pastels, watercolor, scratchboard, etc. to create projects. Students will also take quizzes over art vocabulary, art history, and art techniques.

Art III
*Full Year* 1/2 credit per semester
*Open to juniors and seniors*
*Prerequisite: Completion of Art II with a grade of “B” or higher*

This course is designed for the advanced student who is especially interested in the field of art. The class introduces students to the process of submitting an Advanced Placement (AP) Portfolio in AP Drawing or AP 2-D Design. The focus is on the development and application of critical thinking skills. The student will explore more complex principles of visual expression with a variety of media. The class focuses on two aspects: stretching student’s skills through exploration of combining media and developing ways to relate ideas visually and beginning the development of an AP portfolio for AP Drawing or AP 2-D Design.

AP® Studio Art: Drawing
*Full Year* 1/2 credit per semester
*Open to seniors*
*Prerequisite: Completion of Art III with a grade of “B” or higher*

This course is designed to prepare students to submit an AP® portfolio in AP® Drawing or AP® 2-D Design. It is geared for the student who has a deep interest in art, likely to enter some phase of the field after high school graduation. The course builds on the expectations of Art III and focuses on three areas of development: breadth (12 images that show skill development utilizing the elements and principles of art), concentration (12 images that show development of a personal art style) and quality (5 images that show the students expertise in specific media). Students will be required to produce a digital portfolio by the completion of the course. Students are encouraged to develop the mind set of an artist, exploring and visually translating the world around them.

Art Appreciation
*1 Semester* 1/2 credit
*Open to sophomores, juniors and seniors*
*Prerequisite: None*

Art Appreciation is designed to cultivate a broader understanding of art history, aesthetics and production. The course is not art production intensive and can be completed by any student with no artistic background. Through reading and discussing, students will examine art history, art criticism and the aesthetics of art. Although there are minimal art projects, the focus of this course is on the understanding of why and how works of art are created. Connections will be made between who and why works of art are created and the culture in which they were conceived. This course introduces art from throughout the world.
CERAMICS I
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: None

This course offers students a basic vocabulary of ceramic techniques and methods such as relief sculpture, modeling, impressed design and glazing as well as developing skill. The students will apply these to create sculptures that express a variety of individual works.

POTTERY I
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: Completion of Ceramics I

This course offers students a basic vocabulary of pottery techniques and methods such as pinch, coil, slab, and throwing as well as developing skill. The students will apply these to create projects that express a variety of individual works.

CERAMICS II
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Ceramics I with a grade of “A” or “B” and Instructor Consent

This course builds upon the vocabulary of Ceramics I. The lessons focus upon visual problem solving, self-expression and skill development.

POTTERY II
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Pottery I with a grade of B or higher and Instructor Consent

This course builds upon the vocabulary of Pottery I. The lessons focus upon visual problem solving, self-expression and skill development.

3D MODELING, ANIMATION & 3D PRINTING
(CG, Animation and 3D Printing)
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: None

This course will be an exploration into current 3D design and software and techniques for modeling 3D objects to be used in products such as games, movies and for production with 3D printers.
Whatever your career choice, you will benefit from business skills and computer training acquired in the CTE – Business Department at O’Fallon Township High School. Courses offered in the department will develop business and technological skills needed for future job markets as well as prepare students for post-secondary studies in the area of business. All students can benefit from the various computer classes as part of their four years at O’Fallon to prepare to function in a technology-driven society. College-bound students find that our business courses provide an important foundation and preparation for during and after college years. Business courses are especially important for students planning to major in a business-related field such as accounting, business administration, economics, finance, management, marketing, information technology and office technology.

### Accounting I

**Full Year** 1/2 credit per semester  
*Open to sophomores, juniors, and seniors*  
**Prerequisite:** Completion of Algebra I-A or Advanced Algebra I with a grade of “C” or better

This course is highly recommended for students who have an interest in pursuing any major in business at the college level, or are considering owning their own business in the future. This course includes planned learning experiences that develop initial and basic skills used in systematically computerizing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. Much of the work in this class is done electronically, reflecting how accounting has become a computerized profession. In addition to stressing basic fundamentals and terminology of accounting, instruction will provide initial understanding of the preparation of budgets and financial reports, as well as career opportunities in the accounting field.

**State Course ID 12104A001**

### Honors Accounting I

**Full Year** 1/2 credit per semester  
*Open to sophomores, juniors, and seniors*  
**Prerequisite:** Completion of Honors Algebra I or Advanced Algebra I with a grade of “B” or better

Honors Accounting I will cover the same areas of study as Accounting I (see course description above). The major difference between the two is the pace in which the material is covered and the difficulty of assigned problems. This course is highly recommended for students who have an interest in pursuing any major in business at the college level. Students will have the opportunity to take a qualifying exam and an online course to earn 6 FULLY TRANSFERABLE CREDITS from Kansas State University or from any participating college.

Students learn how businesses plan for and evaluate their operating, financing and investing decisions and then how accounting systems gather and provide data to internal and external decisions makers. This year-long course covers all the learning objectives of a traditional college level financial accounting course, plus those from a managerial accounting course. Computer applications in the form of MS Excel will be integrated throughout the course.

**State Course ID 12104A001**

### Accounting II

**Full Year** 1/2 credit per semester  
*Open to juniors and seniors*  
**Prerequisite:** Completion of Accounting I or Honors Accounting I with a grade of “B” or better or instructor approval.

Accounting II is a course that builds upon the foundation established in Accounting I. This course is planned to help students develop a deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. It is a study of previously learned principles as they apply to the more complicated types of business organizations, partnerships corporations, branches, etc. The students will become familiar with such specialized fields of accounting as cost accounting, tax accounting, payroll accounting, and others. Computer programs will be utilized throughout the course where applicable.

This course will offer an opportunity for Accounting I students to take the college level accounting course as described above (see Honors Accounting I description) and to earn the college credit from Kansas State University once they pass the qualifying exam. For students coming from Honors Accounting I AND having passed the qualifying exam, they will have the opportunity to enroll at Kansas State University and take the second accounting course to earn a total of 6 transferable credit hours.

**State Course ID 12104A001**

### Advanced Applications – Excel/Access

**1 Semester** 1/2 credit  
*SWIC Dual Credit Course*  
**Open to sophomores, juniors and seniors**  
**Prerequisite:** Completion of Technology Essentials with a grade of “C” or better; or completion of a Proficiency Exam in the spring prior to enrollment.

This course includes the concepts and terminology related to the people, equipment, and procedures of information processing, as well as skill development, in the use of information processing equipment. Students will revise data in a stored database and use queries to create customized reports. Students will edit and utilize calculation functions in spreadsheets, integrate graphics, spreadsheets, tables, text and data into documents and reports and create graphs and charts from spreadsheets. Students will gain exposure to cutting-edge technologies.

**State Course ID 10005A001**
ADVANCED APPLICATIONS – WORD/POWERPOINT
1 Semester 1/2 credit
SWIC Dual Credit Course

Open to sophomores, juniors and seniors
Prerequisite: Completion of Technology Essentials with a grade of “C” or better; or completion of a Proficiency Exam in the spring prior to enrollment.

This course includes the concepts, skill development and terminology related to procedures of information processing. Students will obtain advanced skills in document formatting and presentation preparation. Students will gain experience with preparing a variety of business-related documents while incorporating advanced features of Word 2016 such as customizing paragraphs, inserting objects, creating tables and SmartArt, and enhancing documents with clip art, bullets, shading, and desktop publishing concepts. Students will also learn to locate and retrieve information from hard copy and electronic sources and prepare presentations incorporating advanced features of PowerPoint 2016. Students will gain experience in developing presentations with professional appeal and utilizing presentations to present to an audience.

This course is a must for any student planning to continue their education after high school.
State Course ID 10005A001

COMPUTER PROGRAMMING
Full Year 1/2 credit per semester
Open to juniors and seniors SWIC Dual Credit Course
Prerequisite: Completion of Advanced Algebra 2 or instructor approval

Computer Operations & Programming is designed to develop computer programming and program design skills through the use of various programming languages such as Visual Basic, C++, Java and other object-oriented languages. Students will learn techniques to help with system analysis and design, as well as gaining knowledge of the systems development life cycle. Instruction will include basic programming tools that are common to many programming languages, including input/output statements, constants, assignment statements, input statements, string and numeric variable types, conditional, and branching and looping control structures. Students will learn programming techniques such as counting, averaging, rounding and the use of random numbers to develop a good programming style. Students will apply what they learn to create programs and applications that solve real world business related problems. Students will create programs to store, locate, and retrieve specific documents, data and information.

Students will gain valuable experience in logical problem solving and structured programming. The student will learn to develop program solutions using event-driven procedures and structured.
State Course ID 10152A001

COORDINATE WORK EXPERIENCE
Full Year 1 credit for related class
Open to seniors 2 credits for work experience
Prerequisite: Application and instructor consent required

Cooperative Occupational Education is designed for senior students interested in pursuing careers. Students are released from school for their paid cooperative education work experience and participate in a minimum of 200 minutes per week of related classroom instruction. Classroom instructions focus on providing students with job survival skills, career exploration skills related to the job, and improving students’ abilities to interact positively with others. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state and local laws and regulations.

The goal of the cooperative work experience is for the student to gain part-time employment and maintain employment with acceptable skills.

Areas of concentration include:

1. Developing job skills as required at the training site
2. Maintain employment throughout each semester
3. Demonstrating job punctuality and attendance
4. Performing clerical duties
   a. Completing job station reports
   b. Completing training agreements
   c. Completing time sheets
5. Job problem-solving
   a. Using effective communication techniques
6. Meeting with work study coordinator to monitor on-job performance.
State Course ID 22153A001
Work Experience State Course ID 22004A001

FUNDAMENTALS OF BUSINESS OWNERSHIP
1 Semester 1/2 credit
Open to freshmen and sophomores
Prerequisite: None

Students who are enrolled in or have successfully completed Accounting I should not enroll in Fundamentals of Business Ownership. Those students should enroll in Accounting II or Marketing I.

This course will provide an overview of all aspects of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership and the basic functional areas of business (finance, management, marketing, administration and production). Students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. An emphasis will be placed on communication skills, math and problem solving.

Business ethics as well as other workplace skills will be taught and integrated within this course.
State Course ID 12001A001
Marketing
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: None
Marketing I offers students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is placed on kinds of markets; market identification; product planning, packaging, and pricing; and business management. Students in this course will gain an understanding of various marketing strategies, realize the impact of the product life cycle, and understand the development of marketing functions and tasks related to current, real-world companies. Students will utilize a variety of programs and tools to incorporate concepts learned into realistic projects.

State Course ID 12164A001

Advanced Digital Marketing & Social Media
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Marketing with a “C-” or better
This second semester of Advanced Marketing is a comprehensive course that focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, salesmanship, sales promotions, business management, and entrepreneurship. Students will also be introduced to the many facets of the advertising world. Promotion will be emphasized while focusing on the end consumer and product or service. Students will create television commercials, radio spots, and infomercials up to current trends and standards. Students will use a variety of programs and tools to incorporate concepts learned into realistic projects. This course will also explore the world of digital marketing strategies and social media marketing and how they impact and are integrated along with traditional marketing channels. The latest digital marketing trends will be discussed as well as creating a brand presence on social networks such as Facebook, Twitter, Tumblr, Instagram, and LinkedIn.

State Course ID 12152A001

Microsoft Office Applications (Office 2016)
1 Semester 1/2 credit
Open to freshmen, sophomores and juniors
Prerequisite: None
Students who are enrolled in or have successfully completed Advanced Applications - Word/PowerPoint or Excel/Access should not enroll in Microsoft Office Applications.

This is an essential course that provides students with an in-depth knowledge of the Microsoft Office applications. Students will benefit from the skills gained in this course not only for other courses taken OTHS, but also for post-secondary studies, and/or for future employment. This course will provide instruction in Microsoft Office 2016 applications, including Word, Excel, PowerPoint, and Publisher, and the integration of these programs. This course is designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. Business ethics and workplace skills will be included throughout the course. The development of employability skills, as well as transition skills, will be included in the course. Take this course early in your four-year course plan to reap the most benefits!

State Course ID 10201A001

Multimedia Production (Expression Web/Adobe CS4/Adobe Flash)
SWIC Dual Credit Course
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: Completion of Microsoft Office Applications, Advanced Applications – Word/PowerPoint OR Advanced Applications – Excel/Access
Multimedia Production is a course designed to introduce students to a variety of multimedia programs. In this course, students will learn to create and design web sites using Microsoft Expression Web 2 while gaining an understanding of design standards as it relates to professional-quality sites. In addition, students will learn how to modify and alter scanned and digital images using Adobe Photoshop CS4. Adobe Flash will also be introduced and students will learn to create animation and video. Files created in Adobe Photoshop and Flash will be incorporated into student web sites to add additional design features and interactivity. This course will provide students with the fundamentals of web page design using HTML, HTML editors, and graphic editors. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use software to capture, edit, create, and compress audio and video clips.

State Course ID 10004A001

Personal Finance
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: None
This course is designed to familiarize students to their role as consumers in the free enterprise system. This course will teach students how to manage their personal resources by making informed choices as consumers in the marketplace. Specific consumer problems that students will encounter during both their school years and adult lives will be
discussed. The abilities to make personal financial decisions in the areas of budgeting, record keeping, insurance, credit, investing, and financial institutions and services will be emphasized in the learning activities.

State Course ID 12007A001

TECHNOLOGY ESSENTIALS
1/2 Semester 1/4 credit
Open to all levels
Prerequisite: Enrollment in Driver Education

This course is designed to develop and enhance the abilities to key by touch, proofread, correct errors, and format a variety of documents throughout the OTHS curriculum. Students enrolled in Technology Essentials will obtain necessary skills related to the daily use of technology in education. They will learn to properly utilize the OTHS student data drive, develop important file management skills, format documents in Microsoft Word including announcements, letters, and MLA reports, utilizing a variety of Word 2016 features and shortcuts. Students will also gain experience with their OTHS Cloud email accounts and learn email etiquette while developing the ability to organize work and meet deadlines.

Students enrolled in this course are encouraged to continue with Microsoft Office Applications or Advanced Applications – Word/PowerPoint.

State Course ID 12005A001

VIDEO PRODUCTION
(Photoshop/Lightroom/Premiere Pro)
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: Instructor consent required – student interview may be conducted.

Video Production is a course designed to provide students with the skills needed for a career in the technical aspects of broadcasting. Instruction includes camera operations, audio and video editing, sound and lighting techniques, and sound mixing. Students will gain an understanding of the basic principles and concepts of digital video production using digital video cameras, digital still cameras and computer software for finished video productions. Students will be required to produce individual videos as well as a variety of cooperative productions.

Successful completion of this course will prepare students for participating in the Broadcast Club and working with the Panther Beat.

State Course ID 11051A001

ADVANCED VIDEO PRODUCTION
(Advanced Premiere Pro/After Effects)
1 Semester 1/2 credit
Open to sophomores, juniors and seniors May be repeated
Prerequisite: Successful completion of Video Production with a “C-” or better and instructor consent required.

Students in Advanced Video Production will expand on the activities explored in Video Production. Students work in a team-based environment to create a variety of video and audio related broadcasts. Instruction includes single and multi-camera operations, video editing, production and post-production processes, sound mixing, multi-track production, audio editing, and special effects.

Students in this course will be responsible for producing the Panther Beat broadcast and developing video projects for a variety of activities at OTHS. Students also have the opportunity to participate in several live stream events for the high school.

State Course ID 11051A002

CREATING ENTREPRENEURIAL OPPORTUNITIES - CEO
Full Year 1 1/2 credits (.5 first semester; 1.0 second semester)
Open to seniors
Prerequisite: Application and instructor consent required – student interview may be conducted.

A year long course designed to teach students the fundamentals of business ownership and the skills necessary to operate a business. The classes are held off-site, in local businesses, before the school day and into first hour (7:10 to 8:40 AM). Through guest speakers and business visits, students will learn about marketing, how to have a business conversation, networking, and the financial components of a business operation. Students will start and run a class business and start and run their own business, culminating in a trade show at the end of the year.

State Course ID: 12053A001
CTE - FAMILY & CONSUMER SCIENCE

FOODS & NUTRITION 1
1 Semester (Fall or Spring) 1/2 credit
Open to sophomores and juniors
*If enrollment allows, seniors may be wait-listed.
Prerequisite: None

This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. This course content centers around: promoting food service and preparations management; applying nutrition concepts; meeting health needs in planning, preparing, and serving food; maximizing resources; promoting hospitality; and analyzing individual and family nutritional needs. Information related to careers in foods and nutrition, along with safety and sanitation is incorporated throughout the course.

State Course ID: 16054A001

CULINARY CAREERS
1 Semester 1/2 credit
SWIC Dual Credit Course
Open to juniors and seniors
Prerequisite: Completion of Foods & Nutrition 1 or 2

This course is designed to provide students interested in a career in culinary arts with the information and practical experiences needed for the development of food service job-related competencies. The students receive laboratory experiences using commercial food service equipment, if available, preparing food in quantity and serving food. Safety and sanitation are emphasized. Training experiences involve equipment and facilities, which simulate those found in business and industry.

State Course ID: 16052A001

WORLD CUISINE
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Foods & Nutrition 1 or 2

This second semester course continues the learning presented in the first semester, exposing students to commercial laboratories. More emphasis is placed on management skills, human relations and personnel selection and supervision and career opportunities. Training experiences involve equipment and facilities that simulate those found in business and industry when available. This course will also focus on the culture, foods and recipes of cuisines found throughout the world.

State Course ID: 16052A001

GROWTH AND DEVELOPMENT OF CHILDREN
1 Semester (Spring) 1/2 credit
Open to sophomores, juniors, and seniors

SWIC Dual Credit Course
This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of children. The focus is on research-based nurturing and parenting practices and skills, including brain development research that supports positive development of children. The theories of Erikson, Piaget, Vygotsky and others will be studied as a foundation to understanding the physical, social, cognitive and emotional developmental milestones in children prenatally to 12 years. Students will explore opportunities in human services and education-related careers and develop a career portfolio. This course is accepted statewide by four-year institutions for students majoring in early childhood education.

State Course ID: 19052A001

INTRO TO EARLY CHILDHOOD EDUCATION
1 semester (Fall) 1/2 credit
Open to sophomores, juniors, and seniors

SWIC Dual Credit Course
This course provides students with information and practical experiences needed for the development of competencies related to child/adult care, day care, and other education services occupations. Laboratory experiences, either in a school-based or worksite learning facility, are included throughout the class. Students meet standards in developing programs and assisting with children's and/or adult's activities. Classroom study includes the philosophy and management of care centers and the state and local regulations governing care-giving operations. The learning experiences will involve working with children/adults simulating those found in business and industry, as well as preparation for developing and facilitating these activities. Federal laws, licensing and regulatory requirements for programs serving children birth to 12 years are covered. The history of educating children birth to 12 years will be addressed.

State Course ID: 19054A001

FAMILY & CONSUMER SCIENCE

INDIVIDUALIZED INSTRUCTION
1 Semester 1/2 credit
Open to juniors and seniors
2 Semester Limit
Prerequisite: Completion of advanced-level course work in the field and written consent from the instructor.

No more than one individualized instruction student will be assigned to an instructor during a given semester. Students will be required to select a topic for study and Laboratory work must be a component of the study. The instructor must approve the topic during the first four weeks of the semester. A written contract specifying work to be completed must be signed by both the student and the instructor. At the end of the semester the student
must submit a written report to the instructor. After grading, a copy of the report will be placed on file with the department chairperson.

*State Course ID 16097A000*

**FAMILY & CONSUMER SCIENCE LABORATORY ASSISTANT**

1 Semester 1/4 credit per semester
2 Semester Limit – Pass/Fail Option Only
Open to juniors and seniors

*Prerequisite:* Successful completion of advanced-level course work in the field in which the student will assist and written consent from the instructor.

No more than two laboratory assistants will be assigned to any teacher during a given period. Student laboratory assistants will be required to aid the teacher in preparation for instruction in the classroom and to assist the teacher in the preparation, organization, maintenance, distribution, and storage of laboratory materials and equipment.

*Note:* In order for a student to be a Lab Assistant, it must be their sixth class.

*State Course ID 22245A000*
HEALTH OCCUPATIONS RELATED SKILLS
1 semester (Fall 2018) 1/2 credit
Open to juniors and seniors
The course provides students with a core of knowledge to the health care industry and helps refine their health care-related knowledge and skills. This core of knowledge will develop the students’ cognitive and affective skills in formulating a strong foundation for entry-level skill development. Topics covered usually include but are not limited to: an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities.  
State Course ID: 14151A001

MEDICAL/CLERICAL ASSISTING
1 semester (Spring 2019) 1/2 credit
Open to juniors and seniors
Medical/Clerical Assisting course provides student development in a sequence of organized learning experiences and skills designed knowledge and skills that combine the medical and clerical fields. Students typically develop skills such as patient exam preparation, assessment of vital signs, routine lab procedures, medical transcription, financial accounting, patient and insurance company billing, and record-keeping. This course suggests common clerical duties which include answering phones; greeting patients/clients; handling mail, patient/client data files and medical histories; ordering supplies; dealing with representatives from pharmaceutical companies and medical suppliers; and performing common clinical duties which include sterilizing instruments, preparing patients/clients for examination or treatment; taking temperatures, pulse, respiration and blood pressure; measuring height and weight; performing routine laboratory procedures; and assisting the physician with patient/client examinations and treatment under the direction of the professional medical staff. In addition, the medical assistant should be able to understand the health problems of patients/clients, ethics and legal issues, human relationships and interpersonal relationships.  
State Course ID: 14002A001

ORIENTATION TO HEALTH OCCUPATIONS
1 semester (Fall 2019) 1/2 credit
Open to juniors and seniors
The course should expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, vision and dental care, administrative services, and lab technology) which should include classroom and community-based activities. The main purpose of this course is to assist students in further development of their self-concept and in matching personal abilities and interest to a tentative career choice. The suggested course content should provide in-depth information into health occupations careers and trends, the occupational and educational opportunities and the educational, physical, emotional and attitudinal requirements.  
State Course ID: 14001A001

MEDICAL TERMINOLOGY
1 semester (Spring 2020) 1/2 credit
Open to juniors and seniors
SWIC Dual Credit Course
Students in this course learn how to identify medical terms by analyzing their components. This course emphasizes defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.  
Concurrent enrollment in Medical Terminology and Anatomy and Physiology is discouraged due to content overlap. It is advised that students elect to take Medical Terminology as a junior for precursor enrollment in Anatomy and Physiology as a senior.  
State Course ID: 14154A001
Industrial Technology & Engineering Course Sequences

- Industrial Electronics
  - Beginning Welding
    - Welding Technology 1
    - Welding Technology 2
  - Technical Drawing & Engineering Design
    - Drafting 1
    - Architectural Drafting (CAD) 1
    - Architectural Drafting (CAD) 2
    - Construction 1
    - Construction 2
  - Carpentry 1
  - Construction 1
  - Individualized Instruction
- Small Engine Repair
ARCHITECTURAL DRAFTING (CAD) 1
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Drafting 1

This course provides a foundation for students interested in engineering or architecture-related careers. This course is designed to provide students interested in a career in drafting with information and practical experience needed for the development of job-related competencies. The course content includes planning and organizing activities, researching information, preparing various mechanical and architectural sketches, performing basic layouts, detailing drawings such as sectional and isometric views. Computer Aided Drafting (CAD) software is used to generate various types of drawing. Mathematical learning standards and workplace skills are addressed in this class.

State Course ID 21106A001

ARCHITECTURAL DRAFTING (CAD) 2
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Architectural Drafting (CAD) 1

This course builds upon CAD skills obtained in Architectural Drafting (CAD) 1 emphasizing technical drawings. The areas of performing presentation techniques such as producing architectural drawings, interpreting codes and constructing structural working drawings, producing mechanical and electrical/electronic working drawings, and producing civil engineering drawings. This class provides a foundation for students interested in engineering or architecture-related careers. Computer Aided Drafting (CAD) software is used to generate various types of drawings. Mathematical learning standards and workplace skills are addressed throughout the class.

State Course ID 21106A002

BEGINNING WELDING
1 Semester 1/2 credit
Open to sophomores, juniors, and seniors
Prerequisite: None

Beginning Welding is designed to introduce the student to the basic fundamentals of all types of welding. Instructions will include safety procedures, identification of oxy-acetylene equipment, electrode identification and the making of proper settings of arc welding machines when welds are to be made.

State Course ID 13207A003

CARPENTRY 1
1 Semester 1/2 credit
SWIC Dual Credit Course
Open to sophomores, juniors, and seniors
Prerequisite: Completion of Technical Drawing & Engineering Design

This course consists of planned learning experiences designed to introduce this student to construction-related occupations and the knowledge and skills needed for these occupations. Areas of instruction include tools, materials, techniques, equipment, and processes utilized in the carpentry areas of construction.

State Course ID 21102A002

CONSTRUCTION 1
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Carpentry 1

Construction 1 is designed as an introductory course with emphasis on construction industry. It is also designed to provide comprehensive groundwork for construction. Instruction covers, but is not limited to, topics of: blueprint reading, residential floor/wall roof framing, estimating/structural computations, excavation, footings, and foundations. This course provides comprehensive background in the use of power tools.

State Course ID 17003A001

CONSTRUCTION 2
1 Semester 1/2 credit
SWIC Dual Credit Course
Open to juniors and seniors
Prerequisite: Completion of Construction 1

Construction 2 is a skill-level course with emphasis on the construction industry. Instruction covers: interior walls, interior and exterior doors, window framing, roof and rafter construction and finish carpentry work. Emphasis will be placed on good work habits and practices, safety of both hand and power tools. Mathematics, science, and language arts learning standards are addressed in this class.

State Course ID 17003A002

DRAFTING 1
1 Semester 1/2 credit
Open to sophomores, juniors, and seniors
Prerequisite: Completion of Technical Drawing & Engineering Design

This course introduces drafting-related occupations and the knowledge and skills needed for these occupations. Units will foster an awareness and understanding of drafting terms, drafting instruments and their uses, lettering styles and procedures, sketching and shape description, geometric construction, and multi-view projection. This class provides a foundation for students interested in engineering- or architecture-related careers. Mathematical learning standards and workplace skills are addressed in this class.

State Course ID 21102A002
INDUSTRIAL ELECTRONICS
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: Completion of or enrollment in Algebra

This course consists of planned learning experiences designed to introduce the student to electricity and electronics occupations and the knowledge and skills needed for these occupations. Areas of instruction include electron theory, energy sources, OHMS LAW A.C. and D.C. circuits, and the equipment used in analyzing and testing.

State Course ID 17104A001

3D MODELING, ANIMATION & PRINTING
(CGJ, Animation and 3D Printing)
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: None

This course will be an exploration into current 3D design and software and techniques for modeling 3D objects to be used in products such as games, movies and for production with 3D printers.

State Course ID 11154A001

SMALL ENGINE REPAIR
1 Semester 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: None

This introductory course provides experience related to maintenance, repair, and servicing a variety of maintenance equipment such as lawn mowers, chainsaws, and rotary tillers. Areas of instruction include but are not limited to: safety principles and practices; combustion engine principles; carburetion principles; disassembly and reassembly of small gas engines; reading from technical manuals; measuring and performing mathematical calculations related to small engine mechanics.

State Course ID 20110A001

TECHNICAL DRAWING & ENGINEERING DESIGN
1 Semester 1/2 credit
Open to all levels
Prerequisite: None

Technical Drawing and Engineering Design will introduce students to new technologies of the Illinois plan for Industrial Education. Instruction will foster an awareness and understanding of technologies in graphic communication; the design and problem solving process; construction; and transportation technology. Students will be introduced to drafting communications using both manual and computer aided design techniques and will utilize the most recent version of Auto-Cad software on the market today.

State Course ID 21052A002

WELDING TECHNOLOGY 1
1 Semester 1/2 credit
Open to juniors and seniors
SWIC Dual Credit Course
Prerequisite: Completion of Beginning Welding

Welding Technology 1 is the first of a series of four welding classes that consist of planned learning experiences designed to provide the student with job entry level skills. Areas of instruction include, but are not limited to: safety, machine operation -- grinders, metal saws, drilling machines and arc welders; introduction to oxy-acetylene; shielded metal arc welding -- flat butt welds, vertical butt weld, horizontal butt weld, and overhead butt welds; flame cutting -- manual and semi-automatic; heating and forming of metal and housekeeping.

State Course ID 13207A001

WELDING TECHNOLOGY 2
1 Semester 1/2 credit
Open to juniors and seniors
Prerequisite: Completion of Welding Technology 1

This course further develops skills obtained in Welding Technology 1 with additional areas of instruction including: 1) all position butt welding with heavier metal; 2) Vee-groove butt joints; 3) gas metal arc welding; flat butt weld, vertical butt weld, horizontal butt weld, and overhead weld.

State Course ID 13207A001

WELDING TECHNOLOGY 3
1 Semester 1/2 credit
Open to seniors
Prerequisite: Completion of Welding Technology 2

This course continues to develop previously introduced skills. Additional areas of instruction include: 1) inspection of specified jobs; 2) maintenance of equipment; 3) proper material selection; 4) air/carbon arc cutting; 5) pipe welding; and 6) spot welding.

State Course ID 13207A002

INDUSTRIAL TECHNOLOGY INDIVIDUALIZED INSTRUCTION
1 Semester 1/2 credit
Open to seniors
Prerequisite: Completion or advanced-level course work in the field and written consent from the instructor

No more than one individualized instruction student will be assigned to an instructor during a given semester. Students will be required to select a topic for study and Laboratory work must be a component of the study. The instructor must approve the topic during the first four weeks of the semester. A written contract specifying work to be completed must be signed by both the student and the instructor. At the end of the semester, the student must submit a written report to the instructor. After grading, a copy of the report will be placed on file with the department chairperson.

State Course ID 22997A000
Industrial Technology Laboratory Assistant
1 Semester 1/4 credit per semester (2 semester limit)
Open to juniors and seniors
Prerequisite: Successful completion of advanced level course work in the field in which the student will assist and written consent from the instructor.

No more than two laboratory assistants will be assigned to any teacher during a given period. Student laboratory assistants will be required to aid the teacher in preparation for instruction in the classroom and to assist the teacher in the preparation, organization, maintenance, distribution, and storage of laboratory materials and equipment.

Note: In order for a student to be a Lab Assistant, it must be their sixth class.

State Course ID 17995A00
**DRIVER EDUCATION AND HEALTH**

**DRIVER EDUCATION**

1/2 Semester  
1/4 credit *  
*Open to all levels*  
*Prerequisite: See Note*

The driving age in Illinois is 18. A student may obtain a restricted driver’s license at the ages of 16 and 17 if they pass an approved driver education course consisting of 30 hours of classroom and 12 hours of behind the wheel training (6 hours driving and 6 hours observation). O’Fallon Township High School offers students an Illinois State Board of Education approved driver education course.

- Driver Education classroom and behind the wheel driving introduces students to Illinois Rules of the Road, vehicle control procedures, risk management techniques, skills that assist drivers in different environments and decision making methods to become responsible drivers. Students will apply for permits during the classroom portion of driver education. (Students must be 15 years of age, show proof of age: certified birth certificate or military ID, pay a $20 fee to the Illinois Secretary of State’s Office, pass a written test and pass a vision test 20/40)
- Eligibility for enrollment: Illinois State Law states that students must have successfully passed eight (8) semester hours in the previous two (2) semesters in order to enroll in driver education. There is a $250 fee for driver education classroom / behind the wheel training. This fee must be paid before the student will be scheduled for behind the wheel driving.
- Driver Education classroom is a quarter class that counts toward a student’s grade point average. Keyboarding essentials is offered the nine weeks opposite Driver Education for freshman and sophomores to fill out the semester. The classroom phase is offered five times a year and the behind the wheel training is offered throughout the school year plus during the summer.
- Behind the wheel driving sometimes occurs concurrently with classroom driver education and sometimes after the classroom portion (this is due to availability of driver education vehicles and the number of students enrolled). Behind the wheel driving lessons must be driven in not less than a 6 week period of time. (4 weeks allowable in the summer).

**HEALTH**

1 Semester  
1/2 credit  
*Open to all levels*  
*Prerequisite: See Note*

Health Education is a one-semester course required for graduation. It is designed to assist the student in developing an over-all base of knowledge of physical, emotional, and mental health and how it applies to their daily lives as they seek a high degree of wellness. The students will demonstrate better decision making and life skills for themselves physically, mentally, and emotionally (socially) by using the knowledge and information provided in this class. Materials and discussions will concentrate on the consequences of both risk and wellness behaviors. Major emphasis will be placed on personal care, body systems, personal fitness, mental health, drug intervention, chronic illnesses, and communicable/non-communicable diseases/disorders.

We will explore current health issues and trends related to teens and what effects these issues have on their lives. Students will realize that health is not just the absence of disease, but the positive state of physical, mental and social well being. Various topics to be discussed could include self-esteem (body image), first aid and safety (CPR/AED Education), refusal skills, responsible decision making, media influence, teen pregnancy and parenting, the life cycle, AIDS and STDs, suicide prevention, proper nutrition, physical fitness, substance abuse and prevention, and current issues that affect every day teen living.

*Students old enough to enroll in Driver Education their freshman year will enroll in Health their sophomore year; students taking Driver Education sophomore year will enroll in Health their freshman year.*
FRESHMAN REQUIREMENTS

FRESHMEN ARE REQUIRED TO TAKE ONE (1) WRITING-CENTERED COURSE AND ONE (1) TEXT-CENTERED COURSE.

WRITING-CENTERED COURSE OFFERINGS

<table>
<thead>
<tr>
<th>Course</th>
<th>NCAA</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPRECIATION OF RHETORIC</td>
<td></td>
<td>1/2</td>
<td>Open to freshmen</td>
<td>1 Semester</td>
<td>Covers fundamental writing skills such as sentence structure, paragraph structure, and essay structure while incorporating the basics of presenting information orally. These units will increase students’ skills as researchers, so they can effectively write and present information to others throughout their high school years and beyond.</td>
</tr>
<tr>
<td>HONORS APPRECIATION OF RHETORIC</td>
<td>NCAA</td>
<td>1/2</td>
<td>Open to freshmen</td>
<td>1 Semester</td>
<td>A rigorous course that will require students to write research papers as well as present information orally. While the objectives and information categories are similar to those in Appreciation of Rhetoric, Honors Appreciation of Rhetoric students will cover material more quickly and will be assigned more challenging oral projects. Students must earn a B- or higher in this course to take Honors World Literature I.</td>
</tr>
</tbody>
</table>

TEXT-CENTERED COURSE OFFERINGS

<table>
<thead>
<tr>
<th>Course</th>
<th>NCAA</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Term</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>APPRECIATION OF LITERATURE</td>
<td></td>
<td>1/2</td>
<td>Open to freshmen</td>
<td>1 Semester</td>
<td>A one-semester required freshman course designed primarily to introduce the formal study of literature. This course involves the study of short stories, poetry, non-fiction works, Romeo and Juliet, and To Kill a Mockingbird. Grades are based on daily quizzes over lectures or reading assignments, writing assignments, unit tests, class discussion and notebooks.</td>
</tr>
<tr>
<td>HONORS WORLD LITERATURE I</td>
<td>NCAA</td>
<td>1/2</td>
<td>Open to freshmen</td>
<td>1 Semester</td>
<td>A course designed for the student who has exceptional ability in reading and language arts. The literature studied in this course is world literature and includes all genres. The study of the literature is intense and the reading expected of the students is extensive. Students must earn a B- or higher in this course to take Honors Appreciation of Rhetoric.</td>
</tr>
</tbody>
</table>
**SOPHOMORE REQUIREMENTS**

SOPHOMORES ARE REQUIRED TO TAKE ONE (1) WRITING-CENTERED COURSE AND ONE (1) TEXT-CENTERED COURSE.

**WRITING-CENTERED COURSE OFFERINGS**

**WRITTEN COMMUNICATION**

1 Semester  
Open to sophomores  
Prerequisite: None

Practice in essay writing will be the focus of this course. The writing process will begin with a review and practice of sentence manipulation and continue by writing various essay formats including an extended paragraph, compare-contrast, persuasive, and analysis papers.

**HONORS WRITTEN COMMUNICATION**

1 Semester  
Open to sophomores  
Prerequisite: Completion of both Honors Rhetoric and Honors World Literature I with a grade of "B-" or better

This honors composition course is designed for gifted English students who excel in writing. It is an accelerated, enriched, and differentiated version of Written Communication. Students will compose 4-5 process essays and focus on honing writing skills designed to prepare them for college-level writing. Students must earn a B- or higher in this course to take Honors World Literature II.

**TEXT-CENTERED COURSE OFFERINGS**

**WORLD LITERATURE**

1 Semester  
Open to sophomores  
Prerequisite: None

This semester course engages students in an analytical study of classic to contemporary literature from around the world. This class will provide students the opportunity to experience and incorporate all elements of literacy: reading, writing, speaking, listening, and researching as they examine how culture impacts an individual’s global perspective. By expanding their cultural boundaries, students will begin to realize their role as global citizens by embracing diversity and challenging individual and social prejudices.

**HONORS WORLD LITERATURE II**

1 Semester  
Open to sophomores  
Prerequisite: Completion of both Honors Rhetoric and Honors World Literature I with a grade of "B-" or better

Honors World Literature II is designed for the student who has exceptional ability in reading and language arts. The literature studied in this course is world literature and includes all genres. The study of the literature is intense and the reading expected of the students is extensive. Included in this course are works by the following well-known authors: William Shakespeare, Dante Alighieri, Mark Twain, Plato, Robert Frost and Leo Tolstoy. Students must earn a B- or higher in this course to take Honors Written Communication.
JUNIOR REQUIREMENTS

JUNIORS ARE REQUIRED TO TAKE ONE (1) WRITING-CENTERED COURSE AND ONE (1) TEXT-CENTERED COURSE.

WRITING-CENTERED COURSE OFFERINGS

<table>
<thead>
<tr>
<th><strong>PRINCIPLES OF COMPOSITION</strong></th>
<th>NCAA</th>
<th>1 Semester</th>
<th>1/2 credit</th>
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</thead>
<tbody>
<tr>
<td><strong>Open to juniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> Completion of Written Communication with a grade of “C+” or lower or teacher recommendation</td>
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</tbody>
</table>

Students who wish to improve their writing will be able to concentrate on the writing process for developing clearer and more understandable compositions. Students will receive help in improving the structure of sentences and paragraphs as well as developing personal essays.

<table>
<thead>
<tr>
<th><strong>EXPOSITORY WRITING I</strong></th>
<th>NCAA</th>
<th>1 Semester</th>
<th>1/2 credit</th>
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</thead>
<tbody>
<tr>
<td><strong>Open to juniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> Completion of Written Communication with a grade of “C” or better and teacher recommendation</td>
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</table>

Students will refine personal essay writing and be introduced to research-based writing using the literary analysis and persuasive essays. Students will be expected to demonstrate mature, creative approaches to their writing while meeting acceptable standards of correctness and form. This class is designed for the college-bound student.

<table>
<thead>
<tr>
<th><strong>AP® LITERATURE AND COMPOSITION</strong></th>
<th>NCAA</th>
<th>Full Year (Fullfills both writing and text requirement)</th>
<th>1 credit</th>
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</thead>
<tbody>
<tr>
<td><strong>Open to juniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> Completion of Honors World Literature II and Honors Written Communication with a grade of “B-” or better</td>
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</table>

AP® Literature and Composition is a year-long course in world literature that uses modern critical methods and class discussion to examine challenging classical and contemporary texts and to explore the issues and ideas that emerge. As a college-preparatory writing course that exposes students to a variety of kinds of writing, it also emphasizes the skills of close reading and analysis of style through poetry and fictional prose. This course gives students the opportunity to hone their argumentation skills, makes them more comfortable with poetry analysis, and provides them practice in writing both at-home and in-class responses to literature. Throughout the course, students will examine works both in-class and independently around such themes as Dream vs. Reality, Conformity and Rebellion, Tradition and Progress, Identity and Culture, and War and Peace. This year-long course fulfills both the text-centered and writing-centered requirements.

TEXT-CENTERED COURSE OFFERINGS

<table>
<thead>
<tr>
<th><strong>AMERICAN LITERATURE</strong></th>
<th>NCAA</th>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tbody>
<tr>
<td><strong>Open to juniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> English classes with a grade of “C+” or better</td>
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</table>

American Literature is a survey course beginning with the personal writing of settlers and ending with more contemporary studies. All facets of our country’s literature are explored: the oral, the written and the musical. Students learn to appreciate their cultural heritage by tracing the ideas that guided our nation to its present position. This class is designed for the college-bound student who excels in English.

<table>
<thead>
<tr>
<th><strong>LITERATURE OF AMERICAN CULTURES</strong></th>
<th>NCAA</th>
<th>1 Semester</th>
<th>1/2 credit</th>
</tr>
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<tbody>
<tr>
<td><strong>Open to juniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> None</td>
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</table>

Students will study the literature of the many cultures that make up America, with focus on the Native-American, African-American, Asian-American and Latino voices. The course is structured thematically with the addition of a novel unit. This is a serious approach to literature and ideas from American writers who are not only "white", "male" or "dead". This class is designed to broaden and expand the comprehension skills of the college-bound student.

<table>
<thead>
<tr>
<th><strong>CONTEMPORARY THEMES IN LITERATURE</strong></th>
<th>NCAA</th>
<th>1 Semester</th>
<th>1/2 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Open to juniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> None</td>
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</table>

This course examines a variety of themes in literature. Students explore different genres from the short story to nonfiction essays to poetry, and gain a basic understanding of each. Class requirements include a group teaching project, and short written assignments throughout the semester. This class is designed to prepare a student with the comprehension skills needed to succeed in a variety post-secondary settings.
<table>
<thead>
<tr>
<th><strong>THEATRE LITERATURE</strong></th>
<th><strong>NCAA</strong></th>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tbody>
<tr>
<td><strong>Open to juniors and seniors</strong></td>
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<tr>
<td><strong>Prerequisite:</strong> None</td>
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</table>

Students will read and study dramatic literature, both as a type of literature and as a blueprint for performance. Students will read a minimum of nine (9) plays representing various styles and periods. The plays read will serve as the basis for written essays, discussion, and in-class presentations. Though elements and characteristics of dramatic literature will be the focus, students will also be exposed to basic acting and staging techniques. This class is designed to broaden and expand the comprehension skills of the college-bound student.

<table>
<thead>
<tr>
<th><strong>GREAT BOOKS</strong></th>
<th><strong>NCAA</strong></th>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tbody>
<tr>
<td><strong>Open to juniors and seniors</strong></td>
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<td></td>
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<tr>
<td><strong>Prerequisite:</strong> None</td>
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</table>

This class invites students to read a variety of books including classic and contemporary works of fiction and nonfiction. Students will read 12 books throughout the semester. Writing is an imperative element of this course as students will compose essays using critical, reflective, expository, and narrative writing in order to deepen and assess their understanding of what is read. STUDENTS TAKING THIS COURSE MAY NOT LATER TAKE HONORS GREAT BOOKS.
**SENIOR REQUIREMENTS**

SENIORS ARE REQUIRED TO TAKE ONE (1) WRITING-CENTERED COURSE AND ONE (1) TEXT-CENTERED COURSE.

**WRITING-CENTERED COURSE OFFERINGS**

**SENIOR WRITING SEMINAR**

<table>
<thead>
<tr>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tr>
<td>Open to seniors</td>
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</table>

Prerequisite: Completion of Principles of Composition or C- or lower in Expos I

Senior Writing Seminar is a class designed for struggling writers who want to improve their writing through a variety of activities. In addition to personal, creative, and research-based writing assignments, students will complete a semester-long project. Within the writing assignments, grammar, vocabulary, and mechanical skills will be reinforced as needed. Throughout the semester, editing and revision will be a focus of the writing process.

**EXPOSITORY WRITING II**

<table>
<thead>
<tr>
<th>1 Semester</th>
<th>1/2 credit</th>
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<td>Open to seniors</td>
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</table>

Prerequisite: Completion of Expository Writing I with a grade of “C” or better and teacher recommendation

The course helps students to refine their essay writing skills using research-based information rather than personal experiences. Several essays are based on required readings. Students also learn research skills and proper documentation as they write a research paper.

**HONORS EXPOSITORY WRITING II**

<table>
<thead>
<tr>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tr>
<td>Open to seniors</td>
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</table>

Prerequisite: Completion of Honors Expository Writing I with a grade of “B-” or better

This class is designed for the advanced college-bound student who excels in English. Honors British Literature is an exciting survey course that will explore prominent pieces of English literature through the application of various literary theories. Literature included in the course is carefully selected and studied thematically to enable students to make meaningful connections between text, self, and society.

**WRITING LAB ASSISTANT**

<table>
<thead>
<tr>
<th>1 Semester (2 semester limit)</th>
<th>1/4 credit per semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to seniors</td>
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</table>

Prerequisite: Submit recommendation letter from Expos Writing I teacher, earn a grade of “A-“ or higher in Expos I or grade of “B+” or higher in Honors Expos I, complete application, possess demeanor and knowledge required to help students use technology to improve their writing and approval by English Department Chair

No more than two laboratory assistants will be assigned to any teacher during a given period. Student laboratory assistants will be required to aid the teacher in instructing students in the use of Turnitin.com and IMC databases as well as serve as a peer reviewer. Students will be required to write each of the essays required in the particular course and submit them for a grade at the beginning of each unit.

Note: In order for a student to be a Lab Assistant, it must be their sixth class. This is an elective English credit and does not count towards the required writing or literature course.

**TEXT-CENTERED COURSE OFFERINGS**

**HONORS BRITISH LITERATURE**

<table>
<thead>
<tr>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tr>
<td>Open to seniors</td>
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</tbody>
</table>

Prerequisite: Completion of American Literature, Honors American Literature, Expository Writing I or Honors Expository Writing I with a grade of “B-“ or better.

This class is designed for the advanced college-bound student who excels in English. Honors British Literature is an exciting survey course that will explore prominent pieces of English literature through the application of various literary theories. Literature included in the course is carefully selected and studied thematically to enable students to make meaningful connections between text, self, and society.

**WORLD MYTHOLOGY**

<table>
<thead>
<tr>
<th>1 Semester</th>
<th>1/2 credit</th>
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<tbody>
<tr>
<td>Open to seniors</td>
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</tbody>
</table>

Prerequisite: None

The class will explore a range of mythology from Greek, Roman, Norse, African American, Native American and others. The myths will focus on the creation of the world, mankind’s errors in judgment, heroic adventures, and epics. This class is designed to broaden and expand the comprehension skills of the college-bound student.
THEATRE LITERATURE

1 Semester

Open to juniors and seniors

Prerequisite: None

Students will read and study dramatic literature, both as a type of literature and as a blueprint for performance. Students will read a minimum of nine (9) plays representing various styles and periods. The plays read will serve as the basis for written essays, discussion, and in-class presentations. Though elements and characteristics of dramatic literature will be the focus, students will also be exposed to basic acting and staging techniques. This class is designed to broaden and expand the comprehension skills of the college-bound student.

HONORS GREAT BOOKS

1 Semester

Open to seniors

Prerequisite: Completion of American Literature, Honors American Literature, Expository Writing I or Honors Expository Writing I with a grade of “B-” or better

Designed for the advanced college-bound student who excels in English, this honors course is reading and writing intensive. The central objective of the course is to immerse students in the reading of literature and critical analysis of literary structures through oral and written assessment. This course helps students prepare for the volume and type of reading and writing expected of them at the college level. Students will study 12 books including classic literature, history and politics, biography and autobiography, drama, science, religion, psychology, and sociology as well as modern selections. Writing is an imperative element of this course as students will compose a minimum of ten essays using critical, reflective, expository, and narrative writing in order to deepen and assess their understanding of what is read. Students taking this course may not later take Great Books.

GREAT BOOKS

1 Semester

Open to juniors and seniors

Prerequisite: None

This class invites students to read a variety of books including classic and contemporary works of fiction and nonfiction. Students will read 12 books throughout the semester. Writing is an imperative element of this course as students will compose essays using critical, reflective, expository, and narrative writing in order to deepen and assess their understanding of what is read. Students taking this course may not later take Honors Great Books.

PUBLIC SPEAKING

1 Semester

Open to seniors

Prerequisite: Must have C+ or higher in 10th and 11th grade English courses

This course will build on skills obtained in Appreciation of Rhetoric. It will teach skills in successful public speaking including instruction in the organization, presentation, and evaluations of various types of speeches, i.e., personal narrative, informative, group speech, and persuasive. This course is open to seniors. Students may also take this course for SWIC dual credit with three (3) college credit hours in SPCH 151.

* .5 unit
All courses meet for the entire school. To continue with courses in the college-prep sequence, students must pass the prerequisite course with a grade of “C” or better.

To take courses in the Honors sequence, a student must receive the consent of the department or have passed the prerequisite course with a grade of “B” or better. With permission of the department chairperson, students may enroll in Honors Geometry and Honors Algebra 2 concurrently. Students will be permitted to enroll concurrently in two mathematics courses in the same semester ONLY in special circumstances AND with department chairperson approval. Enrollment in Accelerated Algebra 1 is limited to sophomores by invitation only.
ALGEBRA 1-A  
Full Year  1/2 credit per semester  
Open to all levels  
Prerequisite: None  

Algebra 1-A introduces the skills and concepts of a first-year algebra course. Emphasis in Algebra 1-A will be upon the skills needed to solve and graph linear equations and inequalities, solve systems of equations, and complete applications of linear and systems of equations, along with all the numerical concepts required to support these topics. The course is specifically designed to meet the needs of students requiring a slower pace and extra practice with algebra and number skills. Students successfully completing both semesters of Algebra 1-A should enroll in Geometry.  
* .5 unit

ALGEBRA 1  
Full Year  1/2 credit per semester  
Open to juniors and seniors  
Prerequisite: Pass BOTH semesters of Algebra 1-A and Geometry  

Algebra 1 is a one-year course study of the second half of the Algebra 1 curriculum. The first half of the Algebra 1 curriculum is covered in Algebra 1-A. Algebra 1 will serve as the third course in the Algebra 1-A, Geometry, Algebra 1, Algebra 2 course sequence. Some of the topics in Algebra 1 include exponents, basic operations on polynomials, factoring polynomials, simplifying rational expressions and solving rational equations, solving and graphing quadratic functions, and probability. Students will also prepare for the Prairie State Achievement Test (PAARC) and ACT tests. Juniors who successfully complete Algebra 1 may enroll in Algebra 2.  
* .5 unit

GEOMETRY  
Full Year  1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: Pass BOTH Semesters of Algebra 1-A OR Pass BOTH Semesters of Advanced Algebra 1 with a Grade of C or less  

Geometry covers many of the same geometric concepts studied in Advanced Geometry but at a slower pace. Since geometry is a visual subject, recognition and analysis of figures and shapes is a major theme of this course. Other topics studied in the course include informal deduction, and an introduction to formal proofs. During this course, students extend their knowledge of geometry by completing projects which help them recognize geometry in everyday life and integrates geometry into various professional areas. Students successfully completing Algebra 1-A and Geometry should register for Algebra 1. Students successfully completing Advanced Algebra 1 and Geometry should register for Algebra 2.

ALGEBRA 2  
Full Year  1/2 credit per semester  
Open to juniors and seniors  
Prerequisite: Seniors – successful completion of Geometry and Algebra 1  
Juniors – completion of Advanced Algebra 1 and Advanced Geometry with recommendation by their most recent mathematics teacher  

Algebra 2 will serve as the final course in the Algebra 1-A, Geometry, Algebra 1 sequence or a third course in the Advanced Algebra 1, Advanced Geometry sequence. Students taking this course should be preparing for further study at the post secondary level. Students are strongly encouraged to have a Texas Instruments Graphing Calculator to use throughout the course. Students will examine the real number system in conjunction with set theory. Students will take knowledge from Algebra 1 and expand upon it in areas such as linear equations and inequalities, functions, and linear and quadratic functions. Students will study quadratic functions and factoring, polynomials and polynomial functions, rational exponents, and radical functions. Students will also explore new areas such as polynomial functions, exponential and logarithmic functions, trigonometry, and statistics. Juniors who successfully complete Algebra 2 may enroll in College Algebra 1-2.  

COLLEGE ALGEBRA WITH TRIGONOMETRY  
Full Year  1/2 credit per semester  
Open to seniors and qualifying juniors  
Prerequisite: Successful completion of both semesters of Algebra 2 OR successful completion of both semesters of Advanced Algebra 2 with a passing grade of C+ or lower AND teacher recommendation  

College Algebra with Trigonometry is a full-year course that will review and extend upon Algebra 2 topics. Linear functions, quadratic functions, polynomial functions, logarithmic functions, exponential functions, and rational functions will be studied. The application of each of these functions to real world problems will be examined. During the second semester, trigonometric functions and their applications will be introduced. Units dealing with conic sections and statistics will also be covered second semester. College Algebra with Trigonometry will help lay a foundation for students who are preparing for further study at the post secondary level by fine tuning their skills as well as applying those skills to real-world applications. Students who have completed Honors Algebra 2 will not be eligible to enroll in this course. All students registering for this course are required to have a graphing calculator. The TI-83/84 Graphing Calculator or the TI Inspire will be used for classroom work.
**ADVANCED MATH SEQUENCE**

**ADVANCED ALGEBRA 1**  
NCAA  
Full Year  
1/2 credit per semester  
Open to freshman  
Prerequisite: None

Advanced Algebra 1 is a one-year course that will build upon the student’s previous knowledge of mathematics by emphasizing language relating to the real number system and its properties. Topics include: expressions, equations and applications, inequalities, linear functions, linear equations and their graphs, systems of linear equations, exponents and exponential functions, polynomial operations and factoring, radical expressions, and quadratic functions. This course will also introduce the student to the TI-84 graphing calculator. It is strongly recommended that the students purchase their own calculator. Successful completion of Advanced Algebra 1 (with a grade of “C” or better both semesters) prepares students for enrollment in Advanced Geometry. Students who have passed Advanced Algebra 1 with a grade less than a “C” enroll in Geometry the following year.

**ACCELERATED ALGEBRA 1**  
NCAA  
Full Year  
1/2 credit per semester  
Open to sophomores by invitation only  
Prerequisite: Recommendation by Algebra 1-A teacher during the freshman year

Accelerated Algebra 1 is a one year course that will expand upon student’s previous knowledge of algebra, going into more depth and greater detail. First semester topics will include linear equations and their graphs, inequalities, and linear functions, systems of equations and inequalities, and exponential functions. Second semester topics include polynomials and factoring, and radical expressions, quadratic functions, and rational expressions. This course will introduce students to the Texas Instruments graphing calculators. Students are strongly encouraged to purchase their own graphing calculator before the completion of the year. Successful completion of Accelerated Algebra 1 with a grade of C or better will enable students to enroll in Advanced Geometry.

**ADVANCED GEOMETRY**  
NCAA  
Full Year  
1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: Completion of Advanced Algebra 1 or Accelerated Algebra 1 with a grade of C or better BOTH semesters.

Advanced Geometry is designed to help students develop habits of clear thinking in order to make conjectures and follow a logical sequence of deductive reasoning. Students will learn about the geometric relationships in both two and three dimensions of lines, planes, angles, circles, polygons, etc. Different problem solving techniques are introduced and students are encouraged to use them when doing assignments. During the first semester students will focus on learning geometric concepts through constructions and transformations (most specifically of triangles). The development of logical proofs and the use of algebraic skills to solve geometric problems will also be emphasized. Focus the second semester will be on properties and formulas related to polygons, circles, coordinate geometry, polyhedra and work in three dimensions.

**ADVANCED ALGEBRA 2**  
NCAA  
Full Year  
1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: Completion of Advanced Geometry with a grade of “C” (not C-) or higher both semesters AND a grade of “C” or higher both semesters of Advanced Algebra 1 OR a grade of A (95% or higher) both semesters in Algebra 1 and the recommendation of the Algebra 1 teacher.

Advanced Algebra 2 is a full-year course designed for college-bound students. Students are required to have a Texas Instruments Graphing Calculator which will be used extensively. The course begins with a review of the real numbers system and its properties, then continues on to solving and graphing linear functions. Linear systems eventually build into some basic work with matrices. The main emphasis in the systems chapter will be linear programming. First semester ends with the study of quadratic equations and functions. Students will graph quadratics functions and solve quadratic equations using several different methods. During the second half of the school year, students will study radical functions and rational expressions, exponential and logarithmic functions, rational functions, trigonometry, polynomials and polynomial functions. Students enrolling in Advanced Algebra 2 should be motivated to work. They should also possess thinking skills that allow them to make the transition to a higher, more abstract cognitive level of mathematics than previously attained.

**Students completing Advanced Algebra 2 with a passing grade of C- or less either semester will be recommended for College Algebra 1-2 placement. Students completing Advanced Algebra 2 with a grade of C or higher are eligible to enroll in Trigonometry, Descriptive and Inferential Statistics, or Pre-Calculus. A grade of B or higher is necessary for enrollment in Advanced Pre-Calculus after successful completion of Trigonometry with a grade of C or higher.**
**DESCRIPTIVE AND INFERENTIAL STATISTICS**

**NCAA**

Full Year 1/2 credit per semester

**SLU Dual Credit Course**

Prerequisite: Successful Completion of Advanced Algebra 2 with a grade of C or higher OR Honors Algebra 2 with a passing grade

Descriptive and Inferential Statistics is a year-long course designed to prepare students for collegiate level work in probability and statistics. Descriptive Statistics is studied first semester and includes such topics as graphical displays of data, numerical descriptions of data, summarizing bivariate data, probability, random variables, and probability distributions. Inferential statistics is the focus of second semester and includes such topics as planning a statistical study, point estimation, interval estimation, and various forms of hypothesis testing. Students who enroll in Statistics will be prepared to take the AP Statistics exam in early May. An increasing number of college programs and majors are requiring some coursework in statistics and this course serves as excellent preparation for such coursework. Applications and case studies are provided for study throughout the course and exposure to software programs used in collegiate statistics courses (MINITAB) as well as the Statistics features of the TI-84 and TI Nspire calculator are essential components of the course. The TI-84 and TI Nspire Graphing Calculator will be used for all work in this course.

**ADVANCED PRE-CALCULUS WITH TRIGONOMETRY**

**NCAA**

Full Year ½ credit per semester

Open to juniors and seniors

Prerequisite: Completion of Advanced Algebra 2 and Advanced Geometry with a grade of B− or higher both semesters in each course

Advanced Pre-Calculus with Trigonometry is a one-year course for students with a very strong background in both Algebra and Geometry who are interested in pursuing further coursework in mathematics, engineering, or the sciences. Emphasis first semester is placed upon functions of arc lengths on the circumference of the unit circle (circular functions) and their graphs, trigonometric functions, trigonometric identities, inverse trigonometric functions, and algebraic solutions of trigonometric equations. A variety of application problems from surveying and navigation will be solved using the Law of Sines and Law of Cosines. During second semester, students will study basic functions and their graphs, polynomial, power, and rational functions, systems of equations and inequalities, conic sections, and exponential, logistic, and logarithmic functions. Extensive use of graphing calculator technology will be made in this course, and each student will be required to have a TI-83/84 model graphing calculator in their possession every day. Successful completion of this course will prepare students for a first course in Calculus.

**CALCULUS**

**NCAA**

Full Year 1/2 credit per semester

Open to juniors and seniors

Prerequisite: Completion of Trigonometry AND Advanced Pre-Calculus with a grade of “C” (not C−) or better

Calculus is a course designed to introduce students to the fundamental techniques and applications of calculus. Students review important pre-calculus topics with special emphasis on limits. Techniques of differentiation and integration are studied and applied to a variety of real-life situations. Although students are required to understand the meanings and applications of both the derivative and the integral, emphasis is placed upon skills and concepts rather than on a theoretical understanding of the calculus. This course is designed to prepare students for the AP Calculus AB exam, and it serves as an excellent preparation for college level calculus courses.
HONORS MATH SEQUENCE

HONORS ALGEBRA 1

Full Year  1/2 credit per semester
Open to freshmen
Prerequisite: Invitation only

Honors Algebra 1 is a one-year course covering much of the same material as a typical first-year algebra course. Solving equations, fractions and their applications, inequalities, polynomials, linear functions, systems of equations, rational expressions and equations, quadratic functions and data analysis are some of the topics covered in this course. Some geometry topics are also integrated into the curriculum. The subject material in Honors Algebra 1 is covered in much greater depth and at a more rapid pace than a typical first year algebra course. The TI-84 graphing calculator is a valuable asset for this class. Each student is required to have one of these calculators in their possession for every class. Successful completion of both semesters of this course with a grade of "B" (not B-) or higher is necessary for students to enroll in Honors Geometry. A grade of "B-" or lower requires that the student take Advanced Geometry the following school year. The Honors Algebra 1 teacher may recommend that those students demonstrating exceptional talent and abilities in mathematics (very high A average both semesters) “double up” and enroll in both Honors Geometry and Honors Algebra 2 during the next school.

HONORS ALGEBRA 2

Full Year  1/2 credit per semester
Open to sophomores and juniors
Prerequisite: Completion of Honors Geometry with a grade of “B” (not B-) or higher both semesters OR recommendation by the Honors Algebra 1 teacher to double in Honors Geometry and Honors Algebra 2

Honors Algebra 2 is a full-year course designed for the most talented students of mathematics at this level of the curriculum. A Texas Instruments Graphing Calculator is required and will be used extensively. Significant emphasis will be placed upon the language and vocabulary in mathematics. The course begins with a study of the algebraic properties, set theory, and a review of solving linear equations and inequalities. The first semester concentrates on linear functions and their applications. Students will discover how to work with linear functions numerically, graphically and algebraically. The concept of linear functions will be extended to systems of linear functions and matrix algebra. The first semester will conclude with a study of the laws of exponents. An in-depth study of polynomial, exponential, logarithmic, and rational functions will be the major focus of the second semester. Again, students will study these functions numerically, graphically, and algebraically. Students will explore multiple problem solving strategies with higher level thinking skills to apply the skills they have developed. In addition to the study of functions, inverse functions will be introduced and applied. A detailed analysis of the models and graphs of conic sections will be implemented during the second semester. Finally, students will be introduced to the basic principles of probability as well as the statistical analysis of data. An abundance of real world applications will be presented throughout the year to enhance each student’s appreciation and understanding of mathematics. Successful students that complete the course with a grade of “B” or better for both semesters may enroll in Honors PreCalculus/Trigonometry the following year.

HONORS GEOMETRY

Full Year  1/2 credit per semester
Open to freshmen and sophomores
Prerequisite: Completion of Honors Algebra 1 with a grade of “B” (not B-) or higher BOTH semesters

Honors Geometry is a one-year course intended for mathematically-talented students. The mission of the class is to develop innovative problem solvers who critically think through problems, make connections, formulate creative strategies, apply mathematical concepts, generate accurate but efficient solutions, and effectively communicate ideas through logical reasoning. Emphasis first semester is placed upon language, developing logical reasoning skills by writing proofs as well as practicing creative problem-solving techniques. During second semester, students will study similarity, right triangles, circles, area, and volume of three-dimensional figures. Admission to the course as a Freshman is by invitation only.

Note: Consent of the department chairperson is required unless the Honors Algebra 1 prerequisite is satisfied.

HONORS PRE-CALCULUS WITH TRIGONOMETRY

Full Year  1/2 credit per semester
Open to juniors and seniors
Prerequisite: Completion of Honors Algebra 2 with a grade of "B"(not B-) or higher BOTH semesters

Honors Pre-Calculus is a one-year course for students who have demonstrated an aptitude for mathematics and have been very successful in previous Honors level mathematics classes. This mathematically rigorous course provides talented students with an environment rich in applications and problem solving. Emphasis first semester is placed upon trigonometric functions and their graphs as well as trigonometric identities, trigonometric equations, vectors, and the solving of triangles. During second semester, students will study polynomial, rational, exponential, and logarithmic functions, conic sections, matrices, sequences, series, and probability. Only students receiving a grade of B or higher in Honors Pre-Calculus with Trigonometry are eligible to enroll in Honors Calculus the next school year.
AP® CALCULUS
Full Year
1/2 credit per semester
SLU Dual Credit Course

Open to juniors and seniors
Prerequisite: Completion of Honors Pre-Calculus with Trig with a grade of "B" or higher both semesters

AP® Calculus is an engineering-based one-year course designed to prepare the mathematically talented student for success in the fields of mathematics, engineering or the sciences at any major four-year college or university. Successful completion of AP® Calculus affords students the opportunity to receive dual credit through St. Louis University or to take the Advanced Placement (AP®) AB-Calculus Test. Concepts will be developed from a strong theoretical base. Understanding will emphasized as well as practical applications from engineering and the sciences. Continuity and limits of functions will be studied and used to provide the theory base for the development of other concepts. First semester will focus upon concepts related to the differentiation of a function, including derivative rules, the chain rule, implicit differentiation, local linearization, and related rate and min/max problems. Transcendental functions will be introduced early in the course and used throughout. Integration theory and its applications will be the focus in the second semester. The Fundamental Theorem of Calculus will be explored, rules for integration and integration techniques will be studied. A variety of applications will be considered, including volumes of solids of revolution, surface areas of solids, as well as separable differential equations. Strategies will explore these concepts from numerical, graphical, and analytical perspectives. Each student will be required to have a TI-84 model graphing calculator for daily use.
**HONORS CHAMBER ENSEMBLE**

1 Semester (Fall) 1/2 credit  
Open to sophomores, juniors and seniors  
**Prerequisite:** Blind Audition

A one-semester course focusing on highest levels of vocal musicianship. Advanced theory, large variety of vocal styles including acapella and heavy foreign language. Voicing range from SATB to SSSAAATTBBB. Madrigals is encompassed within this group. All students enrolled in Honors Chamber Ensemble must audition for ILMEA, participate in up to 10 madrigal outreach performances during the school year, and attend a variety of required events outside of the regular school day. All members are required to study privately. Students must be enrolled in the Honors Chamber Ensemble of the previous fall to be eligible for Honors Chamber Ensemble.

Enrollment in the choir program offers a variety of performances and travel opportunities. Previous trips include:
- 2016 – Disney Land, Los Angeles
- 2014 – New York City, New York
- 2011 – Festival Disney – Orlando, Florida
- 2009 – New York City, New York
- 2005 – Honolulu, Hawaii
- 2003 – Branson, Missouri
- 2001 – Orlando, Florida

During the school year, students will be participating in the following mandatory performances and include:
- Community Outreach Performances
- Jazz Choir Festivals
- IHSA Organizational Contest
- Spring Concert
- Spring Pops Concert

Opportunities for participation will include:
- Great Expectations Mixed Show Choir
- Spring Musical
- IHSA Solo/Ensemble Contests
- ILMEA Festivals and All-State Choirs
- Festival Trips (destination to be determined)

**SPRING CHAMBER ENSEMBLE**

1 Semester (Spring) 1/2 credit  
Open to sophomores, juniors and seniors  
**Prerequisite:** Blind Audition

A one-semester course focusing on highest levels of vocal musicianship. Advanced theory, large variety of vocal styles including acapella and heavy foreign language. Voicing range from SATB to SSSAAATTBBB. Jazz Choirs are encompassed within this group. All students enrolled in Spring Chamber Ensemble must audition for ILMEA, and attend a variety of required events outside of the regular school day. All members are required to study privately. Students must be enrolled in the Honors Chamber Ensemble of the previous fall to be eligible for Spring Chamber Ensemble.

Enrollment in the choir program offers a variety of performances and travel opportunities. Previous trips include:
- 2016 – Disney Land, Los Angeles
- 2014 – New York City, New York
- 2011 – Festival Disney – Orlando, Florida
- 2009 – New York City, New York
- 2005 – Honolulu, Hawaii
- 2003 – Branson, Missouri
- 2001 – Orlando, Florida

During the school year, students will be participating in the following mandatory performances and contests:
- Feeder School Concert
- Winter Concert

**TREBLE CHOIR**

Full Year 1/2 credit per semester  
Open to sophomores, juniors and seniors  
**Prerequisite:** None

A full-year course focusing on vocal fundamentals, basic theory, and good musicianship through the performance of a wide variety of musical styles. Begins with SSA voicing. Rehearsal and performance times scheduled outside of the regular school day are mandatory for all enrolled students.

Enrollment in the choir program offers a variety of performances and travel opportunities. Previous trips include:
- 2016 – Disney Land, Los Angeles
- 2014 – New York City, New York
- 2011 – Festival Disney – Orlando, Florida
- 2009 – New York City, New York
- 2005 – Honolulu, Hawaii
- 2003 – Branson, Missouri
- 2001 – Orlando, Florida

During the school year, students will be participating in:
- Community Outreach Performances
- Jazz Choir Festivals
- IHSA Organizational Contest
- Spring Concert
- Spring Pops Concert

Opportunities for participation will include:
- Great Expectations Mixed Show Choir
- Spring Musical
- IHSA Solo/Ensemble Contests
- ILMEA Festivals and All-State Choirs
- Festival Trips (destination to be determined)
IHSA Organizational Contest
Spring Concert
Spring Pops Concert

Opportunities for participation will include:
Great Expectations Mixed Show Choir
Madrigal Dinner Concert
Spring Musical
IHSA Solo/Ensemble Contests
ILMEA Festivals and All-State Choirs
Festival Trips (destination to be determined)

CONCERT CHOIR
Full Year 1/2 credit per semester
Open to sophomores, juniors and seniors
Prerequisite: Audition

A full-year course focusing on perfecting fundamentals, intermediate theory, and good musicianship through the performance of a wide variety of musical styles. Moderate amount of singing in foreign languages. Begins with SATB voicing. Rehearsal and performance times scheduled outside of the regular school day are mandatory for all enrolled students.

Enrollment in the choir program offers a variety of performances and travel opportunities. Previous trips include:
2016 – Disney Land, Los Angeles
2014 – New Yrok City, New York
2011 – Festival Disney – Orlando, Florida
2009 – New York City, New York
2005 – Honolulu, Hawaii
2003 – Branson, Missouri
2001 – Orlando, Florida

During the school year, students will be participating in the following performances and contests:
Feeder School Concert
Winter Concert
IHSA Organizational Contest
Spring Classical Concert
Spring Pops Concert

Opportunities for participation will include:
Great Expectations Mixed Show Choir
IHSA Solo/Ensemble Contests
Madrigal Dinner Concert
Spring Musical
Festival Trips (destination to be determined)

FRESHMAN CONCERT BAND
1 Semester (Spring) 1/2 credit
Open to all freshmen
Prerequisite: Instrumental performance experience, fall Concert Band or Marching Band enrollment in the current year

This course is offered in the spring. Freshmen band students must enroll in Freshmen Concert Band if they are not placed in Honor Wind Ensemble. All colorguard members who are incoming band members are required to enroll in Concert Band in the spring (unless placed in Wind Ensemble). Performances include four spring semester concerts as well as participation in the Illinois High School Association Organization contest. Students may elect to participate in the Illinois High School Association Solo and Ensemble contest (March). Membership in the program allows for a variety of performance experiences and travel opportunities.

All members will be required to pass Music Requirements each quarter and must participate in playing exams. First chair members are required to participate in IHSA Solo and Ensemble Contests, and all members are encouraged to study privately.

FRESHMAN CHOIR
Full Year 1/2 credit per semester
Open to all freshmen
Prerequisite: None

A full-year academic course focusing on good musicianship through the performance of a wide variety of musical styles. Begins with SAB voicing. In addition to performance expectations, students will also study introductory music theory, sight-singing techniques, and music history. Rehearsal and performance times scheduled outside of the regular school day are mandatory for all enrolled students.

Enrollment in the choir program offers a variety of performances and travel opportunities. Previous trips include:
2016 – Disney Land, Los Angeles
2014 – New Yrok City, New York
2011 – Festival Disney – Orlando, Florida
2009 – New York City, New York
2005 – Honolulu, Hawaii
2003 – Branson, Missouri
2001 – Orlando, Florida

During the school year, students will be participating in the following performances and contests:
Feeder School Concert
Winter Concert
IHSA Organizational Contest
Spring Classical Concert
Spring Pops Concert

Opportunities for participation will include:
Great Expectations Mixed Show Choir
IHSA Solo/Ensemble Contests
Madrigal Dinner Concert
Spring Musical
Festival Trips (destination to be determined)

MARCHING BAND
School Association Organization contest. Students may perform at all home football games in addition to MANY show and parade competitions. This course is offered during the fall only. Travel opportunities for members have included:

- 2017 – Orange Bowl Parade – Miami, Florida
- 2015/2016 – Rose Parade – Pasadena, California
- 2014 – New York City, New York
- 2011 – Honolulu, Hawaii
- 2010 – Festival Disney – Orlando, Florida
- 2008 – Fiesta Bowl – Tempe, Arizona
- 2007 – Liberty Bowl – Memphis, Tennessee
- 2005 – Fiesta Bowl Parade – Tempe, Arizona
- 2003 – Boscov’s Thanksgiving Day Parade - Philadelphia, Pennsylvania
- 2001 – Orange Bowl Parade – Miami, Florida
- 1999 – Macy’s Thanksgiving Day Parade – New York, New York
- 1998 – Boscov’s Thanksgiving Day Parade – Philadelphia, Pennsylvania
- 1997 – Rose Bowl Parade – Pasadena, California

All rehearsals and performances, both during class and outside of the school day, are mandatory. All members are required to pass Music Requirements each quarter and must pass drill and playing exams. Attendance at all performances is required and evaluated as part of the course grade. Members are highly encouraged to study privately and participate in ILMEA activities. All marching band students must be enrolled in Freshman Concert Band, Symphonic Band, Symphonic Winds, or Wind Ensemble during the spring semester. All colorguard members that are instrumentalists must also be enrolled in a spring concert band.

**SYMPHONIC BAND**

1 Semester (Spring) 1/2 credit

*Open to all levels*

*Prerequisite: Must participate in summer parade and field band activities*

Practices and parade appearances are scheduled throughout June and August. In the fall, the members perform at all home football games in addition to MANY show and parade competitions. This course is offered during the fall only. Travel opportunities for members have included:

- 2017 – Orange Bowl Parade – Miami, Florida
- 2015/2016 – Rose Parade – Pasadena, California
- 2014 – New York City, New York
- 2011 – Honolulu, Hawaii
- 2010 – Festival Disney – Orlando, Florida
- 2008 – Fiesta Bowl – Tempe, Arizona
- 2007 – Liberty Bowl – Memphis, Tennessee
- 2005 – Fiesta Bowl Parade – Tempe, Arizona
- 2003 – Boscov’s Thanksgiving Day Parade - Philadelphia, Pennsylvania
- 2001 – Orange Bowl Parade – Miami, Florida
- 1999 – Macy’s Thanksgiving Day Parade – New York, New York
- 1998 – Boscov’s Thanksgiving Day Parade – Philadelphia, Pennsylvania
- 1997 – Rose Bowl Parade – Pasadena, California

All rehearsals and performances, both during class and outside of the school day, are mandatory. All members are required to pass Music Requirements each quarter and must pass drill and playing exams. Attendance at all performances is required and evaluated as part of the course grade. Members are highly encouraged to study privately and participate in ILMEA activities. All marching band students must be enrolled in Freshman Concert Band, Symphonic Band, Symphonic Winds, or Wind Ensemble during the spring semester. All colorguard members that are instrumentalists must also be enrolled in a spring concert band.

**SYMPHONIC WINDS**

1 Semester (Spring) 1/2 credit

*Open to all sophomores, juniors and seniors*

*Prerequisite: Instrumental performance experience, fall Concert Band or Marching Band enrollment in the current year, along with an audition.*

This course is offered during the spring semester. Band students either enroll for a semester of Concert Winds (Smiley Campus) if they are not enrolled in Marching Band in the fall semester. Performances include four spring semester concerts as well as participation in the Illinois High School Association Organization contest, Illinois State Concert Band Festival, and Superstate Festival. Students are required to audition for the Illinois Music Educators Association District Festival (October) and elect to participate in the Illinois High School Association Solo and Ensemble Contest (March). Membership in the program allows for a variety of performance experiences and travel opportunities.

All members will be required to pass Music Requirements each quarter and must participate in playing exams. First chair members are required to participate in IHSA Solo and Ensemble Contests, and all members are encouraged to study privately and participate in ILMEA activities.

**HONORS WIND ENSEMBLE**

1 Semester (Spring) 1/2 credit

*Open to all levels*

*Prerequisite: Blind audition (December of the previous school year) and participation in Marching Band*

This course is offered during the spring semester only. Students wishing to participate in Wind Ensemble must register for Marching Band in the fall and must pass a qualifying audition. Freshmen will be bused to the Smiley campus for this course.

Performances include four spring semester concerts as well as participation in the Illinois High School Association Organization contest, Illinois State Concert Band Festival, and Superstate Festival. Students are required to audition for the Illinois Music Educators Association District Festival (October) and elect to participate in the Illinois High School Association Solo and Ensemble Contest (March). Membership in the program allows for a variety of performance experiences and travel opportunities.

All members will be required to pass Music Requirements each quarter and must participate in playing exams. All members are required to study privately and participate in
ILMEA activities. Students will be assigned additional projects and given a variety of performance opportunities to fulfill the Honors credit.

**DUAL-CAMPUS CONCERT WINDS**

1 Semester (Fall) 1/2 credit
*Open to all freshmen, sophomore, junior and senior musicians who do not participate in Marching Band*

Prerequisite: Instrumental performance experience

This course is designed for all wind players in the OTHS Band program who do not plan to participate in Marching Band. Concert Winds is offered during the fall semester. Students will rehearse at separate campuses, with a combined rehearsal before concerts. Performance techniques and a variety of wind repertoire will be studied. In addition, the fall band ensemble will participate in two fall concerts and school music events throughout the semester.

All members will be required to pass Music Requirements each quarter and pass playing exams. Attendance at all performances is mandatory, and members are strongly encouraged to study privately and participate in ILMEA activities.

**BEGINNING GUITAR/MUSIC APPRECIATION**

1 Semester (Fall) 1/2 credit
*Open to sophomores, juniors and seniors*

Prerequisite: None

This course is open to sophomores, juniors, and seniors. The course will provide positive Music Appreciation experience through the development of beginning guitar performance skills. This course will provide a comprehensive study in notation of natural notes in first position, reading simple rhythms, straight right hand strumming techniques, tuning, music symbols, simple music forms, and reading from a lead sheet or score. This approach will allow students with little to no previous musical experience to experience music in its purest environment.

**AP® MUSIC THEORY**

1 Semester (Fall) 1/2 credit
*Open to sophomores, juniors and seniors*

Prerequisite: Concurrent registration in Band or Choir, or instructor approval

AP® Music Theory is open to students in grades 10 to 12 who are concurrently enrolled in Band or Choir. The course meets during the fall semester and earns academic credit. The course content includes fundamental concepts, which constitute the traditional basis of music theory, beginning with sound production and ending with part writing, analysis and form, and music history. In addition, the student is introduced to the techniques involved in the process of taking melodic and rhythmic dictations, as well as a large variety of additional exercises to improve the individual’s aural skills. All of the knowledge gained and skills developed are related to the outcomes listed in the Illinois Learning Standards. In accordance with the materials produced by the College Board, the advanced content for this course will be presented in a sequential manner. Sample AP® questions are presented throughout the course, including sight-singing exercise. In addition, the AP® term list provided as a reference will be used to make sure that all major concepts are covered throughout the term of this course.

**JAZZ BAND**

1 Semester – early bird (Spring) 1/2 credit
*Open to sophomores, juniors and seniors*

Prerequisite: Concurrent registration in Band or Choir, and instructor approval

This course will provide advanced instruction in jazz related rhythms, tone, style, concepts, scales (chords), listening skills, and improvisation. Emphasis is on ensemble skills, style development, and sight reading. Various workbooks, videos and audio recordings would be utilized to create a formal study of jazz appreciation and listening skills. In addition, this course is designed to develop confidence in independent playing and the art of improvisation. There would be study of scales, chords, and combo playing.
PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION
1 Semesters 1/2 credit per semester
Open to all levels
Prerequisite: None

Core Courses

- Freshman Physical Education – Includes six (6) freshman-specific activities
- Sophomore/ Junior/ Senior Physical Education- Includes six (6) upperclassmen- specific activities

As an outgrowth of physical well-being, all activities in life are determined. Our aims are compatible to those of general education, providing experience through a variety of physical activities that place students in situations, which offer physical, mental, social and emotional involvement. Students’ reactions to those situations are directed toward socially-acceptable standards for a richer and more complete adult life. Courses range from requirements to individual selections.

The following is a list of activities used to accomplish the goals projected for the next four years. Except where otherwise indicated, all of the activities are offered to both boys and girls.

Team Sports – Soccer, Speed-a-way, Field Hockey, Basketball, Power Volleyball, Softball, Flag Football

Individual Activities – Archery, Golf, Tennis, Self Defense, Track and Field, Bowling, Badminton, Weight Lifting, Wrestling

Intramurals – Archery, Swimming, Tennis, Basketball, Bowling, Ping Pong, Softball, Badminton, Volleyball, *Flag Football (boys only)

Recreation – Table Tennis, Horseshoes, Croquet, Recreational Games

Dance/Rhythm – Square Dance, Lummi Sticks, Tinikiling, Rope Jumping

ADAPTIVE PHYSICAL EDUCATION
Open to all levels 1/8 credit
Prerequisite: Department Chair consent

This class is physical education for students who may have chronic diseases, physical disabilities, and verbal or mental impairments. Emphasizes the benefits of fitness, recreation and rehabilitation.

INTER-SCHOLASTIC ATHLETICS
Open to any OTHS student who has passed four (4) or more academic classes the previous semester
Prerequisite: None

Fall – Boys’ Cross Country, Football, Soccer, and Golf;
Girls’ Tennis, Volleyball, Cross Country and Golf

Winter – Boys’ Basketball and Wrestling;
Girls’ Basketball and Wrestling

Spring – Boys’ Track, Tennis, and Baseball;
Girls’ Track, Softball and Soccer

The girls’ program also includes Cheerleading and Pompon squads.

ELECTIVE COURSES

Total Body Fitness
Open to sophomore, junior, and senior females
Prerequisite: Completion of freshman Physical Education or Health Education

This is a semester course offered to female students in grades 10, 11, & 12. Total Body Fitness is intended for the student who is sincerely interested in improving or maintaining her overall fitness level. The class includes physical workouts in cardio, muscular strength and endurance, flexibility, and balance, along with instruction on basic fitness concepts. A variety of physical workouts are offered in order to help the student achieve fitness goals. This training includes aerobics, steps, cardio-walking, circuit/station training, weights, and plyometric. Students will be able to develop personalized fitness programs and achieve their goals by applying the Principles of Progression, Overload, Frequency, Intensity, and Time.

SPORTS P.E.
Open to sophomores, juniors and seniors currently involved with an athletic program at OTHS
Prerequisite: Recommendation of Varsity coach (must be participating in IHSA-sanctioned sport)

Sports P.E. is physical education designed to enhance the physical production of our students participating in IHSA interscholastic activities. The course consists of physical strength training broken down into three phases and plyometric circuit training to enhance the athletes’ speed and agility. A variety of other topics related to athletics are covered, including: college preparation, NCAA clearinghouse information, collegiate contacts, and recruiting guidelines, body mass index, body fat percentage, nutritional values of an athlete, and the pros and cons of nutritional supplements.
The O’Fallon Township High School science curriculum offers a variety of courses designed to meet the needs of all students. Students are required to complete two years of science by the end of their junior year. The two required years of science must include one Life science course and one Physical Science course. After meeting this requirement, students are encouraged to take additional science courses.

Many OTHS science courses have prerequisites. Consult the course descriptions for prerequisites and descriptions for all science courses.

**FIRST-YEAR SCIENCE COURSES**

**Life Science Courses:** Biology 1, Honors Biology 1

**Physical Science Courses:** Physical/Earth Science

**SECOND-YEAR SCIENCE COURSES**

**Life Science Courses:** Biology 1, Integrated Life Science

**Physical Science Courses:** Physical/Earth Science, Geology 1, Chemistry 1, Honors Chemistry 1, Physics 1

**ADDITIONAL SCIENCE COURSES**

(These courses may be taken after meeting the two-year science requirement, assuming other prerequisites are met.)

**Life Science Courses:** Biology 1, Integrated Life Science, Environmental Science, Human Anatomy & Physiology, AP Biology

**Physical Science Courses:** Physical/Earth Science, Geology 1, Chemistry 1, Honors Chemistry 1, Chemistry 2, AP Chemistry, Physics 1, AP Physics 1, AP Physics 2

**PHYSICAL SCIENCE COURSE OFFERINGS**

**PHYSICAL/EARTh SCIENCE**

Full Year (Physical) 1/2 credit per semester

Open to all levels

**Prerequisite: None**

Physical/Earth Science is a course designed to give introductory students an understanding of basic Physical Science concepts. The topics of motion, energy and matter will be taught and reinforced by analyzing the interaction of these concepts with Earth Science. The Earth Science concepts of planetary systems, weather and physical processes will be related to current events and information along with the relationship humans have with the environment. Lab work will be inquiry based and used to reinforce the concepts presented in class. This framework will create a comprehensive understanding of and appreciation for the physical workings of the Earth.

**GEOLOGY 1**

Full Year (Physical) 1/2 credit per semester

Open to sophomores, juniors and seniors

**Prerequisite: Successful completion of a first-year life science course**

Geology 1 is designed for average science students who have an interest in the earth and earth processes. The course will focus on four general areas of study: Earth Materials, Interpretation of the Earth’s Surface, Physical Geology, and Earth’s History. The course has been designed to be a hands-on, activity-centered course with the teacher supplying background information. During the course, the students will use various techniques (specimen study, maps, in-class activities, etc.) to reinforce information about geologic principles.
Chemistry 1  
Full Year (Physical)  
1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: Successful completion of a first-year life science course AND completion of Advanced Algebra 1 with a grade of “C” or better, Accelerated Algebra 1 with a grade of “C” or better, or Honors Algebra 1 with a grade of “C” or better  
Chemistry 1 is a one-year course dealing with the study of matter, its forms, and changes. It is a highly-recommended college preparatory course. The Chemistry 1 curriculum is structured to enhance students’ problem solving skills. Areas covered include matter, atomic structures, equations, mass relationships, gas laws, solution chemistry and qualitative analysis. A significant amount of class time will be spent performing laboratory activities designed to reinforce these concepts. These activities are also designed to improve critical thinking and science reasoning skills. A strong mathematics background is critical to student success in this course.

Honors Chemistry 1  
Full Year (Physical)  
1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: Successful completion of a first-year life science course AND Honors Algebra 1 or Honors Geometry with a grade of “B” or better  
Honors Chemistry 1 is a first year chemistry course designed to prepare students who plan on taking AP Chemistry. Honors Chemistry 1 encompasses all areas of study and laboratory work as Chemistry 1, but with a much more accelerated level of difficulty and pace. Expanded areas of study including acid-base equilibria and gas laws require the student to have a much greater depth in problem solving ability and higher mathematical skills. Additional areas covered include introduction to nuclear chemistry, organic chemistry, and reaction kinetics.

Chemistry 2  
Full Year (Physical)  
1/2 credit per semester  
Open to juniors and seniors  
Prerequisite: Completion of Chemistry 1 with a grade of “C” or better OR Chemistry 1 teacher consent  
Chemistry 2 is designed for students who have successfully completed Chemistry 1. It is a continuation of Chemistry 1 with an emphasis on the following concepts: solution chemistry, chemical kinetics, chemical equilibrium, acid base chemistry, gas laws, nuclear chemistry, thermodynamics, organic chemistry and qualitative analysis. Active learning strategies will be employed throughout the course. Inquiry-based laboratory activities will reinforce all topics covered. Students will be introduced to APA-formatting for research papers. Practical applications of chemistry will be discussed in relationship to careers in chemistry and other relevant topics.

AP Chemistry  
Full Year (Physical)  
1/2 credit per semester  
Open to juniors and seniors  
Prerequisite: Completion of Honors Chemistry 1 with a grade of “B” or better OR Chemistry 1 with a grade of “A” and Chemistry 1 teacher consent  
AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. The course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. They are: Big Idea 1: Structure of matter  
Big Idea 2: Properties of matter—characteristics, states, and forces of attraction  
Big Idea 3: Chemical reactions  
Big Idea 4: Rates of chemical reactions  
Big Idea 5: Thermodynamics  
Big Idea 6: Equilibrium  
Special emphasis will be placed on the seven science practices, which capture important aspects of the work scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course.

Physics 1  
Full Year (Physical)  
1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: Completion of or concurrent enrollment in Advanced Algebra 2 or Honors Algebra 2 AND successful completion of a first-year life science course  
Physics 1 is a two-semester course exploring the workings of the physical universe. Physics 1 is a highly-beneficial college preparatory course. This course is designed to prepare students who will be taking physics in college. However, due to the incorporation of higher level thinking skill, physics will be a benefit to any student planning to attend college. Topics covered include: vectors, motion, mechanics, thermodynamics, electrostatics, electric circuits, magnetism, and optics. Labs and projects constitute a significant portion of the class. Students will be introduced to a variety of scientific equipment and tools. Successful completion of the first semester is required to continue on to the second semester.
AP® PHYSICS 1
Full Year (Physical) 1/2 credit per semester
SLU Dual Credit Course
Open to juniors and seniors
Prerequisite: Completion of or concurrent enrollment in Trigonometry or Honors Pre-Calculus OR concurrent enrollment in Honors Algebra 2 AND physics instructor consent

AP® Physics 1 is a two semester course in which students will explore science practices as they cultivate an enduring understanding of physics and the fundamental physical universe. This course is designed for students with a strong math background and an interest in pursuing a career in a science, engineering, or technology field. Topics covered include: Kinematics, Dynamics: Newton’s Laws, Circular motion and gravitation, Simple harmonic motion, Impulse and momentum, Work and energy, Electrostatics, DC Circuits, and Mechanical Waves and Sound. Inquiry based labs and projects will constitute a significant portion of the class. Through inquiry based learning, students will develop critical thinking and reasoning skills, as defined by the AP Science Practices.

AP® PHYSICS 2
Full Year (Physical) 1/2 credit per semester
Open to juniors and seniors
Prerequisite: Completion of AP® Physics 1 OR Physics 1 with a grade of “A” and Physics instructor consent.

AP® Physics 2 is a two semester course which continues the course of study began in AP® Physics 1. Students will develop analytical and reasoning skills which to support future advanced coursework in the sciences. This course is designed for students with a strong math background and an interest in pursuing a career in a science, engineering, or technology field. Topics covered include: Thermodynamics, Fluid statics and dynamics, Electrostatics: electric force, electric field and electric potential, DC Circuits and RC Circuits, Magnetism and Induction, Geometric and physical optics, and Quantum physics: atomic and nuclear physics. Inquiry based labs and projects will constitute a significant portion of the class. Through inquiry based learning, students will develop critical thinking and reasoning skills, as defined by the AP® Science Practices.

PHYSICS 2
Full-Year (Physical) 1/2 credit per semester
Open to juniors and seniors
Prerequisite: Completion of AP® Physics 1 or Physics 1 with a grade of “C” or better

Physics 2 is a two-semester course that continues the course of study began in Physics 1. It is a highly beneficial college preparatory course and is designed for the student with an interest in math, engineering and the physical sciences. Topics include: engineering statics, fluids, harmonic motion, waves, sound and music, gravitation and astronomy, optics, mechanics, thermodynamics, electrostatics, nuclear physics, and solid-state electronics. Labs and projects constitute a significant portion of the class. Students will be introduced to a variety of scientific equipment and tools.
**LIFE SCIENCE COURSE OFFERINGS**

**BIOLOGY 1**
*Full Year (Life)*  
1/2 credit per semester  
*Open to all levels*

Prerequisite: Completion of or enrollment in a math course above Algebra I-A

Biology 1 is designed to provide students with introductory knowledge of fundamental biological principles and a general understanding of life. The natural progression from cells to simple organisms, to more complex organisms, and ultimately to man will be explored. Students will learn about interrelationships of living things and their environmental adaptations. Students will also gain understanding of the significance and importance of biological concepts to human welfare. Students will complete laboratory exercises that reinforce the lecture material and stimulate their interests in biology and other sciences.

**HONORS BIOLOGY 1**
*Full Year (Life)*  
1/2 credit per semester  
*Open to freshmen*

Prerequisite: Invitation only based on EXPLORE science test and teacher recommendation AND concurrent enrollment in Honors Algebra 1

Honors Biology I is designed to provide advanced students with a thorough understanding of biological principles and a comprehensive understanding of life. The course will cover a range of topics, including cellular structure and genetics, plant and animal classifications, microbiology, ecology, biochemistry, vertebrate and invertebrate anatomy, and plant structure and function. This course utilizes discussion, laboratory exercises, and hands-on activities all designed to stimulate interest and appreciation for biology and its importance to man.

**AP® BIOLOGY**
*Full Year (Life)*  
1/2 credit per semester  
*Open to juniors and seniors*

Prerequisite: Completion of Chemistry 1 with a grade of “C” or better OR Honors Chemistry 1 with a grade of “C” or better AND Honors Biology 1 with a grade of “B” or better OR Biology 1 with a grade of “A”

AP® Biology is an introductory college-level biology course for the above average student. The course is designed to allow students to cultivate their understanding of biology through a variety of means including direct instruction, case studies, and inquiry-based laboratory investigations. Topics covered include evolution, ecology, cellular processes — energy and communication, genetics, information transfer, and systems interactions. Students will develop the ability to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. Focus is placed on reading technical literature, scientific writing, improving study skills, and development of critical thinking.

The course provides the necessary background for success on the Advanced Placement Biology Examination and SAT science subject area test. For students desiring college credit, students may elect to enroll for four semester hours of credit at Saint Louis University through the 1818 Dual Credit Program.

**HUMAN ANATOMY & PHYSIOLOGY**
*Full Year (Life)*  
1/2 credit per semester  
*Open to juniors and seniors*

Prerequisite: Completion of Honors Biology 1 with a grade of “C” or better OR Biology 1 with a grade of “B” or better OR Biology 1 teacher recommendation

Human Anatomy & Physiology is an intensive college-level course for the able and ambitious student interested in the medical sciences who has successfully completed a first course in biology. The aim of this course is to provide the average to above-average student with the concepts, facts and skill necessary to deal with the rapidly changing science of human anatomy/physiology. The extensive laboratory work involved is designed to encourage problem solving and to reinforce the concepts presented in class. This one-year course moves through the human body system by system, focusing on both normal and abnormal functioning.

**INTEGRATED LIFE SCIENCE**
*Full Year (Life)*  
1/2 credit per semester  
*Open to sophomores, juniors and seniors*

Prerequisite: None

Integrated Life Science is a hands-on, laboratory-based course designed to explore the fundamental principles of the life sciences. It is designed for students seeking a life science course with less in-depth analysis of topics than Biology 1. Students will develop an understanding of the basic life science topics, include cellular structure and function, genetics, and classification. In addition, the course will explore and integrate the more broad based topics in the life sciences, including human anatomy/physiology and health, marine biology, animal behavior, and ecology. Integrated Life Science students will also continue to develop critical thinking and...
laboratory skills necessary for success in future science courses as well as in college coursework.

ENVIRONMENTAL SCIENCE
1 or 2 Semesters (Life) 1/2 credit per semester
Open to juniors and seniors
Prerequisite: Successful completion of a first-year physical science course AND successful completion of a first-year math class.

Environmental Science is designed to introduce the student to the interrelationship of man and his natural environment. The course provides the student with a background study of Ecology, renewable vs. nonrenewable resources, biomes, field ecology, environmental issues, and interactions between living and non-living units of ecosystems. Calculation, evaluation, and use of basic statistics, and proper use of the scientific method are emphasized throughout the course. Semester one topics include man’s environmental historical impacts, making and evaluating environmental decisions, plate tectonics, global warming, water cycle, evolution by natural selection, biodiversity, mineral cycling, energy transfer and food webs, succession, and land biomes. Semester two topics include aquatic biomes, population ecology, human population trends, maintaining biodiversity/extinction trends, water management/pollution, air pollution, ozone depletion, land use/land management, sustainable agriculture, mining and nonrenewable resources, renewable resources as alternatives, landfill and hazardous waste, human health concerns and biohazards, and environmental politics.
**LAB ASSISTANT AND INDIVIDUALIZED INSTRUCTION**

**SCIENCE LABORATORY ASSISTANT**
1 Semester
1/4 credit per semester
Open to juniors and seniors
2 Semester Limit
Prerequisite: Successful completion of advanced-level course works in the field of science in which the student will assist AND written consent from the instructor who they will assist

No more than two laboratory assistants will be assigned to any science teacher during a given period. Student laboratory assistants will be required to aid the teacher in preparation for instruction in the classroom and to assist the teacher in the preparation, organization, maintenance, distribution, and storage of laboratory materials and equipment.

*Note: In order for a student to be a Lab Assistant, it must be their sixth class.*

**SCIENCE INDIVIDUALIZED INSTRUCTION**
1 Semester
1/2 credit per semester
Open to juniors and seniors
2 Semester Limit
Prerequisite: Completion of advanced-level course work in the field of science in which the student will work AND written consent from the instructor who will oversee the work and assign a grade

No more than one individualized instruction student will be assigned to any science instructor during a given semester. Students will be required to select a topic for scientific study and research. Laboratory work MUST be a component of the study. The assigned science instructor must approve the topic and project for research during the first four weeks of the semester. A written contract, specifying work to be completed and criteria for grading, report to the instructor summarizing conclusions reached through their research. After grading, a copy of this report will be placed on file with the department chairperson and will be available for perusal by any member of the science department.
SOCIAL STUDIES DEPARTMENT
COURSE SEQUENCE RECOMMENDATIONS

12th grade
Elective Course
(Fall and/or Spring)
Graduation requirements for social studies:
Five semesters of social studies are required for all students including either one semester of Civics at the freshman year or one semester of American Government during the sophomore, junior, or senior year and two semesters of United States History during the sophomore, junior or senior years.

**Freshman Level**
- Civics
- Early American History
- Social Issues
- World Geography

**Sophomore Level**
- American Civil War & Reconstruction - A Nation Divided
- American Government
- Area Studies*
- International Relations
- The American Legal System
- United States History A and B
- Western Civilization*

**Junior Level**
- United States History A and B
- AP® United States History A and B
- American Civil War & Reconstruction - A Nation Divided
- American Government
- Area Studies*
- Honors Economics
- International Relations
- Sociology
- The American Legal System
- The Sixties in America
- Western Civilization*

**Senior Level**
- American Civil War & Reconstruction - A Nation Divided
- American Government
- Area Studies*
- Honors Economics
- International Relations
- Psychology
- AP® Psychology
- Sociology
- The American Legal System
- The Sixties in America
- United States History A and B
- AP® United States History A and/or B
- Western Civilization*

*Civilization and Area Studies may be taken three different times as different content is studied in a three-year rotation.

**Civics**
1 Semester
1/2 credit
*Open to freshmen*
*Prerequisite: None*

Students taking Civics will acquire information and skills designed to promote effective participation in our society. Students will study the power, structure and decision making process of the different levels of government. Emphasis will also be placed upon the rights and freedoms protected by the Constitution as well as the limits and responsibilities associated with them. Through simulations and discussions, students will gain experience in political campaigns, lawmaking and court proceedings. Either Civics taken as a freshman or American Government taken as a sophomore, junior or senior is required for graduation.

*To meet graduation requirements, a student must pass this course to demonstrate the required comprehension of the United States Constitution and pass a specific test on the Illinois Constitution and Illinois government.*

**Early American History**
1 Semester
1/2 credit
*Open to freshmen*
*Prerequisite: None*

This course provides the freshman student with a detailed background in the foundations of American history. It is designed as a study of American history from colonial times through the reconstruction and reunification of the United States following the Civil War. Social, political, military and economic achievements of earlier generations of Americans will be examined. Course requirements may include map work, tests, quizzes, book reports, projects, and other assignments made by the instructor. This course will serve as excellent preparation for the required U.S. History A course or the elective American Civil War & Reconstruction: A Nation Divided course.

**Social Issues**
1 Semester
1/2 credit
*Open to freshmen*
*Prerequisite: None*

This course is designed to inform students about various problems facing society today. Students will cover topics such as violent crime, the death penalty, the three strikes law, the abortion debate, teen pregnancy, euthanasia, terrorism, controversial technology, prejudice and discrimination, and the economy. Requirements will include group work, essays, quizzes, and possible projects.
WORLD GEOGRAPHY
1 Semester 1/2 credit
Open to freshmen
Prerequisite: None

World Geography will cover both physical and human geography concepts of the world. Different geographic themes will be utilized to enhance student understanding of the United States and other regions of the world. This course will create an understanding of the increased globalization of the world that will help students recognize the interdependence of the United States to other world powers and better prepare students for the other academic offerings of the social studies department. Students will learn about world cultures, regions, history, and study maps to learn about landforms, climates, resources, and topography.

WESTERN CIVILIZATION
1 Semester (Spring) 1/2 credit
Open to sophomores, juniors and seniors
Prerequisite: None

Students who have already had Western Civilization may enroll in this course in subsequent years and receive separate credit. Students who elect to take Western Civilization A, B, and C, will be well prepared and are encouraged to take the World History Advanced Placement Test during the spring of their senior year.

2018-2019
The Middle Ages and Europe in Transition – 500 A.D. – 1400

In this course the student will find out what it was like to live in a time when a strong arm and a sword were the only law. This age of barbarity and cruelty has been one of the most violent and long-suffering in the history of mankind. The role of the church and its religious beliefs and even superstitions will be examined. The nobles and their armed retainers will be seen as the true power of the Middle Ages tempered only slightly by a church which itself was more interested in money than morals. Find out what it was like to march on a crusade, work in a guild, sail on a Viking ship, pray in a monastery, or die on the rack. This course is a must for any that have ever been charmed by the idea of knights, castles, and fair ladies.
Kings, Conquerors and Explorers – 1400-1830

This course will deal with the birth of the national state. Out of the chaos of the Middle Ages, strong kings will unite peoples in more peaceable and ordered societies. Many of these cases of unification, however, will be accomplished with blood, iron, and conquest. Once nations are established, war does not cease, but is instead redirected from between small geographic areas to between the new national organs. Gradually during this period, a revival of the art, culture, and architecture of the ancient past will establish itself again in Europe. Great artists, leaders, and religious reformers such as Michelangelo, Henry VIII and Martin Luther will be surveyed. Having achieved a primitive level of educated humanity, the men of Europe will then strike out to establish their control over other parts of the world. Having developed advanced weapons and ships, such explorers as Columbus and Cabot made great inroads for European hegemony in far lands. The course will close with an examination of the French Revolution and Napoleon. One cannot understand the modern world without the understanding of the ideas and motivations of this great and changing period.

2019-2020
The World at War 1830-1945

This course is designed to give the student an understanding of the roots of modern Europe. Emphasis will be placed upon World War I and World War II with stress being placed upon leadership, military developments, and strategies. The primary concern of the class will be causes, outcomes, and aftermaths of almost two hundred years of constant warfare between European powers.
Post World War II Europe

Europe comes out of World War II with a diminished role in the world. This section investigates the Soviet Union’s “iron curtain” over the eastern half of Europe and the United States’ increasing involvement in Western Europe. Nuclear war threats, rebuilding of nations, and ethnic cleansing are just a few of the topics being covered.

2020-2021
The Middle Ages and Europe in Transition – 500 A.D. – 1400

In this course the student will find out what it was like to live in a time when a strong arm and a sword were the only law. This age of barbarity and cruelty has been one of the most violent and long-suffering in the history of mankind. The role of the church and its religious beliefs and even superstitions will be examined. The nobles and their armed retainers will be seen as the true power of the Middle Ages tempered only slightly by a church which itself was more interested in money than morals. Find out what it was like to march on a crusade, work in a guild, sail on a Viking ship, pray in a monastery, or die on the rack. This course is a must for any that have ever been charmed by the idea of knights, castles, and fair ladies.
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**AREA STUDIES**

1 Semester (Fall)  
Open to sophomores, juniors and seniors  
Prerequisite: None

Students who have already had Area Studies may enroll in this course in subsequent years and receive separate credit.

Specific areas of the world and their inter-relationships with the world are studied.

- **2018-2019** Russia – Eurasian States – Eastern Europe
- **2019-2020** Latin America – China – Japan
- **2020-2021** Middle East – North Africa

A general introduction will highlight the basic characteristics of the world in general today. Emphasis is placed on geography, population, economics, historical origins, and the culture of the specific regions under study. Notebooks are kept, national profiles are developed, biographies reviewed and case studies are evaluated from the different areas.

**INTERNATIONAL RELATIONS**

1 Semester (Fall)  
Open to sophomores, juniors and seniors  
Prerequisite: None

This course is a must for students that are interested in the world around us. International Relations is a semester study of the current disputes, controversies, problems and relationships that exist among the nations of the world. Students will examine current concerns, issues, historical influences and U.S. foreign policy in areas such as Europe, Russia, the Middle East, Latin America, Asia and Africa. In addition, students will study international diplomacy, the structure, function and limitations of the United Nations and worldwide concerns, such as the global environment, that impact all nations and their people.

**THE AMERICAN LEGAL SYSTEM**

1 Semester  
Open to sophomores, juniors and seniors  
Prerequisite: None

Students will study constitutional law as well as concepts related to criminal and civil law. The course will allow students to study the concepts of power, authority, liberty and equality found in the supreme law of the land, the U.S. Constitution. The three levels of the court system and their respective roles will also be covered. Emphasis will be placed on the role of the Supreme Court interpreting the Constitution and the major cases it has decided.

**Please note:** This course will not replace the United States Constitution requirement required by state law. That requirement can only be fulfilled by taking Civics or American Government.

**UNITED STATES HISTORY A AND B**

1 Semester Each  
1/2 credit per semester  
Open to sophomores, juniors and seniors  
Prerequisite: None. Students must successfully complete United States History A prior to enrolling in United States History B.

These are required courses designed as a survey of the history of the United States. United States History A will be a study of late 19th century American history through The Great Depression and New Deal (1930’s). United States History B will be a study of U.S. History from World War II to contemporary times. The courses will stress the important aspects of the social, political, military, and economic achievements of earlier generations of Americans. Course requirements may include mapwork, tests, quizzes, book reports, projects, and other assignments made by the instructor.

**AP® UNITED STATES HISTORY A AND B**

1 Semester Each  
1/2 credit per semester  
Open to juniors and seniors  
Prerequisite: Students must have achieved a cumulative GPA of 3.5 or better.  
Prerequisite for elective: Students may enroll in this course during either the fall and/or spring semesters as an elective offering for dual credit or preparation for the APUSH exam as long as they completed both semesters of the regular U.S. History courses earning the grade of “A”.

AP® U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP® U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. It is expected students who choose to enroll in this course, will be able to analyze and interpret a college-level
textbook and communicate, both written and verbally, at a college level.
In addition to meeting graduation requirements at OTHS, the course is designed to prepare students for the AP® United States History exam administered in May by the College Board for possible college credit. However, students are not required to take the exam as a part of the course. Students may also register with Saint Louis University’s 1818 program which awards college credit for the successful completion of each semester of the course. Both the AP® exam and the 1818 program require an extra fee paid to governing institution.

**AMERICAN CIVIL WAR & RECONSTRUCTION - A NATION DIVIDED**  
1 Semester (Fall)  
1/2 credit  
Open to sophomores who successfully earn a grade of “A” in Early American History. Open to juniors who successfully earned a grade of an A in Early American History or have successfully completed U.S. History A and B. Open to seniors that have successfully completed U.S. History A and B.

One of the most divisive and important events in American history, the American Civil War pitted countrymen against countrymen in the new and developing republic of the United States of America. Among the many issues at stake were the role of central government, state’s rights, slavery, and the fate of the Union itself, which had borne our fledgling nation through the American Revolutionary war and the War of 1812.

Grim, brutal, and utterly personal, the Civil War claimed more American lives than any other war fought before or since the founding of the United States. No other war contains such philosophical and emotional impact, since the issues and concerns that were on the hearts and minds of the politicians, statesmen, combatants, and ordinary citizens of the late nineteenth century can still be seen in evidence even in modern times.

This course attempts to summarize and present the major events and battles related to the American Civil War in chronological order. In addition, this course will set forth the major political issues and philosophies that set the stage for the Civil War, sustained the conflict, and continue to linger on to this day in the hearts and minds of Americans. Finally, a list of the major figures related to the Civil War will be presented to highlight each notable person's contributions to the struggle itself and to the overall development of our nation.

**HONORS ECONOMICS**  
1 Semester (Spring)  
1/2 credit  
Open to juniors and seniors  
Prerequisite: Students must have achieved a cumulative GPA of 3.0 or better

This class is a must for the high-achieving, highly-motivated college-bound student. The course is intended to introduce students to the key principles and concepts of economics. It serves as preparation for college-level course work in this area. The course will begin with a study of the factors of production (land, labor and capital), and a comparison of the various types of economic systems in existence today. Students will then move to an in-depth study of both microeconomic and macroeconomic concepts including demand, supply, the price system, market structures, taxation, government spending, measuring economic performance, the Federal Reserve System, and monetary policy.

**SOCIOLOGY**  
Semester  
Open to juniors and seniors  
Prerequisite: None

Sociology is a one semester course open to juniors and seniors. Initial emphasis is spent defining sociology and exploring the basic perspectives of the discipline. There is an emphasis on culture and society and how they have evolved and changed. These changes can be linked to the theoretic change in the discipline itself. The basic institutions will be explored from both a conflict and functionalism view. Current trends in sociological research will be explored. Group projects and role playing will assist in the understanding of group behavior.

**AMERICAN GOVERNMENT**  
1 Semester  
1/2 credit  
Open to sophomores, juniors and seniors (Priority will be given to seniors who need to meet graduation requirements)  
Prerequisite: None

American Government offers the students the chance to investigate a wide range of government actions, purposes, structures and problems from the international to the local level. The role of government and its effects on the freedom of the individual, and conversely, the duty and extent of the individual's influence on government are emphasized. Students are encouraged to simulate conditions and study problems facing various levels and branches of the United States Constitution and Illinois Constitution from a basic underlying theme throughout the course. Students will have to be informed of current events and be able to comment on them in class. This course is required for all students not taking Civics as a freshman. This course meets the requirements of Illinois Public Law 195 for graduation from a state-supported institution.

To meet graduation requirements, a student must pass this course to demonstrate the required comprehension of the United States Constitution and pass a specific test on the Illinois Constitution and Illinois government.
Psychology is a semester course open to seniors. It introduces students to a scientific understanding of human behavior. The following topics are explored in both theoretical and practical means: learning, intelligence, development, personality, mental health and social interaction. Experimentation will be implemented whenever possible to apply the theoretic concepts to the individual. Students are encouraged to pursue areas of special interest. For students desiring college credit, students may elect to enroll for three (3) semester hours of college credit through the dual credit program available through a local college.

AP® Psychology
1 Semester (Spring) 1/2 credit
Open to seniors
Prerequisite: Students must have achieved a cumulative GPA of 3.0 or better.

The AP® Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. It is expected students who choose to enroll in this course, will be able to analyze and interpret a college-level textbook and communicate, both written and verbally, at a college level.

The course is designed to prepare students for the AP® Psychology exam administered in May by the College Board for possible college credit. Taking the AP® exam requires an extra fee paid to the College Board. However, students are not required to take the exam as a part of the course. For students desiring college credit, students may also choose to enroll for three (3) semester hours of college credit through the dual credit program available through Southwest Illinois College.

The Sixties in America
1 Semester (Spring) 1/2 credit
Open to juniors and seniors
Prerequisite: Earned a passing grade in United States History B

This course is an elective course which will explore the political, economic, military, and cultural elements of one of the most turbulent periods of American history. The course will be structured around thematic units which will study in depth the vital areas of the decade’s history that overlap in one defining period. Units will include extensive study, research, and analysis of primary source documents and other relevant materials from the period about the Civil Rights and Black Power movements, Vietnam and its role in the Cold War, the social and political divide between conservatives and liberals in America, the emergence of cultural and social movements (Hippies, feminism, environmentalism, multiculturalism, etc.), and finally the impact of music and writings over the entire decade.
Offered at Milburn

- Appreciation of Literature (full year)
- World Literature (full year)
- Principles of Composition (1st semester)
- Senior Writing Seminar (1st semester)
- Appreciation of Rhetoric (full year)
- Written Communication (full year)
- Contemporary Themes in Literature (2nd semester)
- Theater Literature (2nd semester)
**Students must pass both semesters of math in order to move on to the next level.**
SPECIAL EDUCATION
SCIENCE FLOW CHART

Sophomore Year

Physical/Earth Science

Junior Year

Biology
APPRECIATION OF RHETORIC
Full Year  1/2 credit per semester
Freshman Level Course
Prerequisite: None
This course will continue to develop the students’ ability to produce written work. It will expose students to research, writing, and oral presentations. The course will cover everything from fundamental writing skills such as sentence and paragraph structure to research and presenting a variety of topics.

WRITTEN COMMUNICATION
Full Year  1/2 credit per semester
Sophomore Level Course
Prerequisite: None
This course will offer practice in essay writing will be the focus of this course. The writing process will begin with a review and practice of sentence structure and include skill writing such as extended paragraphs, compare-contrast, persuasive, and analysis papers.

APPRECIATION OF LITERATURE
Full Year  1/2 credit per semester
Freshman Level Course
Prerequisite: None
This course will continue to enhance a students’ ability to read and provide materials at individually differentiated levels. The course will cover a variety of short stories, nonfiction, plays, and novels that are organized by theme. Through vocabulary development and comprehension strategies, students will work toward grade level reading while developing skills to accommodate themselves.

WORLD LITERATURE
Full Year  1/2 credit per semester
Sophomore Level Course
Prerequisite: None
This course will continue to center around increasing students’ reading level and vocabulary. The class will give students the opportunity to experience and incorporate all elements of literacy while studying literature from around the world.

PRINCIPLES OF COMPOSITION
1 Semester  1/2 credit
Junior Level Course
Prerequisite: None
This course will continue to assist students in honing their writing skills. They will concentrate on the writing process for developing more clearly focused samples. Improvements upon structure of sentences and paragraphs will be focused on.

CONTEMPORARY THEMES IN LITERATURE
1 Semester  1/2 credit
Junior Level Course
Prerequisite: None
This course will continue to assist students in honing their writing skills. They will concentrate on the writing process for developing more clearly focused samples. Improvements upon structure of sentences and paragraphs will be focused on.

SENIOR WRITING SEMINAR
1 Semester  1/2 credit
Senior Level Course
Prerequisite: None
Senior Writing Seminar provides students the continued development of the writing process through creative and formal assignments. Students write about personal experiences as they create an autobiography. Formal writing is addressed within a research essay utilizing credible databases. Students will practice 5 paragraph essay organization, building and supporting details, and mechanics and grammar skills. Editing and revision will be a focus of the writing process. The classroom is designed to allow the best possible chance of success by each student as lessons are differentiated and accommodated for a variety of learning abilities.

THEATER LITERATURE
1 Semester  1/2 credit
Senior Level Course
Prerequisite: None
Theater Literature provides students an opportunity to read and study dramatic literature representing various styles and periods. These plays serve as a basis of literature, a blueprint for performances, and the basis for written essays and discussion. Though elements and characteristics of dramatic literature will be the focus, students will be exposed to basic acting and staging techniques. The classroom is designed to allow the best possible chance of success by each student as lessons are differentiated and accommodated for a variety of learning abilities.

INTRODUCTION TO ALGEBRA
NCAA®
Full Year  1/2 credit per semester
Open to all levels
Prerequisite: None
Introduction to Algebra is for students who need more mathematics before entering a formal algebra program. The text teaches basic concepts of mathematics and introduces algebra concepts in a step-by-step approach. Topics include: algebra and whole numbers (representing numbers using letters, replacing variables); using decimals, number theory, rational numbers and fractions; basic operation and rational expressions (evaluating
algebraic expression); ratios, proportion, and percents; integers (comparing integers, adding, subtracting, multiply, and divide integers); exponents, square roots, and the Pythagorean theorem; equations from geometry (area, volume, and circumferences); and data, statistics, and probability.

* .5 unit

**INTRODUCTION TO GEOMETRY**

Full Year 1/2 credit per semester

*Open to sophomores, juniors and seniors*

*Prerequisite: None*

The Introduction to Geometry course is a branch of mathematics that deals with logic, measurement, and the relationships of points, lines, angles, and figures in space. Introduction to Geometry focuses on shapes, sizes, patterns, and positions of figures as they apply to everyday life. This course is designed to reach students with deficits in math through the use of interactive activities, manipulatives, and technology in the classroom. The geometry text presents topics in a straightforward approach in presenting material in a step by step approach that is focused on capitalizing on student learning styles.

**ALGEBRA 1**

Full Year 1/2 credit per semester

*Open to sophomores, juniors and seniors*

*Prerequisite: None*

Algebra 1 teaches the basic concepts of algebra in a step-by-step approach. The text used is written for students and young adults who need extra help grasping new concepts. Because students learn in many different ways, emphasis is placed on including instruction using a variety of modalities. When appropriate, manipulatives are suggested to provide a tactile/kinesthetic activity promoting concept mastery. Topics in this course include: arithmetic and algebra, the rules of arithmetic, linear equations with one variable, applications of algebra, exponents and polynomials, factoring, data, statistics, and probability, fractions and algebra, linear equations and inequalities in the coordinate plane.

**ALGEBRA 2**

Full Year 1/2 credit per semester

*Open to sophomores, juniors, and seniors*

*Prerequisite: None*

The content of Algebra 2 is organized around families of functions, with special emphasis on linear and quadratic functions. As students learn about each family of functions, they will learn to represent them in multiple ways—as verbal descriptions, equations, tables, and graphs. Topics include: expressions, equations, properties of real numbers, solving linear equations, solving and graphing linear inequalities, exponents and exponential functions, graphing and writing linear equations and functions. Technology support for both learning algebra and preparing for standardized tests will also be used in class.

**PHYSICAL/ EARTH SCIENCE**

Full Year 1/2 credit per semester

*Open to sophomores, juniors and seniors*

*Prerequisite: None*

Physical/Earth Science is a course designed to give introductory students an understanding of basic Physical Science concepts. The topics of motion, energy, and matter will be taught and reinforced by analyzing the interaction of these concepts with Earth Science. The Earth Science concepts of planetary systems, weather and physical processes will be related to current events and information along with the relationship humans have with the environment. Lab work will be inquiry based and used to reinforce the concepts presented in class. This framework will create a comprehensive understanding of and appreciation for the physical workings of the Earth. The classroom is designed to allow the best possible chance of success by each student as lessons are differentiated and accommodated for a variety of learning abilities.

**BIOLOGY**

Full Year 1/2 credit per semester

*Open to sophomores, juniors and seniors*

*Prerequisite: None*

This biology course meets one of the two required science credits necessary for graduation. The course is designed to give students an introductory knowledge of fundamental biological principles and general understanding of life. The course will cover a range of topics including the organization of organisms, classification of organisms, organization of communities, heredity and genetics of organisms. Students are provided with the opportunity of laboratory exercises that correlate the lecture material, and also stimulate their interests in biology and other sciences. Instruction is individualized to meet the needs of students, and class sizes are small to ensure individual attention to specific needs. Sufficient time is spent on the study and review of topics.

**CIVICS**

Full Year 1/2 credit per semester

*Open to all levels*

*Prerequisite: None*

Civics is a two-semester course. It offers the students the chance to investigate a wide range of government actions, purposes, structures and problems from the international to the local level. Students will study the power structure and decision making process of the different levels of government. Students will study United States Constitution and Illinois Constitution, which serve as an underlying theme throughout the course. Students will need to be informed of current events for class discussions and assignments.
**United States History**

Full Year 1/2 credit per semester

*Open to juniors and seniors*

*Prerequisite: None*

This course is designed as a survey of the history of the United States. It is divided into two separate sections; first semester - "A": Early Indian Cultures to the end of the Progressive Era, second semester - "B": World War I to the present. The course will stress the important aspects of the social, political, military, and economic achievements of earlier generations of Americans.

Course requirements may include mapwork, tests, quizzes, book reports, projects, and other assignments made by the instructor.

**Modern History**

NCAA

1 Semester 1/2 credit

*Open to sophomores, juniors and seniors*

*Prerequisite: None*

This course is designed to educate students of the events that shaped the United States from WW1 to present times. Students will cover topics such as WW1, WW2, and the Vietnam War. This course will stress the important aspects of the social, political, military, and economic achievements of past and present generations of Americans.

**World Geography**

NCAA

1 Semester 1/2 credit

*Open to sophomores, juniors and seniors*

*Prerequisite: None*

This course is designed to increase the knowledge in the areas of world culture, regions, climates, landforms, conservation of natural resources, topography, and history. Emphasis is placed on geography, population, economics, historical origins, and the culture of specific regions.

**Driver Education**

1 Semester 1/2 credit

*Open to sophomores, juniors and seniors*

*Prerequisite: See Note *

The driving age in Illinois is 18. A student may obtain a restricted driver’s license at the ages of 16 and 17 if they pass an approved driver education course consisting of 30 hours of classroom and 12 hours of behind the wheel training (6 hours driving and 6 hours observation). O’Fallon Township High School offers students an Illinois State Board of Education approved driver education course.

- Driver Education classroom and behind the wheel driving introduces students to Illinois Rules of the Road, vehicle control procedures, risk management techniques, skills that assist drivers in different environments and decision making methods to become responsible drivers. Students will apply for permits during the classroom portion of driver education. (Students must be 15 years of age, show proof of age: certified birth certificate or military ID, pay a $20 fee to the Illinois Secretary of State’s Office, pass a written test and pass a vision test 20/40)

- Eligibility for enrollment: Illinois State Law states that students must have successfully passed eight (8) semester hours in the previous two (2) semesters in order to enroll in driver education. There is a $250 fee for driver education classroom / behind the wheel training. This fee must be paid before the student will be scheduled for behind the wheel driving.

- Driver Education classroom is a quarter class that counts toward a student’s grade point average. Keyboarding essentials is offered the nine weeks opposite Driver Education for freshman and sophomores to fill out the semester. The classroom phase is offered five times a year and the behind the wheel training is offered throughout the school year plus during the summer.

- Behind the wheel driving sometimes occurs concurrently with classroom driver education and sometimes after the classroom portion (this is due to availability of driver education vehicles and the number of students enrolled). Behind the wheel driving lessons must be driven in not less than a 6 week period of time. (4 weeks allowable in the summer).

**Health**

1 Semester 1/2 credit

*Open to all levels*

*Prerequisite: See Note *

Health is an opportunity for the student to gain knowledge about his physical, emotional, and social self. Practical information about the body and diseases, nutrition, health hazards associated with the use of tobacco, alcohol, and drugs are all included. Safety procedures and emergency situations are presented. Reproduction, pregnancy, prevention, and various communicable diseases are units in the course. The class is directed to encourage the students to develop habits that will keep them mentally and physically healthy. Also, to enable the students to know when they need medical help and to communicate their problems with professionals.

*Students old enough to enroll in Driver Education their freshman year will enroll in Health their sophomore year; students taking Driver Education sophomore year will enroll in Health their freshman year.*

**Computer Concepts & Software Applications I**

1 Semester 1/2 credit

*Open to freshmen and sophomores*

*Prerequisite: None*

This course is designed to develop awareness and understanding of application software and equipment used by individuals to perform tasks in business, marketing and management. Document formatting is emphasized as
students apply problem-solving skills to hands-on, real-life situations using a variety of software applications. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. Business Ethics and workplace skills will be included throughout the course. According to the Illinois Skill Standards, students will apply proper grammar, punctuation, spelling and proofreading applications. **B115**

**Computer Concepts & Software Applications 2**

1 Semester 1/2 credit  
*Open to sophomores, juniors and seniors*  
*Prerequisite: Computer Concepts & Software Applications 1*

This course consists of planned learning experiences designed to expand and perfect the knowledge and skills to which the student was exposed in Computer Concepts & Software Applications 1. Microsoft PowerPoint, Microsoft Excel and Microsoft FrontPage will be introduced. Daily lessons will be formatted to enhance the student's knowledge and application of these software programs.

**Technology Essentials**

1 Semester 1/2 credit  
*Open to freshmen only*  
*Prerequisite: None*

This course is designed to develop and enhance the abilities to key by touch, proofread, correct errors, and format a variety of documents used throughout the OTHS curriculum. Students enrolled in Technology Essentials will obtain necessary skills related to the daily use of technology in education. They will learn to properly utilize the OTHS student data drive, develop important file management skills, format documents in Microsoft Word utilizing features in Word and develop the ability to organize work and meet deadlines. **B100**

**Personal Finance**

1 Semester 1/2 credit  
*Open to juniors and seniors*  
*Prerequisite: None*

This course is designed to familiarize students to their role as consumers in the free enterprise system. This course will teach students how to manage their personal resources by making informed choices as consumers in the marketplace. Specific consumer problems that students will encounter during both their school years and adult lives will be discussed. The abilities to make personal financial decisions in the areas of budgeting, record keeping, insurance, credit, investing, and financial institutions and services will be emphasized in the learning activities.

**Cooperative Occupational Education**

**Full Year** 1/2 credit per semester  
*Open to seniors*  
*Prerequisite: None*

As a work-related class for cooperative work experience, this course teaches entry-level competencies for a variety of work situations. Students also develop communication skills and plan for post-graduation employment. Areas of instruction include:

1. General job-survival skills  
   a. Demonstrating appropriate punctuality and attendance at school and at work site.  
   b. Using appropriate communication techniques with authority figures.  
   c. Developing positive behaviors in interaction with co-workers.  
   d. Using problem-solving techniques to resolve conflict situations at school and at the work site.  
   e. Using personal organizational skills for budgeting time and following co-op training agreement requirements.  
   f. Practicing basic safety and first-aid procedures.  
   g. Writing personal resumes and filling out job applications the appropriate way.

2. Specific entry-level competencies  
   a. Building maintenance helper skills—general inspection, cleaning tasks, safe use of cleaning equipment.  
   b. Assemble/package-set-up and maintenance of work area, assembly operation, sealing and packaging operations.  
   c. Fast service food preparation worker—following safety procedures, sanitizing techniques, serving guests.  
   d. Dining room worker—dining room set-up procedures, serving guests  
   e. Counter worker—serving guests, performing side work, sanitizing techniques. **X499**

**Cooperative Occupational Experience**

2 Semesters 1 credit per semester  
*Open to seniors*  
*Prerequisite: None*

The goal of the cooperative work experience is for the student to gain part-time employment and maintain that job with acceptable skills. Areas of concentration include:

1. Developing job skills as required at the training site  
2. Maintaining employment for a minimum of three months each semester  
3. Demonstrating job punctuality and attendance
4. Performing clerical duties
   a. Completing job station reports
   b. Completing training agreements
   c. Completing time sheets
5. Job problem-solving
   a. Using effective communication techniques
6. Meeting with work study coordinator to monitor on-job performance

The Illinois Learning Standards are applied throughout the course. X499

**SPECIAL COURSE OFFERINGS**

**RSS 9, RSS 10, RSS 11, RSS 12**  
(Resource Study Skills)  
1 or 2 Semesters  
1/2 credit per semester  
Open to all levels  
Prerequisite: None

RSS is a one-semester elective credit class split up by grade level (usually taken a full year at a time). Curriculum differs depending on grade level and is specific to the needs of that age group. (Ex. Junior RSS focuses on ACT test preparation). Further daily instruction focuses on basic study skills that students need for academic success. Students learn about note taking, textbook reading, goal setting, test taking and other study skills appropriate to grade level material. A large amount of class time is also devoted to completing homework, preparing for tests, and individual and group tutoring. Frequent contact is made with parents and with students’ academic teachers to foster responsibility and academic success.

**ESSENTIAL LIFE SKILLS PROGRAM**

**COMMUNITY LIVING SKILLS**  
Full Year  
1/2 credit per semester

This course is designed to teach students to function as independently as possible in all areas of the community. Examples are stores, restaurants, community facilities, and community transportation.

**CURRENT EVENTS**  
Full Year  
1/2 credit per semester

This course is designed to update students on current news. They will complete questions on material that is learned. Students will complete weather logs by searching the internet. The student is expected to learn and apply information. Instructional tools will include computers, newspaper articles, and News-to-You.

**DAILY LIVING SKILLS**  
Full Year  
1/2 credit per semester

Daily Living Skills helps prepare students for the transition from school to independent living. Students work on preparing nutritious meals at their own ability level, caring for clothing, and caring for a home. Other general skills are worked on within the classroom and in the appropriate community environment.

**ESSENTIAL ENGLISH SKILLS**  
Full Year  
1/2 credit per semester

This course is directed toward developing basic language skills that will be used in everyday life. Students will practice skills such as reading comprehension, site words, functional writing skills, and spelling.

**ESSENTIAL HEALTH SKILLS**  
1 Semester  
1/2 credit

Essential Health Skills covers a variety of lessons surrounding basic health, first aid, nutrition, safety and physical fitness.

**ESSENTIAL MATH**  
Full Year  
1/2 credit per semester

This course provides essential math skills used in everyday activities through the use of calculators, restaurant menus, digital and analog clocks, money, and computers.

**FUNCTIONAL ACADEMICS**  
Full Year  
1/2 credit per semester

The course focus is to develop the functional skills necessary to enhance students’ independent functioning skills. The course focus includes language arts, math, social sciences, community-based instruction, social/behavioral, and technology skills. This course provides for individual needs based on the yearly Individual Education Plan.

**PRE-VOCATIONAL TRAINING**  
Full Year  
1 credit per semester

This is a basic orientation to basic tool uses, practices, and safety in areas such as maintenance, food service, domestic services and janitorial. The course will give correct or appropriate hands-on usage of these tools through various activities.

Students are instructed in appropriate work behaviors, including following rules and regulations; completing assignments in an accurate, timely manner; and demonstrating problem-solving skills. Students will be taught to maintain a safe and healthy environment. Instruction will involve complying with safety and health rules; selecting correct tools and equipment; utilizing equipment correctly; maintaining a clean and orderly work area; and demonstrating personal hygiene and cleanliness. The primary focus is on the dignity of employment and the role to the student gaining a job and maintaining it. S200 actual experience at a community work site.
SECONDARY TRANSITIONAL EXPERIENCE PROGRAM (STEP) WORK EXPERIENCE
Full Year 1/2 credit per semester

The goal of this class is for the student to gain part-time employment and maintain that job with acceptable skills. Areas of concentration include:
1. Developing job skills as required at the training site
2. Maintaining employment for a minimum of three months each semester
3. Demonstrating job punctuality and attendance
4. Performing clerical duties
   a. Completing job station reports
   b. Completing training agreements
   c. Completing time sheets
5. Job problem-solving
   a. Using effective communication techniques
   b. Meeting with work study coordinator to monitor on-job performance

The Illinois Learning Standards are applied throughout the course. S499

SELF ADVOCACY & SELF-DETERMINATION
Full Year 1/2 credit per semester

The course focus is to enable students with disabilities to apply self-determination and self-advocacy skills in school, home, community, and employment settings. Students will increase self-awareness of personal abilities and develop an understanding of the impact of their own disability on learning and on other areas of life.

INDEPENDENT LIVING SKILLS
Full Year 1/2 credit per semester

This course helps prepare students for the transition from school to independent living. Students work on preparing nutritious meals at their own ability level, caring for clothing, and caring for a home. Other general skills are worked on within the classroom and in the appropriate community environment.

RECREATION AND LEISURE
Full Year 1/2 credit per semester

In this course, students identify and practice the decisions they will make as responsible adults, including how to maintain a healthy lifestyle and enjoy leisure activities. Students explore leisure, physical activity, recreation and reflection. Each of these areas is important for the student to incorporate into free time.
Students planning to attend college are encouraged to take a second language. The opportunity to transfer high school achievement into college credit by taking college placement tests is a strong encouragement for qualified students to pursue a language for three to four years. OTHS offers a four-year program in FRENCH, GERMAN and SPANISH. Students may earn one credit for each year-long course. Beginning level courses introduce the language in a variety of ways emphasizing the language skills: listening, speaking, reading, and writing. Upper-level courses emphasize more advanced communication and expression of ideas. The cultures in countries where each language is used are also highlighted at all levels. Students in Honors Level III classes will have their first opportunity to take the test for potential qualification for the Illinois State Seal of Biliteracy (optional) and students in the fourth year will be well prepared to take the AP® exam in May (optional).

FRENCH I
Full Year  1/2 credit per semester
Open to all levels
Prerequisite: None

Students are encouraged to have strong grammar and reading skills for optimum success in a foreign language.

The major goal of French I is to develop basic skills of listening, speaking, reading and writing. A variety of activities are provided to help students use French each day. Students also learn about the daily life of French teenagers.

FRENCH II
Full Year  1/2 credit per semester
Open to all levels meeting prerequisite
Prerequisite: Completion of French I with a grade of “C” or better

French II reviews and expands upon the skills learned in French I. Emphasis is placed on grammar, structure, and vocabulary. Activities and exercises are planned to help students gain greater proficiency in reading, speaking, listening, and writing skills.

HONORS FRENCH III
Full Year  1/2 credit per semester
Open to all levels meeting prerequisite
Prerequisite: Completion of French I and II with a grade of “B-” or better.

French III places primary emphasis on strengthening language skills. The majority of the class is taught in French and students are expected to interact in French as much as possible with the teacher and the other students. Grammar and vocabulary abilities continue to be expanded. Reading materials are selections originally intended for native French speakers.

AP® FRENCH LANGUAGE AND CULTURE NCAANCAA
Full Year  1/2 credit per semester
Open to all levels meeting prerequisite
Prerequisite: Completion of French I, II and III with a grade of “A” or “B”

AP® French Language and Culture is taught entirely in French and is designed to provide advanced high school students the opportunity to study French at a rigorous college level. The students will read, write, listen, speak, and make cultural comparisons in French. This course will follow the six themes as prescribed by the College Board Advanced Placement® curriculum.

GERMAN I
Full Year  1/2 credit per semester
Open to all levels
Prerequisite: None

Students are encouraged to have strong grammar and reading skills for optimum success in a foreign language.

German I is an introduction to the German language and culture. The focus of the course is on building a foundation in skills of listening, speaking, reading, and writing in German. Cultural aspects of German-speaking countries are also introduced. Students participate in a variety of individual, partner, and group activities.

GERMAN II
Full Year  1/2 credit per semester
Open to all levels meeting prerequisite
Prerequisite: Completion of German I with a grade of “C” or better

German II reviews and continues the development of language skills introduced in German I. The focus is on gaining greater proficiency in the language and learning more about German culture, including current events, music, literature, and movies. This course is recommended only to those students who earned a grade of “C” or higher in German I.
**HONORS GERMAN III**

*Full Year 1/2 credit per semester*

*Open to all levels meeting prerequisite*

*Prerequisite: Completion of German I and II with a grade of “B-” or better.*

German III is conducted primarily in German, and students are encouraged and expected to speak in German as much as possible in the classroom setting. Language skills are refined as vocabulary and language proficiency is further developed. Students participate in a wide variety of activities for oral communication and also write and read at a more advanced level.

**HONORS GERMAN IV**

*Full Year 1/2 credit per semester*

*Open to all levels meeting prerequisite*

*Prerequisite: Completion of German I, II and III with a grade of “A” or “B”*

German IV is conducted in German, and students are expected to speak German at all times in the classroom, as they work towards fluency. Students focus on increasing their language proficiency and spend more time on literature and extended oral communication. Students focus on a level of proficiency that will allow them to test out of university language requirements and earn university credit or to enter a higher level of the language at the university level. Some topics and projects from the Advanced Placement program are incorporated in German IV. These students also have the option to take the German Advanced Placement Test.

**SPANISH II**

*Full Year 1/2 credit per semester*

*Open to all levels meeting prerequisite*

*Prerequisite: Completion of Spanish I with a grade of “C” or better*

Within the course, many of the same techniques of language skills are used as in the first year, but they are used to obtain a higher degree of proficiency in the language. In the second year, more emphasis is placed on speaking, grammar and structure of this language, with special emphasis on life in Spanish speaking countries and using the language in context.

**HONORS SPANISH III**

*Full Year 1/2 credit per semester*

*Open to all levels meeting prerequisite*

*Prerequisite: Completion of Spanish I and II with a grade of “B-” or better.*

This year employs an even stronger emphasis on the speaking and reading aspects, as well as learning the advanced grammar structures of the language. The majority of the class is taught in Spanish and the students are expected to speak in Spanish as much as possible.

**AP® SPANISH LANGUAGE AND CULTURE**

*Full Year 1/2 credit per semester*

*Open to all levels meeting prerequisite*

*Prerequisite: Completion of Spanish I, II and III with a grade of “A” or “B”*

AP® Spanish Language and Culture is taught entirely in Spanish and is designed to provide advanced high school students the opportunity to study Spanish at a rigorous college level. The students are expected to speak Spanish at all times in the classroom and will read, write, listen, speak, and make cultural comparisons in Spanish. This course will follow the six themes as prescribed by the College Board Advanced Placement® curriculum.

**SPANISH I**

*Full Year 1/2 credit per semester*

*Open to all levels*

*Prerequisite: None*

Students are encouraged to have strong grammar and reading skills for optimum success in a foreign language.

The main goal of Spanish I is to develop a beginning ability in listening, speaking, reading, and writing Spanish. The secondary purpose is to develop knowledge of structure and cultural awareness. The students participate in a variety of individual, partner and group activities.
ELECTIVES

ESSENTIAL STUDY SKILLS  (REGULAR ED)

1 Semester  1/2 credit per semester

Open to all levels  

Prerequisite: Counselor recommendation

Essential Study Skills (ESS) is open to all OTHS students but the majority of the students are freshmen. Instruction focuses on basic study skills that students need for academic success. Students learn about note taking, textbook reading, goal setting, test taking and other study skills. A large amount of class time is also devoted to completing homework, preparing for tests, and individual and group tutoring. Frequent contact is made with parents and with students’ academic teachers. Students receive bi-monthly progress reports.