

FORT KNOX HIGH SCHOOL

COURSE CATALOG

2008-2009



(502) 624-5332
Guidance Office

(502) 624-7030
Main Office

(502) 624-3697
Principal's Office

PARENTS & STUDENTS:

DUE TO ENROLLMENT AND STAFFING, THE POSSIBILITY EXISTS THAT SOME OF THESE COURSES MAY NOT BE AVAILABLE FOR THE SCHOOL YEAR.

DoDEA Course Descriptions

2008–2009

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FORT KNOX HIGH SCHOOL GRADUATION REQUIREMENTS COMMON DODEA DIPLOMA

Language Arts - 4 credits

Language Arts 9
Language Arts 10
Language Arts 11
Language Arts 12

Math – 3 credits

Algebra I
Geometry
Algebra II or Discrete Math

Science – 3 credits

Biology
Chemistry /Chem Apps in Community or
Physics/ Physics Apps in Community
Plus one additional Science credit

Social Studies – 3 credits

1 credit of World Regions or World History
US History – 1 credit
US Government - .5 credit
.5 additional Social Studies credit

Professional Technical Studies – 2 credits

.5 credit must be in a Computer Course

Foreign Language – 2 credits of same language

Physical Education – 1.5 credit

PE/Personal Fitness - .5
PE/Lifetime Sports - .5
PE/Activity Nutrition - .5

Health - .5 credit

Fine Arts – 1 credit

Visual Arts, music, theater, and/or humanities

Electives – 6 credits

TOTAL – 26 credits

GPA of 2.0 required to graduate

CREDIT CLASSIFICATION REQUIREMENTS

Students are classified in accordance with the following minimum attainments.

Freshman – 8th grade report card/promotion

Sophomore – 6 credits

Junior – 12 credits

Senior – 18 credits

Graduate – 26 credits

Honors Diploma

The Department of Defense Education Activity (DoDEA) will offer a Common DoDEA Diploma and an Honors Diploma beginning with school year 2007-2008. DoDEA will award an Honors Diploma to students achieving the high school graduation requirements with honors.

Effective school year 2007-2008, students graduating from DoDEA schools will earn an Honors Diploma by meeting the following criteria: (1) completion of all graduation requirements; (2) earn a passing course grade and take the requisite examinations in a minimum of four Advanced Placement courses; and (3) earn a Grade Point Average of 3.8, or higher, based on grades received through the end of the second semester of the graduating year.

DEPARTMENT OF DEFENSE EDUCATION ACTIVITY (DODEA) POLICIES EFFECTIVE SY 2004-2005

I. Grading System and Quality Points

Subjects will be designated as Advanced Placement courses (AP), honors courses or regular courses. **No extra quality points are given for honors courses.**

The following quality points values are used in calculating the GPA for courses completed in DODEA.

Numerical Average	(QUALITY POINTS)	
	<u>Advanced Placement</u>	<u>Regular</u>
A = 90-100	5	4
B = 80-89	4	3
C = 70-79	3	2
D = 60-69	2	1
F = 59 & Below	0	0

½ credit is granted after the completion of 18 weeks in each course.

II. Advanced Placement (AP) Examinations Policy

A student taking an Advanced Placement course in a DoDEA high school will be required to take the requisite Advanced Placement Examination in order to receive a weighted grade for the course.

III. Weighted Grades – AP – of transferring students

The Department of Defense Education Activity (DoDEA) will calculate the weighted grades of Advanced Placement (AP) courses for students transferring into DoDEA schools on the grade point scale used in all DoDEA schools. Students entering DoDEA schools with College Board recognized AP courses on their transcripts and proof of completing the respective AP examinations will receive the weighted points for the AP Courses consistent with those points awarded to AP courses in DoDEA.

DoDEA will not modify or alter transcripts received from non-DoDEA schools. However, the student's Grade Point Average (GPA) will be calculated to match the point values for the letter grades issued in all DoDEA schools. The intent of this change is to calculate GPA for all students taking AP courses and completing the AP examination on an equitable basis. Students who have completed AP courses and taken the examination in school systems where grades were not weighted will receive the weight for those AP courses in accord with the DoDEA grading scale.

IV. Ranking System

Final class rank is computed beginning with grade nine through the second semester of the twelfth grade (8 semesters). All students are included in the ranking. The grade point average used to determine rank in class is determined by dividing the number of quality points earned by the number of units of credit attempted. Rank is based on cumulative grades. Several students may have the same rank.

Class ranking for graduation will be determined following the second semester of the senior year for students enrolled at the end of the fourth quarter. All letter grades for eight semesters in grades 9 – 12 will be averaged to determine class rankings for graduation honors.

The determination of grade point average for class Valedictorian will be based on student grades attained at the end of the second semester of the graduating year. Students who are graduating early, i.e., after completing 6 semesters of high school, are eligible to compete for this honor. However, students must have been enrolled in a DoDEA school during the first semester of the graduating year to be eligible.

V. Classifications

Advanced Placement (AP)

AP Calculus AB
AP Chemistry
AP Computer Science (DL)
AP English Language/Composition
AP English Literature/Composition
AP Environmental Science
AP Spanish Language
AP Statistics
AP U.S. History

Honors Courses (S)

Honors Lit 9 – World History 9 (unweighted grade)
Honors Lit 10 – World History 10 (unweighted grade)

VI. Repeating a credit course policy

A course for which credit is granted may be repeated for content or skill mastery. Credit will be given only once and the grade will be for the most recent course taken. The student's permanent record will show that the course was repeated. Students repeating a course in which weighted grades are assigned will receive credit only for the most recent course taken. The grade point average will reflect the most recent course taken.

In the case where a student fails a course required for specific graduation requirements, he or she may repeat the course more than once.

The policy is effective for courses being repeated beginning in SY 03-04 and from that point on. It does NOT affect courses that were repeated before SY 03-04. In addition, it applies to DoDEA and non-DoDEA courses providing an equivalent DoDEA course is offered.

VII. HS credit for Mathematics/Foreign Language Courses taken in Grades 7 & 8.

It is the policy of the Department of Defense Dependents Schools that high school credit toward graduation for students in grades 7 and 8 taking mathematics/foreign language will only be awarded for the successful completion of the Algebra I Course (MAA301) and/or higher-level mathematics and the high school level of a foreign language. However, this credit will not count toward the cumulative GPA. Middle school students will **not** receive high school credit for taking the Introduction to Algebra/Geometry (MAA303) and Introduction to Geometry/Algebra (MAG301) courses. A student transferring to Fort Knox High School must provide documentation for middle school credit.

VIII. Class Changes

FULL YEAR COURSES CANNOT BE DROPPED AT THE END OF ONE SEMESTER WITHOUT A MEETING WITH TEACHER, STUDENT, SPONSOR AND COUNSELOR. Final approval must be granted by the principal.

STUDENTS MAY ONLY DROP/ADD A COURSE BEFORE THE END OF THE FIRST THREE WEEKS OF THE COURSE WITH PARENT/COUNSELOR APPROVAL.

IX. Procedure for Enrollment of transferring students from outside Fort Knox Community Schools

Please remember to bring:

1. Original or certified copy of the student's birth certificate, original social security card, Sponsor's PCS orders, and housing verification. Additionally, sponsor's who are not a biological parent must complete and have notarized the Loco Parentis' Affidavit in the packet. Non-biological sponsors must also provide legal documentation such as divorce decree, guardianship paperwork, court orders, adoption papers, etc. that would prove the students eligibility to be with the non-biological sponsor.
2. For students in the 9th grade, a final report card or transcript from the 8th grade.
3. For students in the 10th, 11th, or 12th grade, a transcript showing credits from previous years in high school and a final report card or withdrawal grades from the previous/current school year. Our FAX number is (502) 624-6548 if the previous school would like to FAX us this information.
4. Please take the student immunization record and the enclosed *DoDEA Immunization Requirements* form to the Immunization Clinic at Ireland Army Community Hospital. The clinic is open weekdays from 7:30 am - 11:45 am and 1:00 pm – 4:00 pm. The clinic will complete the DoDEA Immunization Certificate, which must be submitted to the school within 10 days of school entry.

Please call to schedule an appointment for registration.

Phone 624-5332 or 624-7030 to schedule an appointment with a counselor to register your student.

Fort Knox High School (FKHS) Course Catalog

The FKHS Course Catalog provides a description of the courses in which students may enroll at FKHS. Counselors and teachers are available to assist. We urge parents to take an active role in the student's course selection process.

SUBJECTS AVAILABLE TO STUDENTS

LANGUAGE ARTS

LAE301 Freshmen – Language Arts 9 (required)
LAE371 Honors Lit 9 (World Lit.) must enroll concurrently in Honors World History 9
LAE401 Sophomore – Language Arts 10 (required)
LAE471 Honors Lit 10 (World Lit.) must enroll concurrently in Honors World History 10
LAE501 Junior – Language Arts 11 (required)
LAE601 Senior – Language Arts 12 (required)
LAC614 **Advanced Placement (AP) English Language/Composition – Grade 11
LAL613 **Advanced Placement (AP) English Literature/Composition – Grade 12

English as a Second Language (ESL) (2 years of ESL may be substituted for 2 years of English Language Arts)

The following electives may not be counted toward fulfilling the Language Arts requirement for graduation.

LAJ401 Journalism (Newspaper) Grades 10 – 12 (repeatable course)
LAS401S *Speech - Grades 9 – 12
Reading Lab – Grades 9 – 12 (9th RED305, 10th RED405, 11th RED505, 12th RED605)

MATH

MAA301 Algebra I Grades 9 – 12
MAG401 Geometry (recommend Algebra I) Grades 9 – 12
MAZ501 Discrete Math (recommend Algebra I and Geometry) Grades 10 – 12
MAA401 Algebra II (recommend Algebra I) Grades 10 – 12
MAD501 Math Analysis (Pre-calculus) (recommend Algebra II and Geometry) Grades 11 – 12
MAZ611 **Advanced Placement (AP) Statistics (recommend Algebra II) Grades 11 – 12
MAC612 **Advanced Placement (AP) Calculus AB (recommend Math Analysis) Grades 11 – 12

The following electives may not be counted toward fulfilling the Math requirements for graduation.

MAA305 Algebra I Lab
MAG405 Geometry Lab
MAA405 Math Lab III

SOCIAL STUDIES

****Students must have 1 credit in either World Regions or World History****
SSC301 World Regions (recommended for freshmen)
SSW371 Honors World History 9 – must enroll concurrently in Honors Lit 9
SSW401 World History (recommended for sophomores)
SSW471 Honors World History 10 – must enroll concurrently in Honors Lit 10
SSU501 U.S. History (required for juniors)
SSU611 **Advanced Placement (AP) U.S. History
SSG601 *U.S. Government (required for seniors)
SSP501 *Psychology Grades 11 – 12
SSZ501 *Contemporary Issues – Grade 12
SSZ303S *Street Law Grades 10 – 12
SSN401 *Economics Grades 10 – 12

* one semester course for ½ credit

**Students enrolled in an AP class will be required to take the AP Exam in May to receive the weighted GPA.
Note: Students may be placed into an Algebra I Lab, Reading Lab, Geometry Lab, or Math Lab III class based upon their standardized test scores.

SCIENCE

- SCB401 Biology – Grades 9 – 12
SCP302 Physics Applications in Community (Intro to Physics) – Grades 9 – 12
SCZ302 Earth and Space Science (Geology) – Grades 9 – 12
SCZ401 Environmental Science – Grades 10 – 12
SCC502 Chemistry Applications in Community – (recommend Algebra I or concurrent) Grades 10 – 12
SCC501 Chemistry – (recommend Algebra I) Grades 10 – 12
SCP501 Physics – (recommend Algebra II or concurrent) Grades 11 – 12
SCB612UT **Advanced Placement (AP) Biology – Distance Learning (recommend Chemistry and Biology) Grades 11– 12
SCC612 **Advanced Placement (AP) Chemistry – (recommend Algebra II and successful completion of Chemistry)
Grades 11 – 12
SCZ611 **Advanced Placement (AP) Environmental Science – (recommend Biology, Chemistry, and Algebra I)
Grades 11 – 12

FOREIGN LANGUAGE

- Chinese I-LC301, II-FLC401
German I-FLG301, II-FLG401
Spanish I-FLS301, II-FLS401, III-FLS501, IV-FLS601
**AP Spanish Language FLS615

COLLEGE ENTRANCE PREPARATION

- PPS401 *College Entrance Preparation – (ACT & SAT Prep) – Grades 11 – 12

PROFESSIONAL TECHNICAL STUDIES

BUSINESS COMPUTER STUDIES

- PTB301 Business/Personal Finances – Grades 9 – 12
PTI303 +*Word Processing Software Applications (WORD) – Grades 9 – 12
PTI304 +*Presentation Software Applications (POWERPOINT) – Grades 9 – 12 (recommend –
good Keyboarding Skills)
PTI306S +*Spreadsheet Software Applications (EXCEL) – Grades 9 – 12 (recommend –
good Keyboarding Skills)
PTI308S *Publication Software – Grades 9 – 12
PTB402 Accounting I – Grades 10 – 12
PTB502 Accounting II - (recommend Accounting I) Grades 11 – 12
PTB501S Marketing & Entrepreneurship - Grades 11 – 12
PTB503 Business Law – Grades 11 – 12

COMPUTER STUDIES

- PTP3050T *JAVA I/DL –Distance Learning Grades 10 – 12
PTP3060T *JAVA II/DL Distance Learning Grades 10 – 12 (recommend JAVA I)
PTP511UT **AP Computer Science A/DL – Distance Learning – Grades 11 – 12 (recommend – one semester
of Programming in C++ or JAVA)

* one semester course for ½ credit

** Students enrolled in the AP class will be required to take the AP Exam in May to receive course credit and extra weight on their GPA.

ENGINEERING & SCIENTIFIC TECHNOLOGY

PTE303 Engineer Drawing-CAD – Grades 9 – 12
PTI409 Computer Animation – Grades 10 – 12
PTE603 Engineer Design – Development – Grade 10 - 12
PTE305 Architectural Draw – Grades 10 – 12

COMMUNICATIONS TECHNOLOGY

AAAY301 Yearbook Production – Grades 10 – 12 – repeatable course
PTI407S *Web Site Development/Management – fluency in Computer Science and need Keyboarding skills –
Grades 10 – 12

CAREERS

PTW502 #Career Practicum – 2 periods – Grades 11 – 12
PTW301 *Career Decision Making – Grades 9 – 12

HEALTH & PHYSICAL EDUCATION

PEF301 *PE/Personal Fitness – Grades 9 – 12
HLH301 *Health Ed I – Grades 9 – 12
PEL301 *PE/Lifetime Sports – Grades 10 – 12
PEG402S *Conditioning – Grades 10 – 12
PEG402 Conditioning – Grades 10 – 12
PEN301 *PE/Activity Nutrition – Grades 10 – 12

FINE ARTS

ARA301 Fundamentals of Art – Grades 9 – 12
ARS401 Studio Art – (recommend Fundamentals of Art) Grades 10 – 12 (repeatable course)
ARE401 Ceramics – (recommend Fundamentals of Art) Grades 10 – 12 (repeatable course)
ARC301 Computer Art – Grades 10 – 12
ARW401 Drawing – Grades 10 – 12
MUV301 Beginning Chorus – Grades 9 – 12
MUV302 Advanced Chorus – Grades 10 – 12 (repeatable course)
MUV303 Show Choir (audition) – Grades 9 – 12 (repeatable course)
MUI302 Intermediate/MUI303 Advanced Band (2 periods) Grades 9 – 12 (repeatable course)
HUH401S *Humanities – Grades 9 – 12
DRA301S *Drama/Theatre – Grades 9 – 12 (repeatable course)

*one semester course for ½ credit

2-period class

** Students enrolled in the AP class will be required to take the AP Exam in May to receive course credit and extra weight on their GPA.

ARMY JROTC

VER301 Army JROTC I Grades 9 – 12
VER401 Army JROTC II Grades 10 – 12
VER501 Army JROTC III Grades 11 – 12
VER601 Army JROTC IV Grade 12

ACADEMIC SUPPORT COURSES

LAV301 AVID 9 – (Advancement Via Individual Determination) Grade 9 – elective credit
(teacher recommendation)
LAV401 AVID 10 – (Advancement Via Individual Determination) Grade 10 – elective credit
(teacher recommendation)
LAV501 AVID - 11 - (Advancement Via Individual Determination) Grade 11 - elective credit
(teacher recommendation)
LAV601 AVID 12 – (Advancement Via Individual Determination) Grade 12 - elective credit
(teacher recommendation)
AAT501 AVID Tutor – Grades 11 – 12 (teacher recommendation)
AAC301 Staff Assistant – Grades 12 (teacher approval) – (no credit)

FOCUS (Practical Life Skills)

SEL331 Focus Read/Write – Grades 9 – 12
SEM331 Focus Math – Grades 9 – 12
SEC 331 Community Experience - Grades 9 – 12
SED331 Daily Living - Grades 9 – 12
AAC331 Learning Strategies - Grades 9 – 12
SES331 Social/Leisure Skills - Grades 9 – 12
SEV331 Vocational Skills - Grades 9 – 12

DISTANCE LEARNING COURSES DODEA ELECTRONIC SCHOOL

E-School provides online learning opportunities for high school students in DODEA's Electronic School. The following courses are offered through E-School. Students must receive approval from the distance learning facilitator and a guidance counselor before enrolling.

Website: <http://www.dec.odedodea.edu> Free to all DODEA students.

VBASIC Prog I/DL	VBASIC Prog II/DL	Java I/II DL
AP Comp Sci AB/DL*	AP Spanish Lang/DL*	AP Comp Sci A/DL*
AP Calculus AB/DL*	AP Calculus BC/DL*	Humanities/DL
Marine Biology/DL	AP US History/DL	Health Ed I/DL
AP Biology/DL	AP Chemistry/DL	AP Physics B/DL*

Student requirements for Enrollment:

Students enrolled in the E-School should have the following characteristics:

- The student must be self-motivated.
- The student must be organized and have good time management skills.
- The student must be an independent learner.
- In short, the student must become the director of his/her own learning.
- The student should keep in close touch with his/her instructor, always informing the instructor about planned absences for scheduled events, reading feedback carefully, and asking questions for clarification.
- The student should contact the local facilitator about unplanned absences, course schedule changes, and upcoming tests.

Course Descriptions

FINE ARTS

ART CLASSES

COURSE TITLE: Fundamentals of Art
CODE: ARA301

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The fundamentals of art is designed as the basic entry course for the art program. The course provides instruction in the use of the elements of line, color texture, shape, and space arrangement in works of art. Students learn how to compose a balanced, rhythmic, unified design through a series of assignments that use a variety of two- and three-dimensional art media. Course emphasis is placed on basic techniques of drawing, painting, printmaking, ceramics, and sculpture that can be used throughout life for communication, expression, and enjoyment.

Students will be required to demonstrate knowledge of the proper care and use of tools, materials, and equipment used in art. Student projects will be evaluated on originality, craftsmanship, effort, time utilization, and quality, taking into consideration the individual or students' talent, experience, and/ or limitations. Both written and oral tests will be used to evaluate knowledge of course content.

COURSE TITLE: Computer Art
CODE: ARC301
Recommend: Fundamentals of Art

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year

This class is designed to provide the basics of graphic design, using the computer as the design medium. Computers are used with prescribed graphics software to teach two-dimensional design. The class will teach the elements (line, shape, color, texture, value and space) and principles (balance, rhythm, unity, proportion, variety and emphasis) of design through a series of assignments that are completed on the computer. Students need not have a compatible computer of their own, as all assignments will be completed in class.

COURSE TITLE: Drawing
CODE: ARW401
Recommend: Fundamentals of Art

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year

The drawing course is designed for students who want to explore drawing as a means of self-expression. The course activities develop students' skills in the techniques and styles of drawing media, Students explore the two and three-dimensional aspects in drawing and develop personal expression.

COURSE TITLE: Ceramics
CODE: ARE401
Recommend: Fundamentals of Art

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year
This is a repeatable course.

The ceramics course is designed to provide a studio-oriented experience with the study of clay. Students explore the properties of clay by making utilitarian and sculptural forms that emphasize form, design, and craftsmanship. The course includes instruction in clay application, kiln management, and the historical role of ceramics in our culture.

Instructional activities will provide practice in using various materials, tools, and equipment. Students will produce a series of ceramic pieces that demonstrate knowledge of the basic methods of ceramic construction and use of the pottery wheel. Works by several outstanding ceramic artists and/or potters of the twentieth century will be discussed. Visits to art galleries and museums will be included when feasible.

Students will demonstrate knowledge of the proper care and use of tools, materials, and equipment used in creating ceramic products. Student projects will be evaluated for originality, craftsmanship, effort, time utilization, and quality with consideration given to the individual or students' talent, experience, and/or limitations. Both written and oral tests will be used to evaluate knowledge of course content.

COURSE TITLE: Studio Art
CODE: ARS401
Recommend: Fundamentals of Art

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year
This is a repeatable course.

The studio art course is designed either as units of study in various media, or as an individualized course for advanced students. Students who would like to develop skill in several media would benefit from this course. Students can concentrate on selected media by choosing activities from a wide range of options such as drawing, watercolor painting, acrylic painting, oil painting, sculpture, ceramics, commercial art, creative crafts, lettering, printmaking, and mixed media.

Instructional activities will provide experience using various art materials, tools, and equipment. Students will produce artworks in a selected medium and with specified limitations. Students will be exposed to several different current styles in art. Visits to art galleries, studios, and museums will be included when feasible.

Students will demonstrate the proper care and use of tools, materials, and equipment used when creating works of art in a specific media. Student projects will be evaluated on originality, craftsmanship, effort, time utilization, and quality with consideration given to individual student's talent, experience, and/or limitations. Both written and oral tests will be used to evaluate knowledge of course content.

DRAMA

COURSE TITLE: Drama/Theatre
CODE: DRA301S

GRADES: 9-12
COURSE LENGTH: ½ credit – 1 semester
This is a repeatable course.

The drama course is designed to give the students opportunity to experience the acting process and to enable students to demonstrate knowledge of the historical background of drama. The content includes, but is not limited to, recognition of the different genres of drama and the elements of playwriting; knowledge of the different historical periods of drama and acting; knowledge of the work of important dramatists; understanding of the importance of drama as a reflection of society; recognition of drama as a self-rewarding activity that involves the identification of the unique worth of the individual, the motivation behind human behavior; and the dynamics of interpersonal relationships.

HUMANITIES

COURSE TITLE: Humanities
CODE: HUH401S

GRADES: 9-12
COURSE LENGTH: ½ credit – 1 semester

The humanities course is designed to be an integrated study of history, literature, language, philosophy, the visual arts, theatre, dance, and music. Emphasis is placed on critical thinking, creativity, and the rights and responsibilities of the individual in a society. Students explore aspects of human behavior and human ideals.

MUSIC EDUCATION

COURSE TITLE: Intermediate Band
CODE: MUI302

GRADES: 9-12
COURSE LENGTH: 1 credit – full year

The intermediate band course is designed to acquaint students with intermediate to advanced instrumental music skills which include, but will not be limited to, the following content: intermediate to advanced level sight-reading skills; discrimination of pitch; absolute essentials for playing in tune; intermediate to advanced rhythm concepts and patterns; techniques for achieving the essentials of unity, balance, and contrast in performing instrumental music; the study of all major and minor scales; the opportunity of performing a variety of good musical repertoire; and listening skills development. Instructional activities will include, but not limit in scope, the following processes: demonstrating melodic and rhythmic sight-reading patterns; playing, at sight and independently, musical passages in low, middle, and upper registers; demonstrating knowledge in the use and care of the instrument; demonstrating playing in tune; performing duple- and triple-meter music: emphasizing measure unit with accent; following critical markings of musical scores; performing independently all major and minor scales; and responding correctly to melodic and rhythmic aural dictation exercises. Students will be required to perform successfully instrumental music, independently, and in-group ensemble, by observing all critical markings of interpretation. Upon completion of the intermediate band course, students should be able to:

- Demonstrate intermediate to advanced instrumental skills.
- Demonstrate intermediate to advanced music-reading skills,
- Exercise discrimination regarding pitch and tuning.
- Continue study of major and minor scales.

NOTE: Student must provide their own instrument. Students must provide all expendable supplies (reeds, oils, etc). Percussionists (drums, etc.) must provide approved snare sticks, cymbal mallets, timpani mallets, bell mallets and a stick bag.

COURSE TITLE: Advanced Band
CODE: MUI303
PREPARATION: Intermediate Band

GRADES: 9-12
COURSE LENGTH: 1 credit -
Full year – Repeatable Course

The advanced band course is designed to acquaint students with advanced instrumental music skills. The content includes, but is not limited to, the following: the interpretation and analyzation of musical scores; the application of musical nuances in playing from a score; independent performance of all major and minor scales; advanced rhythm patterns; performance as a soloist and in small and large group ensembles; a variety of music repertoire, including style, periods, forms, electronic music; intermediate to advanced level sight-reading exercises; and introduction to computer/synthesizer musical composition. Instructional activities will be provided through the following processes: using daily sight-reading exercises during regular full-group rehearsals; practicing aural dictation and ear-training; improvising to a given chord progression; playing in tune; performing as soloist and in small and large group ensembles; playing a wide variety of concert and jazz repertoire; training in, and the development of, good practice habits; and training in the basics of electronic music. Students will be required to pass an examination on all major and minor scales and to perform successfully instrumental music, independently and in group ensemble, by observing all critical markings of interpretation from the score. Upon completion of the advanced band course, students should be able to:

- Develop individual performance to a high level.
- Perform for the community in festivals and local concerts.
- Demonstrate good practice habits.
- Display advanced development through solos or ensembles.
- Demonstrate independence in reading notation rhythmically and melodically.
- Play with confidence all major and minor scales.
- Meets history and appreciation of visual and performing arts requirements.

NOTE: Student must provide their own instrument. Other costs for this class are marching band T-shirt, gloves, shoes, etc. Students must provide all expendable supplies (reeds, oils, etc). Percussionists (drums, etc.) must provide approved snare sticks, cymbal mallets, timpani mallets, bell mallets and a stick bag.

COURSE TITLE: Beginning Chorus
CODE: MUV301

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The beginning chorus course is designed to Provide students, but not limit them to, the following vocal musical learning experiences: learning the beginning and basic fundamentals of sight-reading vocal music, rehearsing and performing unison and two-part music, singing with small and large groups, studying intonation, experiencing a wide variety of choral literature including secular and no secular music, singing with keyboard and other instrumental accompaniment, and participating in public performances and musical productions.

Instructional activities will be provided, in part, through the following choral techniques and approaches: hearing, identifying, and singing musical intervals, using daily sight-reading and ear-training exercises, singing unison and two-part choral arrangements, performing a variety of secular and non-secular music, and participating in choral performances.

Students will be required to pass periodic sight-reading examinations and to perform successfully in small and large groups during rehearsals and performances.

Objectives: Upon completion of the beginning chorus course, students should be able to:

- Demonstrate correct vocal production.
- Demonstrate an ability to read music notation.
- Sing and read two- and three-part music.
- Demonstrate correct rehearsal attitude and habits.
- Participate in public performances.

COURSE TITLE: Advanced Chorus
CODE: MUV302
PREPARATION: Beginning Chorus or Equivalent

GRADES: 10-12
COURSE LENGTH: 1 credit - Full year
Repeatable Course

The advanced chorus course is designed to provide students, but not limit them to, the following advanced vocal musical learning experiences: continuing development of sight-reading ability; analyzing, rehearsing, and performing unison, two-, three-, and four-part music; singing with small and large ensembles in addition to solo opportunities; singing a cappella; experiencing a wide variety of choral literature including secular and no secular music; singing with individual and ensemble instrumental accompaniment; and participating in choral performances.

Instructional activities will be provided, in part, through the following choral techniques and approaches: hearing, identifying, and singing musical intervals; using daily sight-reading and dictation exercises; singing unison, two-, three-, and four-part choral arrangements, both a cappella and accompanied; performing a variety of secular and no secular music; and participating in choral performances.

Essential Objectives: Upon completion of the advanced chorus course, students should be able to:

- Demonstrate and understand vocal production, breath support, and posture.
- Sing and read unison through four-part music.
- Demonstrate correct rehearsal attitudes and habits.
- Take melodic and rhythmic dictation
- Participate in public performances.
- Perform in festivals.

COURSE TITLE: Show Choir
CODE: MUV303
PREPARATION: Audition by director

GRADES: 9-12
COURSE LENGTH: 1 credit -
Full year – Repeatable Course

The show choir course is designed to provide students Broadway Musical comedy vocal style competencies and experiences. The content includes, but is not limited to, the following concepts: sight-reading music notation vocally singing three- and four-part music, practicing and using vocal improvisation, using back-up accompaniment and ensemble tone color/quality, performing in public performances and musical productions, interpreting contemporary vocal music scores, studying of melodic, rhythmic, and harmonic structure in Broadway Musical comedy and popular choral music, studying intonation, singing a cappella, singing with instrumental accompaniment, and creating and performing appropriate choreography.

Instructional activities will be provided, in part, through the following choral approaches: hearing and singing musical intervals; using aural dictation and ear-training exercises; completing daily sight-reading exercises during regularly scheduled chorus rehearsals; demonstrating techniques of blend, balance, and musical comedy timbres; interpreting voice part while observing all critical markings; participating in public performances, singing a cappella; performing a wide variety of musical comedy, contemporary and popular arrangements; and staging choreography and establishing a stage presence.

Students will be required to pass periodic sight-reading examinations and to perform successfully, independently and stylistically, in groups by demonstrating all interpretive markings indicated in the score.

Objectives: Upon completion of the show choir course, students should be able to:

- Sight-sing musical comedy, contemporary and popular music independently and in ensemble.
- Produce correct vocal style.
- Demonstrate correct rehearsal behavior.
- Perform for school and community
- Participate in choreography and staging of musical performances.
- Meets history and appreciation of visual and performing arts requirements.

Advancement Via Individual Determination (AVID)

COURSE TITLE: AVID 9, 10, 11, 12
CODE: LAV301; LAV401;
LAV501; LAV601

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

AVID is a class that prepares students for college enrollment. Targeting the student who is “in the middle”, AVID is a four-year program that focuses on the essential skills needed for success in college. Students will be expected to take rigorous classes along with their AVID class. These may include honors and Advanced Placement courses. Due to the college preparatory courses AVID students must take, small group tutorials are provided as one component of the AVID class. **Students must apply to be accepted into the AVID program. Since students must meet certain criteria for enrollment, see a guidance counselor to find out more information about the application process.**

COURSE TITLE: AVID TUTOR
CODE: AAT501

GRADES: 11-12
COURSE LENGTH: 1 credit – Full year
Teacher approval required.

The student will act as tutor for a small group of AVID students during the tutorial component of the AVID class. Tutorial sessions will focus on questions students have about current units of study in their academic classes. The student will receive instruction in tutoring throughout the course.

COURSE TITLE: Staff Assistant
CODE: AAC301

GRADES: 12
No credit; teacher approval

The staff assistant course is designed to provide students with experiences in assisting professional school personnel in the duties for which they are responsible. Upon completion of the staff assistant course, students should be able to exhibit familiarity with the tasks and responsibilities of the position to which they were assigned.

Focus (Practical Life Skills)

COURSE TITLE: Community Exper
CODE: SEC331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The emphasis of this Focus course will be to provide the student with community experiences required to enable the student to function as independently as possible. Course goals address the following areas (as appropriate): weather, community preparation/mobility/experience, banking, library, grocery/department store, post office, restaurants, emergency facilities, service organizations, telephone, transportation, and laws.

COURSE TITLE: Daily Living
CODE: SED331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The emphasis of this Focus course will be to provide the student with daily living/self care skills required to enable the student to function as independently as possible. Course goals address the following areas (as appropriate): dressing, undressing, selecting appropriate clothing, grooming, personal hygiene, toileting, food preparation, household management, computer usage, health and safety.

COURSE TITLE: Focus Read/ Write
CODE: SEL331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The emphasis of this Focus course will be to provide the student with basic reading and writing skills required to enable the student to function as independently as possible.

COURSE TITLE: Focus Math
CODE: SEM331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The emphasis of this Focus course will be to provide the student with basic math skills and applications required to enable the student to function as independently as possible.

COURSE TITLE: Learning Strategies
CODE: AAC331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The learning strategies course is designed to introduce special education students to concepts that are necessary for them to function in a regular classroom environment. The content includes, but is not limited to, the following concepts: time management, decision-making strategies, following directions, time-on-task behaviors, use of visual aids, organization of work site, organization of information, textbook usage strategies, note taking, test-taking strategies, dictionary reference skills and researching and locating information.

COURSE TITLE: Social/Leisure Skill
CODE: SES331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The emphasis of this Focus course will be to provide the student with social and leisure skills required to enable the student to function as independently as possible. Course goals will address the following areas (as appropriate): arts, crafts, sports, personal fitness, dating, and other activities of interest to the students.

COURSE TITLE: Vocational Skill
CODE: SEV331

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The emphasis of this Focus course will be to provide the student with vocational skills required to enable the student to function as independently as possible. Course goals will address the following areas (as appropriate): world of work, prevocational, experienced-based activities, job experience and placement and work-related behaviors.

Foreign Language

COURSE TITLE: Spanish I

CODE: FLS301

GRADES: 9-12

COURSE LENGTH: 1 credit – Full year

Recommend: Successful completion of previous English course.

Emphasis in Spanish I will be placed on the communication skills: The ability to speak, understand, read, and write Spanish. Basic to the study of any language is an understanding of the grammar. As communication skills develop, through the study of structure and vocabulary, short dialogues and narratives will be presented, incorporating all previously learned material. In addition, selected historical, cultural and social aspects of the Spanish-speaking world will be studied through supplementary sources and with technological support.

COURSE TITLE: Spanish II

CODE: FLS401

GRADES: 9-12

COURSE LENGTH: 1 credit – Full year

Recommend: Successful completion of Spanish I.

Spanish II is designed for the student who has mastered the basics of the previous course or for those native speakers who demonstrate proficiency. The aim of the course is to continue development of the basic communication skills already begun in order that the student could survive in a Spanish-speaking environment. Students will become proficient communicating in the past tenses as well as present. Reading skills will develop through the use of text and supplementary materials. Writing skills will progress through a series of oral/written presentations based on real-life situations, moving from sentences to paragraphs and longer works. There will be continuation of the study of relevant cultural aspects through a variety of sources, including those supported by technology. All greetings and basic directions are in Spanish.

COURSE TITLE: Spanish III

CODE: FLS501

GRADES: 9-12

COURSE LENGTH: 1 credit – Full year

Recommend: Successful completion of Spanish II.

Spanish III is designed for the student who has completed two courses in Spanish, or for the native speaker who demonstrates proficiency. Spanish III continues the study of vocabulary, verbs, and grammar in more complex structures. Reading of authentic literary works begins. More challenging conversation practice is included. Written and oral presentations increase in length and complexity, and in a variety of tenses. The study of the language is directed at developing appreciation of the culture and integrating the self-expression of personal tastes, opinions, and experiences with target language skills. Technological support is essential and a great deal of instruction is in Spanish. Displays and presentations highlight the value of foreign language proficiency in personal and professional success.

COURSE TITLE: Spanish IV

CODE: FLS601

GRADES: 11-12

COURSE LENGTH: 1 credit – Full year

Recommend: Successful completion of Spanish III.

Spanish IV is designed for the student who demonstrates fairly developed skills in Spanish and a mature outlook. The structural principles of the previous course are essential, as is the ability to express personal ideas in basic Spanish. Advanced grammar and composition skills are developed. Vocabulary building continues through text-based study and a wide variety of supplementary sources, including Internet research. A variety of contemporary reading and video materials will support frequent conversation in Spanish. Most instruction is in Spanish. A text-based study of employment stresses the importance of second-language proficiency in personal and professional life.

COURSE TITLE: AP Spanish Lang

CODE: FLS615

GRADES: 11-12

COURSE LENGTH: 1 credit – Full year

Recommend: Spanish IV with an A or B average.

This course is highly structured preparation for the Advanced Placement Exam in Spanish Language. Nearly all major colleges and universities grant university credit toward graduation for scores of 3, 4, or 5 on a 5-point scale. Students will develop and demonstrate superior skills in listening, speaking, reading and writing through a carefully planned sequence of exercises, reading assignments, and listening-speaking practice, with frequent technological support and use of internet research; etc. All verb and grammar skills will be reviewed and expanded. Instruction is in Spanish.

An AP Spanish Language course covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/oral skills, reading comprehension, grammar, and composition.

All students enrolled in the class will be required to take the AP Exam in May to receive the weighted GPA.

COURSE TITLE: German I

CODE: FLG301

Recommend: Successful completion of previous English course.

GRADES: 9 -12

COURSE LENGTH: 1 credit – Full year

In the first year of study students are introduced to the fundamental communication skills of speaking, listening (comprehension), reading and writing in the target language. Students also begin to explore the cultural aspects of the German speaking world, through various projects and resources, including technology.

COURSE TITLE: German II

CODE: FLG401

Recommend: Successful completion of German I

GRADES: 9-12

COURSE LENGTH: 1 credit – Full year

The second level of study continues to stress the importance of the four basic skills: listening, speaking, reading and writing. Additionally, broader knowledge and appreciation of the cultural aspects is expected. Grammatically more complex tenses and structure are covered. All activities focus on mastering skills necessary for survival in the target language.

COURSE TITLE: Chinese I

CODE: FLC301

Recommend: Successful completion of previous English course.

GRADES: 9 -12

COURSE LENGTH: 1 credit – Full year

The foreign language I course is designed to teach students to pronounce and discriminate among the various vowel and consonant sounds and respond to and to imitate authentic patterns of intonation, rhythm, and pronunciation. Students learn to give simple oral and written information by using appropriate learned vocabulary, word order, and grammatical forms, and to read silently and aloud with comprehension. The major oral and written linguistic principles presented include the following: pronunciation and recognition of foreign language sounds; formation of affirmative, negative, and interrogative sentences; usage of articles and adjectives to correctly modify nouns; conjugation of various regular and irregular verbs; usage of the present, present progressive, future preterite, and imperfect tenses; usage of comparative, superlative, demonstrative, and possessive adjectives; formation of possession; usage of adverbs; and usage of direct and indirect object pronouns. Various short stories, essays, simple readers, magazines, newspapers, filmstrips, films, slides, videos and computer programs, that are representative of the culture of the different foreign language speaking countries, are used.

COURSE TITLE: Chinese II

CODE: FLC401

Recommend: Successful completion of Chinese I.

GRADES: 9 -12

COURSE LENGTH: 1 credit – Full year

The foreign language II course is designed to provide activities, projects, and experiences that enable students to appreciate and value the host nation's (or target language) culture, Students are also made aware of the value of foreign language study. Career opportunities are analyzed and students learn that the knowledge of a second language can be a useful tool in international, economical, and social situations. The major linguistic principles and language skills covered in level II include the following: usage of singular and plural nouns and interrogative, definite, indefinite, demonstrative and possessive adjectives; identifying and using the active voice in the indicative mood; identifying and using the imperative, the future tense, all forms of the past tense, progressives, and the subjunctive mood; identifying and using subject pronouns, direct object pronouns, indirect object pronouns, and the emphatic, reflexive, interrogative, demonstrative, and relative pronouns; identifying and using the most common prepositions; identifying and using comparison of adjectives; and identifying and using the formation of adverbs. Students should also be familiar with short stories, essays, magazines, simple readers, newspapers, filmstrips, films, slides, videos, and computer programs that are representative of the target language and culture. The content of the foreign language level II course includes teaching students to follow specific directions given in the target language, and to understand main ideas after listening to presentations on familiar topics. Students learn to speak in the target language using basic sentence patterns correctly, read a variety of materials in the target language, and demonstrate writing skills in the target language.

Health Education

COURSE TITLE: Health Ed I
CODE: HLH301

GRADES: 9-12
COURSE LENGTH: ½ credit – 1 semester
Required course for graduation

This required health education course is designed to help high school students extend their conceptualization of knowledge, attitudes, and skills related to health issues learned in middle school. The focus is on students dealing with the world today and preparing for adult living based on a health and wellness ethic. Developmentally appropriate concepts of personal and community health (PCH), safety (SFTY), mental health (MH), alcohol, tobacco, and other drugs (ATOD), and family life and human sexuality (FLHS) are taught in this course. Students will utilize health education concepts when applying health information literacy skills, enhancing intrapersonal and interpersonal communications, analyzing internal and external influences, and applying thinking, self-management, and advocacy to promote wellness and reduce health risks.

Instruction is based on the needs, interests, strengths, and culture of high school students. Personal knowledge, attitudes, and skills are developed along with the promotion of family and community health. The emphasis is on the application of health concepts through self or group-directed learning activities. Appropriate resources and technology are used for teaching and learning. Ultimately, parents are viewed as the primary health educators; along with community resources, they are encouraged to be partners in the school-based health education program.

Multiple authentic assessment strategies are used to enable students to develop their health-related knowledge, attitudes, and skills; e.g., performance, portfolio, or product assessment by the teacher, self, or peers.

Physical Education

COURSE TITLE: PE/Lifetime Sports
CODE: PEL301

GRADES: 10-12
COURSE LENGTH: ½ credit – 1 semester
Required course for graduation

This semester course, which is required for graduation is designed to enable students in grades ten through twelve to develop the movement skills, conceptual knowledge, and attitudes for enjoyable sports participation throughout life. The focus is on teaching and improving the specialized motor skills and tactical knowledge unique to a variety of selected lifetime sports activities.

This course provides instructional opportunity from among four or more categories of lifetime sports activities. Through enhanced understanding and application of tactics in a variety of lifetime sports categories, students find enjoyment in active participation.

COURSE TITLE: PE/Personal Fitness
CODE: PEF301

GRADES: 9-12
COURSE LENGTH: ½ credit – 1 semester
Required course for graduation

This semester course, which is required for graduation, is designed to enable students in grades nine through twelve to develop the movement skills and conceptual knowledge and attitudes to make the personal physical fitness decisions of adolescent. Developmentally appropriate concepts of movement, physical fitness, and personal and social development are included in this course. Students apply appropriate information and problem solving that will help them achieve an individual, optimal level of fitness and help them stay fit for a lifetime. The course focuses on why fitness is important, what an individual's exercise and activity needs are and how to assess them, and how to exercise safely.

Instruction is activity-based and designed to further develop students' interest in personal lifelong physical activity and fitness. Students participate in discussions and physical fitness self-assessment and other physical activities. Applications of concepts, thinking skills, and positive attitudes towards health-related and skill-related physical fitness are featured.

COURSE TITLE: Conditioning
CODE: PEG402 or PEG402S

GRADES: 10-12
COURSE LENGTH: ½ credit – 1 semester or 1 credit -
Full year

This semester or year course is designed to enable students in grades ten through twelve to continue to develop the movement skills and conceptual knowledge in sports and physical activities of the student's choosing. The course focuses on one category of sports, teaching and improving the motor skills and tactical knowledge unique to that category of sport or activity, which includes aerobics and strength training.

The focus is on continued skill development and enjoyment of sports participation through enhanced understanding and application of tactics in the context of game play. Multiple assessment strategies are used.

COURSE TITLE: PE-Activity and Nutrition
CODE: PEN301

Recommended : Personal Fitness PEF301 and Lifetime Sports PEL301

GRADES: 10-12

COURSE LENGTH: ½ credit – 1 semester

Required course for graduation.

This one semester physical activity and nutrition course is required for graduation. This course provides a variety of opportunities for students to experience alternative, non-competitive physical activities. It is designed to enable students in grades ten through twelve to develop the movement skills and conceptual knowledge necessary to implement a personal physical activity and nutrition plan. Students participate in non-competitive physical activity and meal planning with pre and post physical activity and nutrition assessments. Students access information, obtain and analyze data, and develop their own personal physical activity and nutrition plan.

Junior ROTC

JROTC motivates young people to be better citizens and prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American Citizens. The program is a stimulus for promoting graduation from high school and provides instruction and rewarding opportunities that will benefit the student, community and nation. Satisfactory completion can lead to advanced rank in the armed forces.

This Program Intends to Teach Cadets to:

- Appreciate the ethical values and principles that underlie good citizenship.
- Develop leadership potential, while living and working cooperatively with others.
- Be able to think logically and to communicate effectively with others, both orally and in writing.
- Appreciate the importance of physical fitness in maintaining good health.
- Understand the importance of high school graduation for a successful future, and learn about college and other advanced educations and employment opportunities.
- Develop mental management abilities.
- Become familiar with military history as it relates to America's culture, and understand the history, purpose, and structure of the military services.
- Develop the skills necessary to work effectively as a member of a team.

Each Leadership Education and Training (LET) level is based on the one that precedes it and includes progressive study in the following areas: drill and ceremonies; first aid, wellness and fitness; Geography and Earth Science; citizenship and American history. Additional work is done in Winning Colors, Unlocking Your Potential and Marksmanship.

COURSE TITLE: Army JROTC I

CODE: VER301

Recommend: Must be 14 years of age or older by the end of the semester.

GRADES: 9-12

COURSE LENGTH: 1 credit – Full year

The Army JROTC I course is designed to present the history, purpose, and objectives of the junior and senior JROTC program; the wearing of the uniform; respect for the flag and National Anthem; and organizational principles.

Instructional activities will include teaching the definition and importance of positive self-concept; the basic managerial and leader-ship skills; the identification of personality/physiological needs; and the dynamics of group interaction with emphasis on leadership and management of groups.

COURSE TITLE: Army JROTC II

CODE: VER401

Recommend: Army JROTC I (VER301)

GRADES: 10-12

COURSE LENGTH: 1 credit – Full year

The Army JROTC II course is designed to present discussion of self-concept; the definition of management: the elements of the leader-ship process; practical exercise in the development of leadership skills; the school of the soldier; the role of cadets as leaders; and the value of physical exercise and conditioning.

Instructional activities will provide for the study of injuries requiring special first aid, disease control, field sanitation, psychological first aid, and conditioning activities.

COURSE TITLE: Army JROTC III
CODE: VER501
Recommend: Army JROTC II (VER401)

GRADES: 11-12
COURSE LENGTH: 1 credit – Full year

The Army JROTC III course is designed to present discussion of military leadership and managerial techniques, the aspect of mutual respect (leader/subordinate relationship), the duties of a leader/manager, the building of teamwork and team spirit, the flow of communication, the management to operating level and back, the problem-solving process, staff supervision of assigned tasks, and staff functions and procedures.

Instructional activities will include the study of the duties and responsibilities of a leader, practical exercise in leadership development, the duties of the leader preparing for inspections, ceremonies, reviews and parades, and the value of physical exercise and conditioning activities.

COURSE TITLE: Army JROTC IV
CODE: VER601
Recommend: Army JROTC III (VER501)

GRADE: 12
COURSE LENGTH: 1 credit – Full year

The Army JROTC IV course is designed to present the psychology of leadership; review of LD-3 instruction; the moral aspects of leader-ship; group relations and behavior; indicators of leadership, communications, and management of resources; the problem-solving process; and practical exercises in problem solving and management.

Instructional activities will include the study of the following areas: seminar in leadership and management, leadership and small unit leader problems, assumption of command, chain of command, dissemination of information, promotion and development of subordinates, rewards and punishments, and High School Financial Planning (National Endowment for Financial Education).

Language Arts

Students must take a Language Arts class during each year of high school (grades 9, 10, 11, and 12) in sequential order. In all classes, the course of study is centered around language, literature, and composition, with a focus on the students' acquisition of more sophisticated language arts skills. Students will do personal, creative, narrative, persuading and expository writing at all grade levels.

Advanced Placement English is designed for those highly motivated students who are functioning at an advanced level of achievement and who are interested in pursuing a college-level class to earn college credit or to earn a DoDEA Honor's Diploma by taking the Advanced Placement exam in the spring. Students planning to enroll in an AP class next year are to check with the AP teacher at the end of the current year for required summer reading. Students enrolled in an AP English class must take the AP exam to receive the weighted GPA.

COURSE TITLE: Language Arts 9
CODE: LAE301

GRADE: 9
COURSES: 1 credit – Full year

The Language Arts 9 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, preparing oral reports; using the dictionary and the thesaurus to develop an increasingly comprehensive and precise vocabulary in both speaking and writing; locating resources in the media center; practicing the process of composition, including prewriting, drafting, revising, proofreading, and publishing; writing correspondence using appropriate forms (business, friendly); reading and writing about literature; and understanding that writing is done and that literature is written at different levels for different purposes and for different audiences.

COURSE TITLE: Honors Literature and
World History
CODE: LAE371

GRADE: 9
COURSE LENGTH: 1 credit – Full year

This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from Ancient Civilization to 1500 A.D. and covers the themes of culture, science/technology and society, geography, and time/continuity and change. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The themes of geography provide the focus for preparing students to understand how humans adapt to the environment. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. The grade will not be weighted. **Student must also enroll in Honors World/Lit 9.**

COURSE TITLE: Language Arts 10
CODE: LAE401

GRADE: 10
COURSE LENGTH: 1 credit – Full year

The Language Arts 10 course is designed to strengthen students' skills in listening, speaking, writing, literature and language. The content includes but is not limited to the following: reading, interpreting, and responding in various ways to a variety of types of literature including the short story, the novel, poetry, drama, and non-fiction; using public speaking and oral presentations in a variety of methods; using the writing process to address a variety of audiences and purposes, including autobiographical narration, exposition, and persuasion; using the media center and technological resources for research; reading self-selected books and responding to them by various individual and group activities; and studying and using correct sentence structure and grammatical usage.

COURSE TITLE: Honors Literature-
World History 10
CODE: LAE471

GRADE: 10
COURSE LENGTH: 1 credit – Full year

This is an integrated course for students interested in taking 10th grade Honors Social Studies and English. The course uses the chronological study of world history from 1500 to the present and covers the themes of culture, science and technology, economics, and government. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. The grade will not be weighted. **Student must also enroll in Honors World/Lit 10.**

COURSE TITLE: Language Arts 11
CODE: LAE501

GRADE: 11
COURSE LENGTH: 1 credit – Full year

The Language Arts 11 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, developing an increasingly comprehensive vocabulary in conversation and discussion; developing small group and large group discussion skills; inferring conclusions from a series of written and oral statements; respecting the presence of dialects and regional variations in speech; writing essays responding to social, political, and literary concepts; writing resumes; writing compositions of more than one paragraph using narration, exposition, and/or description; developing individual criteria for the aesthetic appreciation of literature; recognizing and understanding the use of literary and stylistic devices; dramatizing literature; experiencing a wide range of literary works written in the United States by writers from the major ethnic groups in the U.S. population, including both classic and modern works; using the media center research facilities; and reading self-selected books to help students learn to view reading as a useful and pleasurable activity. Students will continue to write in various modes, including a formal research paper. Emphasis will continue on correct sentence structure and usage.

COURSE TITLE: Language Arts 12
CODE: LAE601

GRADE: 12
COURSE LENGTH: 1 credit – Full year

The Language Arts 12 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, recognizing how continued development of communication skills can enhance one's future career and leisure activities; using communication skills in preparing for career choices; using the research skills necessary to meet the demands of post-secondary classes; using computer technology, where hardware is available, as an aid in writing compositions; writing in a clear and personal style; responding to literary masterpieces which are the common heritage of all people; with an emphasis on engaging in perceptive reading and critical analysis of English and world literature; engaging in discussions of philosophical questions as revealed in literary works; using the media center research facilities; and refining skills in grammatical usage and sentence structure.

COURSE TITLE: AP English Lang/Comp

GRADES: 11

CODE: LAC614

COURSE LENGTH: 1 credit – Full year

Recommend: Teacher recommendation, high achievement in previous language arts class (A in general level or B in honors class), at least 80 percentile verbal and reading scores on CTBS or other standardized test, and excellent reading and writing skills.

An AP course in English Language Composition is a college-level course designed to engage students in becoming skilled readers and writers of prose who understand and use effective strategies and techniques of mature writing. It will include both reading and analyzing varieties of prose from various fields and periods and employing the process of writing to produce writings for a variety of purposes and audiences in the various modes of discourse. The course should encourage students to develop an individual style of writing acceptable for different occasions and for writing in college.

The course will include the organized study of the structures of sentences, paragraphs, and larger patterns of discourse to introduce students to the structural and rhetorical resources of language. This study will enable students to recognize and work with such areas as kinds and levels of diction, varieties of sentence structures, logical and functional relationships of sentences within paragraphs and of paragraphs within essays, the modes of discourse (narration, description, persuasion, argumentation, and exposition), the aims or purposes of discourse, various rhetorical strategies, and the interrelationship of author, audience, subject, purpose, and language employed.

The AP Language and Composition course assumes that students already understand and use standard English grammar. The intense concentration on language use in this course should enhance students' ability to use grammatical conventions both appropriately and with sophistication as well as to develop stylistic maturity in their prose.

Students enrolled in the class must take an Advanced Placement Examination offered in May; additionally, this is a requirement in order for students to receive the weighted GPA.

COURSE TITLE: AP English Lit/Comp

GRADES: 12

CODE: LAL613

COURSE LENGTH: 1 credit – Full year

Recommend: Teacher recommendation, high achievement in previous language arts class (A in general level or B in honors class), at least 80 percentile verbal and reading scores on CTBS or other standardized test, and excellent reading and writing skills.

Advanced Placement English Literature is designed for the college-bound senior who desires an academically challenging course the opportunity to pursue college-level studies while in high school. This is a rigorous course comparable to a college honors class, not a regular college freshman class, and affords students the opportunity to earn college credit at most colleges and universities in the United States, with an acceptable score on the Advanced Placement examination given in the spring. The course seeks to develop mature skills in critical reading and in writing about literature and related areas and includes both the practice of writing and reading and critical analysis of literature.

Students enrolled in the class must take an Advanced Placement Examination offered in May; additionally, this is a requirement in order for students to receive the weighted GPA.

ESL

COURSE TITLE: ESL I – Beg Comm -1 hr

GRADES: 9-12

ESL II – Dev Comm -1 hour

CODE: LAA301

LAA401

COURSE LENGTH:

Recommend:

1 credit – Full year

1. a parent or guardian whose native language is not English.

2. a qualifying score on the Terra Nova or a comparable National Standardized test.

3. a qualifying score on the IDEA (language proficiency test) or a comparable standardized ESL test.

2 years of ESL may be substituted for 2 years of English Language Arts

The English as a 2nd language course is designed to strengthen the English language skills of students who speak other languages, including the skills of listening, reading, speaking, and writing. The content includes, but is not limited to, verbalizing concrete and abstract experiences orally; practicing the sound system and syntax of English; listening to English to practice comprehension; practicing the process of composition, including prewriting, drafting, revising, proofreading, and publishing; and developing verbal skills necessary for the world of work and/or post-secondary education.

The following electives may not be counted toward fulfilling the Language Arts requirements for graduation.

COURSE TITLE: Journalism
CODE: LAJ401

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year
This is a repeatable course.

The journalism course encourages student responsibility for the development of personal and staff management skills, for the production of a publishable product, and for adherence to ethical values affecting journalists, while helping students at the same time to refine and put to practical use their thinking, writing, and critiquing skills. The study of journalism will also introduce students to the problems and opportunities present in mass media today. The content includes, but is not limited to, choosing and using appropriate writing techniques in preparing publishable material (applying the conventions of English usage, using effective words, sentences, and paragraphs, using effective techniques in preparing for interviews and conducting effective interviews, writing publishable newspaper stories); utilizing accepted techniques in the preparation of journalistic material (applying ethical methods of obtaining information for use in writing, rewriting, editing, and proofreading material, writing headlines, identifying material appropriate for school publication, creating an aesthetic page layout, demonstrating balanced writing on controversial issues, differentiating between fact and opinion, and practicing assigned staff responsibilities in an efficient manner); recognizing ethical issues in the practice of journalism [recognizing situational factors affecting publication of material, checking sources to ensure reliability, displaying good taste, and avoiding plagiarism]; and demonstrating personal development congruent with journalistic practices, demonstrating the ability to follow journalistic work schedules and deadlines, using managerial and supervisory skills, functioning without supervision, and analyzing journalistic materials based upon accepted standards.

Instructional activities will be provided in a general classroom setting, and in the school and community environment. Student activities will include, but will not be limited to, reporting, interviewing, writing, rewriting, editing, proofreading, selecting content suitable for a school newspaper preparing page layouts, photographing, selecting photographs, performing assigned staff responsibilities, making judgments about acceptable and legal journalistic practices, typing/reproducing materials, and managing/supervising staff members. The class produces 4 to 6 school newspapers a year.

Students will be evaluated on the performance of the tasks assigned them, the quality and the timeliness of the product, the written products, and the demonstration of the understanding of the ethical issues inherent in the practice of journalism.

COURSE TITLE: Speech
CODE: LAS401S

GRADES: 9 -12
COURSE LENGTH: 1/2 credit – 1 semester

This course is designed to prepare students to use the techniques of oral expression both in the classroom and in other situations as well. The course requires students to create a variety of speeches that reflect careful thought in planning, organization, and effective delivery. The content includes but is not limited to identifying the purpose and audience for a speech; selecting the general topic and refining to a specific topic; making a statement of the thesis; selecting appropriate resources and information; outlining (selecting main points and supporting information); creating a bibliography; preparing and using appropriate visual aids; modifying information for a particular audience; writing introductions and conclusions; using appropriate delivery techniques; evaluation delivery, content, and pattern of organization; delivering oral or written critiques; and evaluating a speech according to established criteria.

Reading Lab

COURSE TITLE: Reading Lab

COURSE LENGTH: 1 elective credit-Full year

CODE: RED305 Reading Lab 9

GRADE LEVEL: 9

CODE: RED405 Reading Lab 10

GRADE LEVEL: 10

CODE: RED505 Reading Lab 11

GRADE LEVEL: 11

CODE: RED605 Reading Lab 12

GRADE LEVEL: 12

Enrollment in reading and standardized reading scores at the 25% percentile or below.

Reading Lab is a course designed to help less proficient readers increase speed, comprehension, and fluency through the use of the Read 180 program, independent reading, and small and whole group instruction. Students will work on a multitude of reading concepts to improve their reading ability.

Mathematics

COURSE TITLE: Algebra I
CODE: MAA301

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

This course may be the most common entry-level course for students who have had a rich and varied middle level mathematics program. It expands upon basic algebraic concepts previously acquired and integrates those principles with everyday life. The processes of problem solving, reasoning, communication and making connections are emphasized. Students will use formulas, functions, and equations to describe and clarify relationships, and will use geometry to represent algebraic relationships. Students will learn to use, a variety of problem-solving strategies, which include the use of equations, charts, graphs and technology. Students in this class **should have** their own scientific calculators.

COURSE TITLE: Geometry
CODE: MAG401

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

Geometry is designed to develop and promote student reasoning and problem solving involving geometric concepts and properties. It incorporates a student's algebraic knowledge with a logical development of plane geometry, solid geometry, and coordinate geometry. Topics of study will include deductive reasoning using points, lines and planes; segments, angles and triangles; quadrilaterals; polygons; and three-dimensional figures. Problem-solving and practical applications are stressed throughout the course. Students in this class **should have** their own scientific calculators.

COURSE TITLE: Algebra II
CODE: MAA401

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year

Recommend: Algebra I

This course engages students in algebraic concepts through the study of functions, matrices, probability, sequences and series. Students will make connections by integrating algebra with geometry, probability trigonometry, data analysis, and into other curricular areas. Topics to be covered are linear equations and inequalities, matrices, and determinants, quadratic equations, functions, powers and roots exponential and logarithmic functions, polynomials, functions, rational functions, quadratic relations, sequences and series, trigonometric functions and graphs, probability and statistics. Problem solving, graphing, and the use of calculators will be integrated throughout the course. Students in this class **should have** their own scientific calculators.

COURSE TITLE: Discrete Math
CODE: MAZ501

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year

Recommend: Algebra I and Geometry

Discrete mathematics is the study of mathematical properties of sets and systems that have a countable number of elements. Discrete Mathematics can be viewed as the mathematics necessary for decision making in non-continuous situations. It has many practical applications that are useful for solving some of the problems of our society and affords students the opportunity to be able to function as informed citizens in an increasing technological society. The training will concentrate on topics such as: graph theory; recursion; finite state machines; algorithm analysis and development; and mathematics ordering and collections.

COURSE TITLE: Math Analysis
CODE: MAD501

GRADES: 11-12
COURSE LENGTH: 1 credit – Full year

Recommend: Algebra II and Geometry

This course will involve students in the study of operations with functions and equations, circular functions, vectors, applications of matrices, complex and polar coordinates, recursion, rates and areas, statistics, algebra, and algorithms. Problem solving in real world applications involving these units of study will be the beginning and focal points of lessons. Reasoning in trigonometry, probability, discrete math, mathematical structure, and the conceptual underpinnings of calculus is a major emphasis in this course. Students in this class **should have** their own scientific calculators.

COURSE TITLE: AP Calculus AB
CODE: MAC612
Recommend: Math Analysis

GRADES: 11 – 12
COURSE LENGTH: 1 credit – Full year

The aim of AP Math is to focus attention on mathematical ideas, which are appropriate for study by college capable students, especially those interested in the field of science. The concepts and content for AP Calculus course incorporate the syllabus of the College Board. Graphing calculators are needed for this course as mandated by the College Board.

An intense study of function—algebraic, trigonometric, logarithmic, and exponential—occurs in this course. The derivative (Rate of Change) and applications of integration (Area, Volume) are incorporated into the study of each function. The course emphasizes a multi-representational approach to calculus and concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally.

Students enrolled in the class will be required to take the AP exam in May to receive the weighted GPA. A majority of colleges in the United States will grant both placement and credit to students who test results demonstrate competency in this area.

AP Calculus AB is a college-level course which differs from a high school calculus course in terms of depth of coverage and time commitments for study. The content is organized to emphasize major topics which include the following: (1) functions, graphs, and limits; (2) derivatives, and (3) integrals. These topics are detailed in the AP Calculus AB course description, which is available at AP Central (<http://apcentral.collegeboard.com>).

COURSE TITLE: AP Statistics	GRADE LEVEL: 11 - 12
CODE: MAZ611	COURSE LENGTH: 1 credit – Full year
SUGGESTED PREPARATION: Algebra I and Algebra II	

AP Statistics provides a systematic development of the concepts, principles, and tools of statistics with an emphasis on inquiry and critical-thinking skills associated with the collection, representation, analysis, and drawing conclusions from authentic data. Technology is a central component of the course and includes the use of graphing calculators, computers, and data analysis software. The College Board requires the use of graphing calculators for this course.

Though our system has an open enrollment policy, students should understand that this course is designed to be a fourth-year mathematics course, and the equivalent of an introductory, one-semester, non-calculus-based, college-level statistics course. The course requires a working knowledge of Algebra II, and quantitative reasoning. Teaching strategies include collaborative small-group work, pairs engaged in data analysis, whole-group presentations, peer-to-peer discussions, and an integration of technology when appropriate. All aspects of progress in the course are measured using multiple methods such as authentic, performance, observational, and assessment for learning (formative); group and individual projects, student presentations, and assessment of learning (summative). Students are expected to take the AP Statistics Exam at the end of this course.

AP Statistics is a college-level course which differs from a high school statistics course in terms of depth of coverage and time commitments for study. The content is organized to emphasize major topics which include the following: (1) data investigation, (2) designing and conducting studies, (3) anticipating patterns using probability and simulations, and (4) statistical inference. These topics are detailed in the AP Statistics course description, which is available at AP Central (<http://apcentral.collegeboard.com>).

The following electives may not be counted toward fulfilling the Mathematics requirements for graduation.

COURSE TITLE: Algebra I Lab

CODE: MAA305

Recommend: Enrollment in Algebra I and teacher approval supported by standardized Math test scores below the 50th percentile

GRADES: 9-12

COURSE LENGTH: 1 credit – Full year

This class will support and reinforce the basic algebraic concepts taught in the Algebra I, MAA 301, course. Students will have additional opportunities to learn how to write and translate expressions into mathematical forms, solve first and second degree equations, and use the concept of a function to model real-world phenomena. They will also expand their problem solving experiences to further develop their reasoning, representation, connections, and communication skills.

Students will experience activities that reinforce and enhance their understanding of the algebraic concepts taught in the regular class. Learning will be experienced through concrete and modeling activities, whenever possible, with less emphasis on computational or symbolic manipulation. Instructional activities will include the use of graphing calculators, computer software, and manipulatives.

Students will be evaluated using assessments which document students' growth and improvement in understanding the algebraic concepts defined for Algebra I.

COURSE TITLE: Geometry Lab

CODE: MAG405

Recommend: Enrollment in Geometry and teacher approval supported by standardized Math test scores below the 50th percentile

GRADES : 9-12

COURSE LENGTH: 1 credit – Full year

This class will support and reinforce the basic geometric concepts taught in the Geometry, MAG 401, course. Students will have additional opportunities to develop two- and three-dimensional reasoning skills, to understand coordinate and transformational geometry, trigonometric relationships, and to use geometric models to solve problems. They will build on their problem solving experiences to further develop their deductive and inductive reasoning skills, and methods of justifications. A variety of applications and some general problem-solving techniques will be used, including algebraic skills.

Students will experience activities that reinforce and enhance their understanding of the geometric concepts taught in the regular class. Learning will be experienced through concrete and modeling activities, whenever possible, with less emphasis on computational or symbolic manipulation. Instructional activities will include the use of graphing calculators, geometric computer software, and other appropriate manipulatives to promote student reasoning and discovery of geometric concepts.

Students will be evaluated using assessments which document students' growth and improvement in understanding the geometric concepts defined for Geometry.

COURSE TITLE: Math Lab III

CODE: MAA405

GRADES: 10-12

COURSE LENGTH: 1 credit – Full year

This class will support and reinforce upper level mathematics courses such as Algebra II or Discrete Mathematics. Students will experience activities that reinforce and enhance their understanding of the mathematics standards taught in the regular class. Instructional activities will include the use of graphing calculators, computer software, and other appropriate manipulatives to promote student reasoning and discovery of mathematic concepts. Students will be evaluated using assessments which document students' growth and improvement in understanding the mathematic standards defined for the course.

Professional Technical Studies

Clusters/Pathways/Courses

Students will receive a Professional Technical Studies (PTS) endorsement for completing any of the following pathways. A total of 4 credit units must be completed in each pathway, including the required courses.

Cluster: Business Management & Administration

Pathway: Business Financial Management and Accounting

Required Courses: Accounting I, Accounting II,

Recommended Courses: Presentation Software Apps, Spreadsheet Software Apps, Word Process Software Application, Career Practicum, Business Law.

Pathway: Administration and Information Support

Required Courses: Word Process Software App, Presentation Software Apps, Spreadsheet Software Apps,

Recommended Courses: Accounting I, Website Development, Career Practicum, Publication Software.

Cluster: Government & Public Administration

Pathway: National Security (JROTC)

Required Courses: JROTC I, II, III,

Recommended Courses: Psychology, Speech, Street Law, JROTC IV, Career Practicum.

Cluster: Information Technology

Pathway: Programming/Software Engineering

Required Courses: JAVA I & II or AP Computer Science A/AB,

Recommended Courses: Web Site Development, Algebra II, Career Practicum.

Cluster: Science, Technology, Engineering & Math

Pathway: Engineering & Technology

Required Courses: Engineer Draw/CAD

Recommended Courses: Career Practicum I, Computer Animation, JAVA I, JAVA II, Math Analysis, Physics, Engineering Design/Development, Architectural Drawing, AP Computer Science A or AB.

Professional Technical Studies

BUSINESS COMPUTER STUDIES

Accounting & Finance
Applied Business & Computer Applications
Computer Science

COMMUNICATIONS TECHNOLOGY

Graphics Communication Technology

ENGINEERING & SCIENTIFIC TECHNOLOGY

Architectural Studies
Network Technology
Pre-Engineering Studies

HEALTH & HUMAN SERVICES

BUSINESS COMPUTER STUDIES

COURSE TITLE: Word Processing Software Application – (WORD) CODE: PTI303	GRADES: 9-12 COURSE LENGTH: 1/2 credit – 1 semester
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Word Processing Applications (WORD) is designed to provide students with the opportunity to develop professional level skills in word processing software. Emphasis is placed on organization of work; keystroke skills; command functions; grammar, spelling and proofreading for mailable copy; and problem solving using simulated or real projects.

COURSE TITLE: Presentation Software App CODE: PTI304 (POWERPOINT)	GRADES: 9-12 COURSE LENGTH: 1/2 credit - 1 semester
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Presentations Software Applications provides students with the opportunity to develop professional level skills in presentations software. Microsoft Office 2000/POWERPOINT will be used in this course. Students successfully completing this course will be **eligible** to take at least one of the user or specialist exams for presentation software certification.

COURSE TITLE: Spreadsheet Software App CODE: PTI306S (EXCEL)	GRADES: 9-12 COURSE LENGTH: 1/2 credit – 1 semester
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Spreadsheet Software Applications provides students with the opportunity to develop professional level skills in spreadsheet software. Microsoft Office 2000/EXCEL will be used in this course.

Instruction will be provided in a lab utilizing individualized instruction and electronic learning services. Students successfully completing this course will be **eligible** to take at least one of the user or specialist exams for spreadsheet software certification.

COURSE TITLE: Accounting I CODE: PTB402	GRADES: 10-12 COURSE LENGTH: 1 credit – Full year
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Accounting I introduces students to accepted accounting principles and the complete basic accounting cycle, which includes financial statements for service and merchandising businesses. Additional topics covered are payroll, notes, depreciation, forms of ownership, and the importance of ethics. Students will be required to demonstrate an understanding of accounting by passing objective and problem-solving tests and the successful completion of projects.

COURSE TITLE: Accounting II CODE: PTB502 Recommend: Accounting I	GRADES: 11-12 COURSE LENGTH: 1 credit – Full Year
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Accounting II expands the accounting concepts learned in Accounting I. Students will be introduced to partnership and corporate accounting concepts, accounting procedures for manufacturing businesses, cost and managerial concepts, and analysis tools. Notes and depreciation will be studied in greater depth. Students will work independently utilizing appropriate computer software, textbook, workbook problems, and business simulations projects.

COURSE TITLE: Business/Personal Finance CODE: PTB301	GRADES: 9-12 COURSE LENGTH: 1 credit – Full Year
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Business/Personal Finances is designed to make the student aware of the financial challenges confronting them in daily living. Included will be such topics as how to make intelligent decisions in spending and saving; how to maintain good financial records; how to avoid financial disasters that result from the unwise use of credit and credit cards; information about banking services, insurance choices, investment choices, and income tax preparation. Students will be required to demonstrate their mastery of skills through activities, tests, projects, and presentations.

COURSE TITLE: Publication Sfwr Apps CODE: PTI308S	GRADES: 9-12 COURSE LENGTH: ½ credit – 1 semester
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Publication Software Applications is a course designed for students with an interest in desktop publishing. This course will prepare the student for the InDesign Certification Exam as well as provide training in the software for personal use, employment, and advanced education.

The objectives covered on the Certification Exam are listed on the Adobe Web site. The link is:
http://partners.adobe.com/public/en/ace/ACE_Exam_Guide_InDesign.pdf

COURSE TITLE: Marketing & Entrepreneurship CODE: PTB501	GRADE LEVEL: 11-12 COURSE LENGTH: ½ credit – 1 semester
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The marketing / entrepreneurship course enables students to gain a basic understanding of marketing principles, techniques, career opportunities, learning to recognize a business opportunity and operating and maintaining that business. Instruction will include the relationship of products, prices, promotions to the marketing of goods and services to consumers. Ethics and social responsibilities of free enterprise will be included. This course includes planning and strategy concepts, financial and organizational considerations, accounting and financial controls, and other components of business operation. Students will have the opportunity to gain skills in emerging technologies that become the standard for conducting global business (E-Commerce). The course will include workplace skills such as time management, money management, materials management, human resources management, facilities management, teamwork, decision-making, problem solving, negotiations, work ethics, and creative thinking.

COURSE TITLE: Business Law CODE: PTB503	GRADE LEVEL: 11-12 COURSE LENGTH: 1 credit – Full year
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Business Law provides the student with a survey of the American legal system. This course develops an understanding of law as applied to society and to the individual. Topics include the judicial system, contracts, warranties, guarantees, consumer protection, real property, landlord and tenant relationships, sole proprietorship, partnerships, and corporations

COMPUTER STUDIES

COURSE TITLE: Java I-DL CODE: PTP3050T	GRADES: 10-12 COURSE LENGTH: 1/2 credit – 1 semester
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Programming in Java is a one-semester course designed to teach students Java programming concepts using a structured approach. Students will develop Java applications and applets. Problem solving and program documentation will be emphasized. This course is a Distance Learning course.

COURSE TITLE: Java II-DL CODE: PTP3060T Recommend: Java I (PTP3050T)	GRADES: 10-12 COURSE LENGTH: 1/2 credit – 1 semester
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Programming in Java II is a one-semester course designed to teach students Java programming concepts using a structured approach. Students will develop Java applications and applets. Problem solving and program documentation will be emphasized. This course is a Distance Learning course.

COURSE TITLE: AP Computer Sci A-DL
CODE: PTP511UT
Recommend: Java I & II

GRADES: 11-12
COURSE LENGTH: 1 credit – Full year

The AP Computer Science courses are introductory courses in computer science. Because the development of computer programs to solve problems is a skill fundamental to the study of computer science, a large part of the course is built around the development of computer programs or parts of programs that correctly solve a given problem. The course also emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. This course is a Distance Learning course.

Students enrolled in the class will be required to take the AP exam in May to receive the weighted GPA.

COMMUNICATIONS TECHNOLOGY

COURSE TITLE: Yearbook Production
CODE: AAY301
Recommend: Students will be selected by teacher recommendation.

GRADES: 10 -12
COURSE LENGTH: 1 credit – Full year
Repeatable Course

The yearbook production course is a practical course designed to produce the official yearbook for the school. All phases of yearbook production, including photography, copy writing, page layout, and book and advertisement sales are included. The concept of accurate photojournalism is balanced with the need to present the events, activities, and personalities of the school year in a positive manner.

COURSE TITLE: Web Site Dev/Mgt
CODE: PTI407S
Recommend: Keyboarding, Fluency in Computer Sci

GRADES: 10 - 12
COURSE LENGTH: 1/2 credit – 1 semester

In Web Site Development & Management, students will design, implement, and manage a web site. This is a hands-on laboratory course designed to teach students the concepts, skills and processes involved in web site development and management.

Students will evaluate a variety of existing web sites for content, design, and functionality. Students will work collaboratively to design, construct, and maintain an interactive web site based on a single theme or project. Students will use electronic learning services to access additional resources.

ENGINEERING & SCIENTIFIC TECHNOLOGY

COURSE TITLE: Engineer Draw-CAD
CODE: PTE303

GRADES: 9-12
COURSE LENGTH: 1 credit – 1 full year

Engineering drawing is a Computer Aided Drawing and Design (CAD) course designed to provide beginning students with instruction in computer graphic skills and design fundamentals. Students will learn the use of a CAD system for two-dimensional drawing and three-dimensional modeling. Through the use of the Internet students will explore the wide range of CAD technologies and applications. This course is strongly recommended for students aspiring to become engineers, architects, and engineer technicians.

The content includes, but is not limited to, orthographic projections, pictorial drawings, working drawings for construction and manufacturing, graphical solutions, measurements in both metric and customary systems. Instructional activities are provided in the laboratory using hands-on experiences with equipment and materials related to course content. Students will be required to plan and produce projects. They will develop solutions to problem solving activities, present ideas and information in writing. Students will investigate content-related occupations, make visits to industries, assume leadership roles and work cooperatively.

Course work completed will be analyzed and evaluated for accuracy and use of drawing concepts. Written reports will be graded for content and form. In addition, the students will be evaluated on their ability to cooperatively work together and solve problems.

Instructional activities are provided in the engineering technology laboratory setting, using hands-on experience with equipment and materials related to course content. Student teams will be required to plan, design, and produce projects; develop solutions through problem solving activities, present ideas and information orally and in writing. Students will investigate content-related occupations; make visits to industries; assume leadership roles and work cooperatively. Students will have the opportunity to interact with engineers through a mentoring program.

Students will be evaluated through laboratory content and practical tests. Projects will be analyzed and evaluated for meeting the essential objectives, creativity, and presentation quality. In addition, the students will be evaluated on their ability to cooperatively work together and solve problems.

COURSE TITLE: Computer Animation
CODE: PTI409

GRADES: 10-12
COURSE LENGTH: 1 credit – Full year

The Computer Animation course is designed to provide students with the instruction and skills to create digital illustrations, modeling and animation, character animation, digital motion imagery, and game design. The content includes, but is not limited to, 3D modeling, materials and textures, rendering, and computer animation. This course will utilize software programs to develop animation, morphing, 3-D graphics, and virtual reality projects. It is recommended that aspiring graphic designers, computer animators, electronic game designers, engineers, CAD technicians, architects, interior decorators take this course. This course may be used as an Applied Engineering Technology major as part of the School-to-Work transition guidelines.

Instructional activities are provided in the laboratory setting, using hands-on experiences with tools, equipment, and materials related to course content. Students will be required to plan, design, and produce projects; develop solutions to problem solving activities, present ideas and information orally and in writing; investigate content-related occupations; assume leadership roles and work cooperatively.

Students will be evaluated through laboratory practice and performance tests. Projects will be analyzed and evaluated for craftsmanship, originality, creativity, accuracy, and application of computer animation concepts. Presentations will be graded for content delivery and audience using established criteria. Students will be evaluated regarding how successfully they work together while designing and completing projects.

COURSE TITLE: Engineer Design-Dev
CODE: PTE603

GRADES: 10 -12
COURSE LENGTH: 1 credit – Full year

The Engineering Design and Development course forms the capstone project for the Pre-Engineering curriculum. In this course, students will work in teams of two to four individuals to design and construct the solution to an original engineering problem. Each design problem is taken from a database of design problems offered to all DoDEA students enrolled in the course. As students work on their capstone project they will develop technical writing skills and use a variety of CAD, CAM, GIS, fabrication, manufacturing, and robotics technologies. Students will also maintain an engineering journal and develop a portfolio. This course is the culmination of the pre-engineering curriculum and is intended as an opportunity for students to utilize all the skills acquired through the pre-engineering strand of courses.

Instructional activities are provided in the laboratory setting, using hands-on experiences with tools, equipment, and materials related to course content. Students will be required to work in teams as they plan, design, and produce projects. They will also develop solutions to problem solving activities, maintain a technical journal, produce a portfolio, and present ideas and information orally and in writing. Students will assume leadership roles and work cooperatively.

Students will be evaluated through laboratory practices, safety, and procedural equipment tests. Projects will be analyzed and evaluated for successful solution, originality, creativity, accuracy, and understanding of concepts. Written and oral reports will be graded for content and form. In addition, the students will be evaluated regarding how successfully they work together to design solutions to engineering problems.

COURSE TITLE: Architectural Draw
CODE: PTE305

GRADES: 10 -12
COURSE LENGTH: 1 credit – Full year

Recommend : Engineering Drawing

The architectural drawing course is designed to provide students with instruction and skills in computer aided drawing (CAD) fundamentals commonly used in the production of residential and commercial buildings. The course includes the study of the basic fundamentals of design, and the skills related to the production of architectural designs. The content includes, but is not limited to, designing interior and exterior elements of structures in both two-dimensional and three-dimensional representations. Students will prepare presentations of designs created using CAD technology. It is recommended that aspiring architects, designers, engineers, CAD technicians, interior decorators take this course. This course may be used as an Applied Engineering Technology major as part of the School-to-Work transition program.

HEALTH & HUMAN SERVICES

COURSE TITLE: Career Practicum – 2 Hr
CODE: PTW502

GRADES: 12
COURSE LENGTH: 1 credit per class period – Full year

Career Practicum is designed to provide school-to-career experiences and training through a work practicum related to their career goal. Each training site will provide hands-on experiences that are related to students' particular interests. A new training site may be selected each quarter. There are a few sites where students may be monetarily compensated, but most sites are non-paying. Students must provide their own transportation. In addition, students will complete job applications, participate in a job interview, prepare a resume and cover letter, research a career, and complete interest and aptitude instruments. Career Practicum extends student educational opportunities beyond the curricular, physical, and financial resources of the school. Their mentor at their job site and the Career Practicum Coordinator will evaluate students.

COURSE TITLE: Career Decision Making
CODE: PTW301

GRADES: 9-12
COURSE LENGTH: ½ credit – 1 semester

Career Decision Making is designed to provide students with in-depth research of the world of work through self/career awareness, occupational exploration, career interests, work activities, work situations and environment, attitudes toward work, and career planning. Using the information obtained in this course, students are able to understand and to focus on career planning and work relationships. Through the study of various occupations and work opportunities, students will focus on emerging careers in order to make sound decisions as related to career planning. Topics to be studied include: self and career assessments, career exploration, job application activities and techniques, college and technical preparation opportunities, personal qualities required in a work environment, electronic information sources.

Pupil Personnel Services - College Entrance Preparation

COURSE TITLE: College Entr Prep
CODE: PPS401

GRADES: 11-12
COURSE LENGTH: ½ credit – 1 semester

The College Entrance Preparation course is designed to review and reinforce knowledge of content included on the Scholastic Aptitude test. In addition, the course should help students get better acquainted with the SAT and ACT, and in the process, alleviate some of the anxiety associated with taking this important test which could result in major implications for future educational pursuit.

Science

COURSE TITLE: Biology
CODE: SCB401

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

Biology is designed to provide students with an integrated approach to the study of living organisms, in addition to science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function. Scientific inquiry is emphasized through practical implications and meaningful applications. Dissection labs will be incorporated throughout the course.

COURSE TITLE: Physics App in Community (Intro to Physics)	GRADES: 9-12
CODE: SCP302	COURSE LENGTH: 1 credit – Full year
Recommend: Algebra I or concurrent	

Introduction to Physics presents concepts of physics in relation to world experiences. Information is presented in an integrated approach, linking physics with technology, social perspectives, and the history and nature of science.

The course presents a thematic approach to physics using explorations of topics. Kinematics and dynamics are introduced by studying the physics of sports and transportation systems. Communication and information technologies are used to examine wave theory, light, and sound. Electrical and thermal energy topics are studied within the context of the home, as well as on a global scale. Applications of physics to health and medicine provide opportunities to study x-rays, CT scans, and ultrasound. Scientific predictions, such as those associated with radioactive decay, Newton’s first two laws, the Law of Universal Gravitation, and special relativity, are contrasted with non-scientific views in order to highlight the characteristics of good science.

COURSE TITLE: Environmental Science	GRADES: 10-12
CODE: SCZ401	COURSE LENGTH: 1 credit – Full year

Environmental Science is designed to be an elective course for students with a special interest and high motivation for an in-depth study of environmental science. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. Topics students study include, but are not limited to, the laws of matter and energy, ecosystem analysis, population dynamics, renewable and nonrenewable resources, human impact on the environment, and the relationships among economics, politics, ethics, and the environment.

COURSE TITLE: Earth & Space Science	GRADES: 9-12
CODE: SCZ302	COURSE LENGTH: 1 credit – Full year

Earth and Space Science is designed to help students understand the world around them and increase their ability to evaluate that world. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function. The purpose of this course is to give students

COURSE TITLE: Chem Apps in Community	GRADES: 10-12
CODE: SCC502	COURSE LENGTH: 1 credit – Full year
Recommend: Algebra I or concurrent	

Chemistry Applications in the Community is an entry level course designed to help students understand the chemistry behind some important societal issues. Information is presented in an integrated approach with science as inquiry, science and technology, science and social perspectives, and the history and nature of science. The course integrates unifying science concepts and processes of systems, order and organization, evidence, models and explanation, change, consistency and equilibrium, and form and function.

COURSE TITLE: Chemistry	GRADES: 10-12
CODE: SCC501	COURSE LENGTH: 1 credit – Full year
Recommend: Algebra I	

Chemistry is the study of how the properties of matter are a result of its structure and the use of this knowledge to make new materials. The course is designed to help students understand the major principles of chemistry. The study of basic chemistry principles combines problem solving, practical application and laboratory activities. Chemistry students are expected to have a good command of algebra and a keen interest in scientific study. This course emphasizes scientific inquiry. Topics students study include atomic theory and structure, chemical bonding, principles of chemical reactions, molecular structures, and how science and technology relate to chemistry.

COURSE TITLE: Physics

GRADES: 11 -12

CODE: SCP501

COURSE LENGTH: 1 credit – Full year

Recommend: Algebra II

This course is a qualitative study of the central concepts of physics with an emphasis on comprehension rather than computation. Physics is designed to provide an understanding of the physical laws fundamental to all sciences. It presents the basic concepts of physics as they relate to things and events that are familiar in the everyday environment. This course provides the fundamental knowledge needed for more advanced study in physics. Instructional activities include laboratory experiences (many using computers to collect and analyze data), discussions, demonstrations, and problem-solving sessions. Topics include: mechanics, relativity, fluids, thermodynamics, waves and sound, optics, electricity, and atomic physics.

COURSE TITLE: AP Biology

GRADES: 11-12

CODE: SCB612UT

COURSE LENGTH: 1 credit – Full year

Recommend: Biology I and Chemistry

The AP Biology course is designed to be the equivalent of a college introductory course usually taken by biology majors during their first year. The course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with information in the rapidly changing science of biology. This course is a Distance Learning course.

Students enrolled in the class will be required to take the AP exam in May to receive the weighted GPA.

COURSE TITLE: AP Chemistry

GRADES: 11-12

CODE: SCC612

COURSE LENGTH: 1 credit – Full year

Recommend: Algebra II and successful completion of Chemistry

AP Chemistry is a course in the principles of chemistry for students who have career interests in medicine, engineering, or other scientific technical fields. The course is designed to be the equivalent of the general chemistry course usually taken during the first college year.

Students attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. This course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbooks used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by the students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory.

Students enrolled in the class will be required to take the AP exam in May to receive the weighted GPA.

COURSE TITLE: AP Environmental Science

GRADES: 11-12

CODE: SCZ611

COURSE LENGTH: 1 credit – Full year

Recommend: Biology, Chemistry, and Algebra I

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study including geology, biology, environmental studies, environmental science, chemistry, and geography.

All students taking AP Environmental Science will also be enrolled in the accompanying Lab class.

Social Studies

COURSE TITLE: World Regions
CODE: SSC301

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The world regions/cultures course is designed to study other cultures so students can understand the global community in which they live. An overview of physical geographic concepts and skills is basic to this course. Its emphasis is on the cultures of the Southwest Asia (Middle East), Africa, South Asia, Central Asia, East Asia, Southeast Asia, and Europe.

COURSE TITLE: US Government
CODE: SSG601

GRADE: 12
COURSE LENGTH: 1/2 credit – 1 semester

The United States government course is a required one semester course designed to provide students with essential knowledge, skills, and attitudes related to the nation's government and its historical development. Major emphasis is on the structure of the federal government, political responsibility and participation, and state and local government.

COURSE TITLE: Psychology
CODE: SSP501

GRADES: 11-12
COURSE LENGTH: ½ credit – 1 semester

The psychology course overviews the study of the behavior of human beings focusing on physical characteristics, cognitive activity, emotional states, and social interaction. Students study the stages of human development, motivational theory, theories of personality, and mental wellness and illness. The process of scientific investigation is a major part of this course.

COURSE TITLE: Contemporary Issues
CODE: SSZ501

GRADES: 12
COURSE LENGTH: 1/2 credit – 1 semester

The contemporary issues course examines contemporary world problems and problem areas. Emphasis will be placed upon the role of the United States in these areas. In preparation, the historical shaping of United States foreign policy will be studied in some detail, and a necessarily brief exposition of the history, nature, and development of communism will also be included.

COURSE TITLE: US History
CODE: SSU501

GRADES: 11 -12
COURSE LENGTH: 1 credit – Full year

The United States history course examines our nation's history from Reconstruction to the present. Both basic and advanced social studies skills receive emphasis. The first quarter is used to review, reinforce, and expand the student's knowledge of the United States prior to the Civil War. The remaining quarters concentrate on post-Reconstruction to the present.

COURSE TITLE: AP US History
CODE: SSU611

GRADES: 11-12
COURSE LENGTH: 1 credit – Full year

The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials - and to weigh the evidence and interpretations presented in historical scholarship.

Additionally, students will analyze and interpret primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. They should be able to express themselves with clarity and precision and know how to cite sources and credit the phrases and ideas of others.

Students enrolled in the class will be required to take the AP exam in May to receive course credit and extra-weighting on their GPA. A majority of colleges in the United States will grant both placement and credit to students who test results demonstrate competency in this area.

COURSE TITLE: World History
CODE: SSW401

GRADES: 9-12
COURSE LENGTH: 1 credit – Full year

The World History course includes the chronological study of ancient world civilizations by first overviews the Early Ages, and then emphasizing the period from the Middle Ages to the contemporary world. Attention is given to Europe, Asia, Africa, North and South America.

COURSE TITLE: Honors World History-Lit 9
CODE: SSW371

GRADE LEVEL: 9
COURSE LENGTH: 1 credit Full year

This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from Ancient Civilization to 1500 A.D. and covers the themes of culture, science/technology and society, geography, and time/continuity and change. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The themes of geography provide the focus for preparing students to understand how humans adapt to the environment. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. The grade will not be weighted.

COURSE TITLE: Honors World History-Lit 10
CODE: SSW471

GRADES: 10
COURSE LENGTH: 1 credit – Full year

This is an integrated course for students interested in taking 10th grade Honors Social Studies and English. The course uses the chronological study of world history from 1500 to the present and covers the themes of culture, science and technology, economics, and government. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. The grade will not be weighted.

COURSE TITLE: Street Law
CODE: SSZ303S

GRADES: 10 -12
COURSE LENGTH: 1/2 credit – 1 semester

The street law course is designed to provide students with knowledge about law that is of practical use in their everyday lives. Students will learn how purchases, leases, contracts, marriage, divorce, crime, or traffic violations places them face-to-face with the law. Topics will include an introduction to law and the legal system, criminal law, torts, consumer law, family law, housing, and individual rights and responsibilities. Students will study some of the current issues and controversies relating to the law and legal system. Students will learn the different methods of solving legal problems.

COURSE TITLE: Economics
CODE: SSN401

GRADES: 10-12
COURSE LENGTH: 1/2 credit – 1 semester

The economics course is a one-semester course designed to acquaint students with the major concepts in the study of economics. Students study how scarce resources are allocated among competing demands. The production, distribution, and accumulation of wealth are discussed and analyzed. Supply and demand, business organization, money and banking, the role of the federal government, and comparisons among economic systems are major topics of study. The course is offered to the secondary student, grades ten through twelve.

ELIZABETHTOWN TECHNICAL COLLEGE – Grade 12

EARLY ADMISSION POLICY

KCTCS POLICY

The condition of graduation from high school may be waived for a student currently enrolled in high school subject to the following guidelines. All applicants shall submit a KCTCS application for admission by the appropriate deadline. A college may require that additional information be submitted as part of the admission process.

ELIZABETHTOWN COMMUNITY AND TECHNICAL COLLEGE POLICY

Students enrolled in high school may be considered for admission to Elizabethtown Community and Technical College in accordance with policies approved by the faculty of the College. In order for a student who is enrolled in high school to be considered for admission to the College, a high school student must:

1. Have completed at least the junior year of high school.
2. Submit the following:
 - a. Application for admission
 - b. ACT or COMPASS scores (scores must meet the KCTCS Mandatory Placement Guidelines)
 - c. Written letters of recommendations from the high school guidance counselor and from a high school teacher from the subject area the student will take with ECTC or the principal of the school
 - d. High school transcript through the junior year.
 - e. An interview with the Dean of Student Affairs or the College Admissions Committee may be required.

A student admitted to the College in any of these categories is limited to:

1. An enrollment status of a half-time or less
2. Freshmen level courses only

The Dean of Student Affairs or the College Admissions Committee must recommend any exception to these requirements to the President of the College.

It is the applicant's responsibility to see that the required materials (high school transcript, test scores and letters of recommendations) are submitted. A final decision on admission cannot be granted until they are received.

Questions concerning the admission of currently enrolled high school students should be directed to the Dean of Student Affairs, at (270)-769-2371, ext. 68431.

All interested students should contact a guidance counselor in The Welcome and Admissions Center to arrange an appointment for admission counseling. (270) 706-8616

Eligible students may take general education courses on a part-time basis or technical courses from the following areas: Students will attend for ½ day session – 3 credits.

Air Conditioning Technology
Computer Aided Drafting
Electrical Technology
Information Technology
Welding Technology

Carpentry
Culinary Arts
Engineering Technology
Machine Tool Technology