



**Andover
High School**

**Enrollment
Guide**

2009-2010

Andover High School Mission Statement

The mission of Andover High School is to prepare all students for lifelong learning, individual success, and responsible citizenship by establishing high expectations in a positive learning environment.

We believe that in a rapidly changing world...

1. All students can learn through cooperative efforts of teachers, students, administrators, parents and community.
2. Educational experiences should encourage commitment to lifelong learning and success beyond the classroom.
3. Every student will have the opportunity to experience success in a positive learning environment.
4. Students are accountable for their choices and actions.
5. Personal integrity and high expectations are essential for success.
6. Respect for oneself and others is vital for a successful learning atmosphere.

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Unified School District NO. 385

Andover High School

Dear Students and Parents,

A new school year presents opportunities for various beginnings-new faces, new classes, and new courses. The first step in expanding the possibilities is the development of the student's class schedule. The following pages provide the basic information necessary for students, parents and counselors to design a schedule that meets each student's academic needs.

The information in this guide is extremely important. I would strongly encourage you to read the information carefully. This enrollment guide includes the proposed courses for the 2009/2010 school year. Please be aware that no department received a departmental curriculum review this year; so there were very few changes to this coming year's Enrollment Guide.

Please take extra care to review the material as you make your class selections. The Enrollment Guide also contains information concerning graduation requirements, class change policies, course recommendations and descriptions, qualified admissions, Kansas State Scholars Curriculum, NCAA Eligibility and Butler County Community College dual credit/college release forms.

Andover High School offers complete academic programs with the flexibility to meet the individual needs of our students. As you and your child work through this material to develop their class selections feel free to contact the counselor's office at 218-4203 with any questions you may have concerning the information presented in the Enrollment Guide.

The 2009-2010 school year promises to be an exciting year and we appreciate your involvement and support of your child's educational experience at Andover High School.

Sincerely,

Bob Baier
Principal
Andover High School

GRADUATION REQUIREMENTS

To be eligible for graduation from Andover USD No. 385, a student **must** meet the following minimum requirements before the Board of Education may grant a diploma.

A student **must earn a minimum of twenty-five (25) credits** from one or more accredited high schools in grades 9, 10, 11 and 12. The Board of Education reserves the right to accept credit from non-accredited schools when it is in the best interest of the district and student to do so. The following is a list of credits a student **must** earn:

Language Arts	4	1 credit must be taken each year
Mathematics	3	
Science	3	
Social Studies	3	World Geography (1/2) Modern World History (1/2) US History (1) US Government (1/2) Electives (1/2)- students may exceed the 1/2
Foundations of Physical Education	1/2	
Foundations of Health	1/2	
Computer Studies	1/2	
Fine Arts	1	
Speech	1/2	
Electives (minimum)	9	students may exceed the minimum
TOTAL	25	

To help students progress toward graduation the following guidelines have been established:

Grade level classification	CUMULATIVE HIGH SCHOOL CREDITS TO BE EARNED
FRESHMAN	A student must have completed the eighth grade successfully at an accredited school. Courses completed in the eighth grade in USD 385 DO NOT count for high school credit. However, students transferring from another school district may receive high school credit if that district's high school had accepted and recorded these credits on the student's high school transcript.
SOPHOMORE	A student must have earned a minimum of six (6) credits from an accredited school in grade 9.
JUNIOR	A student must have earned a minimum of twelve (12) credits from an accredited school in grades 9 and 10.
SENIOR	A student must have earned a minimum of eighteen (18) credits from an accredited school in grades 9, 10 and 11.

Vocational/Technical Bound Students

USD 385 has articulation agreements with Butler County Community College in the areas of Automotive Technology, Business Office Education, Drafting, Mass Communications, and Microcomputer Technology. For more information concerning these agreements see your high school counselor.

Qualified Admissions Requirements

Any student wishing to enroll in a Kansas Regents College following high school graduation must meet Qualified Admissions Requirements. These requirements are:

Score a 21 or above on the ACT or
Rank in the top third of your high school's graduating class or
Complete the following pre-college curriculum with at least a 2.0 GPA

The following pages contain the Kansas Board of Regents Qualified Admissions Curriculum, the Kansas Scholars Curriculum and NCAA Eligibility.

***Kansas Board of Regents
Qualified Admissions Curriculum
and
Kansas Scholars Curriculum***

(separate pdf)

***NCAA Freshman-
Eligibility Standards
Quick Reference Sheet***

(separate pdf)

***NCAA Freshman-
Eligibility Standards
Other Important Information***

(separate pdf)

ENROLLMENT PROCEDURE

ALL STUDENTS WILL PRE-ENROLL FOR THE 2009-2010 SCHOOL YEAR IN THE SPRING SEMESTER OF THE 2008-2009 SCHOOL YEAR

Steps to follow for enrollment:

1. All parents of next year's high school students will be invited to attend an Enrollment Fair to meet with teachers regarding the courses available to students.
2. Orientation sessions for parents and students, led by the school's counselors, will be held on the night of the Enrollment Fair.
3. Students and their parents/guardians are urged to read this booklet and other enrollment material carefully.
4. Using the enrollment information, advice from the school's instructional staff, and conversation between student and parent(s) or guardian(s), complete a Student Scheduling Form and submit your course selections on-line through PowerSchool.
5. The school's administration and counseling staff will prepare the student's schedule based upon the information submitted. When necessary, the school will consult with individual students and their families to make changes in the student's requests.
6. Individual student schedules will be distributed prior to the beginning of the school year. After August 1 student schedules are also available on-line via PowerSchool.

CLASS CHANGE POLICY

All students should take the enrollment process seriously. The classes selected by the student in the spring will be considered as the **final** enrollment. Students need to put a significant amount of thought and effort into class selection at enrollment time because school wide class schedules are built on student selections. It would be to the student's advantage to initially select the classes desired without anticipating changes.

Class changes will be made only in unusual and necessary circumstances. **Only one schedule change per student per semester will be allowed.** Any additional changes **must** be approved by the principal. Changes **must** be made within **five** days after the beginning of each semester. If a student wants to drop a class after five days, permission from the principal is needed and a "WD" (withdrawn) will be placed on the transcript. These changes must also have the signatures of the dropping and adding teachers and parent(s).

Students should realize that any class dropped after the **5th week** will result in an "F" being recorded on the transcript for that class for the current semester (this includes any class taken for college release time).

The school may initiate schedule changes if it is in the student's best interest. The school may also initiate schedule changes based upon disciplinary reasons. Any such changes must have the approval of the principal. If a student is removed from a class for disciplinary reasons, credit will not be awarded and an "F" will be recorded on the transcript for the current semester.

Students should realize this policy exists, make intelligent class selections, and not make class change requests unless a good sound reason exists.

2009-2010 APPROVED CURRICULUM

The following courses will be offered pending sufficient requests and the ability of the school to assign teachers to teach them. Final fees will be established later by the Board of Education. Courses listed with two (2) course numbers and one (1) credit are year-long courses. You must use both numbers when enrolling for that course.

	COURSE #	CR	GRADE LEVEL	FEES	CREDIT TYPE
ART					
Ceramics 1	AHAR0100	.5	9-12	X	FA
Ceramics 2	AHAR0110	.5	10-12	X	FA
Ceramics 3	AHAR0120	.5	10-12	X	FA
Drawing 1	AHAR0200	.5	9-12	X	FA
Drawing 2	AHAR0210	.5	10-12	X	FA
Drawing 3	AHAR0220	.5	10-12	X	FA
Intro to Art	AHAR0000	.5	9-12		FA
Jewelry 1	AHAR0300	.5	9-12	X	FA
Jewelry 2	AHAR0310	.5	10-12	X	FA
Jewelry 3	AHAR0320	.5	10-12	X	FA
Painting 1	AHAR0400	.5	9-12	X	FA
Painting 2	AHAR0410	.5	10-12	X	FA
Painting 3	AHAR0420	.5	10-12	X	FA
Printmaking 1	AHAR0500	.5	10-12	X	FA
Printmaking 2	AHAR0510	.5	10-12	X	FA
Printmaking 3	AHAR0520	.5	10-12	X	FA
Sculpture 1	AHAR0600	.5	9-12	X	FA
Sculpture 2	AHAR0610	.5	10-12	X	FA
Sculpture 3	AFAR0620	.5	10-12	X	FA
Studio Art	AHAR0700/0710	1.0	10-12	X	FA
BUSINESS					
Accounting 1	AHBZ1001	.5	10-12		ZEL
Advanced Computer Tech	AHBZ0170	.5	9-12		CMP
Business Law	AHBZ2010	.5	10-12		ZEL
Computer Technology	AHBZ0160	.5	9-12		CMP
Computerized Accounting 2	AHBZ1011/1012	1.0	10-12		ZEL
Graphic Design& Publishing	AHBZ0180	.5	9-12		CMP
Keyboarding	AHBZ0000	.5	9-12		ZEL
In-House Training	AHBZ3051/3052	1.0	11-12		ZEL
On-the-Job Training	AHBZ3001/3002	1.0	11-12		ZEL
Sports & Entertainment Mrktg	AHBZ2030	.5	10-12		ZEL
Tech Support	AHBZ0130	.5	11-12		ZEL
Web Design	AHBZ0190	.5	9-12		CMP
Web Graphics & Animation	AHBZ0200	.5	9-12		CMP
Youth Entrepreneurs Kansas	AHBZ3101/3102	1.0	10-12		ZEL
COMPUTER STUDIES					
Advanced Programming 1	AHCP3000	.5	11-12		CMP
Advanced Programming 2	AHCP3010	.5	11-12		CMP
C++ Programming 1	AHCP2000	.5	10-12		CMP
C++ Programming 2	AHCP2010	.5	10-12		CMP
Video Game Programming	AHCP4000	.5	11-12		CMP
Visual Basic Programming 1	AHCP1000	.5	9-12		CMP
Visual Basic Programming 2	AHCP1010	.5	9-12		CMP

		CREDITS	GRADE LEVEL	FEES	CREDIT TYPE
FAMILY & CONSUMER SCIENCE					
Apparel and Textiles 1	AHFC0005/0006	1.0	9-12		ZEL
Apparel and Textiles 2	AHFC0105/0106	1.0	10-12		ZEL
Basic Nutrition/Food Preparation	AHFC1020	.5	9-12		ZEL
Career and Family Management	AHFC3100	.5	10-12		ZEL
Career and Life Planning	AHFC6100	.5	10-12		ZEL
Housing and Interior Design	AHFC5100	.5	10-12		ZEL
Meal Management	AHFC1030	.5	9-12		ZEL
Nutrition and Wellness	AHFC4000	.5	10-12		ZEL
Parenting & Child Development	AHFC2050	.5	9-12		ZEL
Personal Finance	AHFC6010	.5	10-12		ZEL
FOREIGN LANGUAGE					
Chinese	AHFL2001/2002	1.0	10-12		FL
Chinese 2	AHFL2101/2102	1.0	11-12		FL
French 1	AHFL1001/1002	1.0	9-12		FL
French 2	AHFL1101/1102	1.0	9-12		FL
French 3	AHFL1201/1202	1.0	10-12		FL
French 4	AHFL1301/1302	1.0	11-12		FL
AP Spanish	AHFL0901/0902	1.0	11-12		FL
Spanish 1	AHFL0001/0002	1.0	9-12		FL
Spanish 2	AHFL0101/0102	1.0	9-12		FL
Spanish 3	AHFL0201/0202	1.0	10-12		FL
Spanish 4	AHFL0301/0302	1.0	11-12		FL
INDUSTRIAL TECHNOLOGY					
A+ Certification	AHTC3001/3002	1.0	10-12		ZEL
Architectural Drafting	AHTC2201/2202	1.0	12		ZEL
Auto Technology 1	AHTC1001/1002	1.0	9-12	X	ZEL
Auto Technology 2	AHTC1101/1102	2.0	10-12	X	ZEL
Cabinet Making 1	AHTC4301	1.0	11-12	X	ZEL
Cabinet Making 2	AHTC4302	1.0	11-12	X	ZEL
Computer Aided Drafting & Design	AHTC2101/2102	1.0	11-12		ZEL
Construction Technology 1	AHTC5001	1.0	11-12		ZEL
Construction Technology 2	AHTC5002	1.0	11-12		ZEL
Mechanical Drafting	AHTC2001/2002	1.0	10-12		ZEL
Metals Technology 1	AHTC6001/6002	1.0	9-12	X	ZEL
Metals Technology 2	AHTC6101/6102	1.0	10-12	X	ZEL
Net-Prep Certification	AHTC3101/3102	1.0	11-12		ZEL
Small Engines Technology	AHTC0000	.5	9-12	X	ZEL
Woods Technology 1	AHTC4001/4002	1.0	9-12	X	ZEL
Woods Technology 2	AHTC4101/4102	1.0	10-12	X	ZEL
Woods Technology 3	AHTC4201/4202	1.0	11-12	X	ZEL
JOURNALISM					
Adv. Photojournalism	AHJN1010	.5	10-12	X	FA
Broadcast Journalism	AHJN4001/4002	1.0	10-12		FA
Journalism	AHJN0000	.5	9-12		ZEL
News Publication	AHJN3001/3002	1.0	10-12		ZEL
Photojournalism	AHJN1000	.5	9-12	X	FA
School Publications	AHJN5001/5002	1.0	10-12		ZEL
Yearbook	AHJN2001/2002	1.0	10-12		ZEL

	COURSE #	CREDITS	GRADE LEVEL	FEES	CREDIT TYPE
LANGUAGE ARTS					
Advanced Acting	AHLA1202/1202	1.0	10-12		FA
Advanced Debate	AHLA0110	.5	10-12		SPEECH
AP English	AHLA2901/2902	1.0	12		ENG4
Debate 1	AHLA0100	.5	9-12		SPEECH
English 1	AHLA2001/2002	1.0	9		ENG1
English 1A	AHLA2101/2102	1.0	9		ENG1
English 2	AHLA2201/2202	1.0	10		ENG2
English 2A	AHLA2301/2302	1.0	10		ENG2
English 3	AHLA2401/2402	1.0	11		ENG3
English 3A	AHLA2501/2502	1.0	11		ENG3
English Comp. & Lit.	AHLA2601/2602	1.0	12		ENG4
Eng.Comp./Eng.Lit.(BCC)	AHLA2801/2802	1.0	12	X	ENG4
English Review	AHLA3001/3002	1.0	9-12		ENE
English as a 2 nd Language	AHLA7000	.5	9-12		ENE
Forensics	AHLA0120	.5	9-12		FA/Speech
Speech 1	AHLA0000	.5	9-12		SPEECH
Dual Credit Speech (BCC)	AHLA0050	.5	11-12		SPEECH
Theatre 1	AHLA1001/1002	1.0	9-12		FA
Theatre 2	AHLA1101/1102	1.0	10-12		FA
Theatre Technology	AHLA1301/1302	1.0	10-12		FA
MATHEMATICS					
Algebra 1	AHMT1001/1002	1.0	9-12		AMTH
Algebra 1 Assist	AHMT1050/1052	1.0	9-12		ZEL
Algebra 2	AHMT1301/1302	1.0	9-12		AMTH
Algebra 2 Assist	AHMT1350/1351	1.0	9-12		ZEL
AP Calculus	AHMT3901/3902	1.0	12		AMTH
Calculus (BCC)	AHMT3101/3102	1.0	12	X	AMTH
Applied Statistics (BCC)	AHMT3060	.5	11-12	X	AMTH
College Algebra (BCC)	AHMT3001	.5	11-12	X	AMTH
College Algebra w/ Review (BCC)	AHMT3051/3052	1.0	11-12	X	AMTH
Functions, Statistics, Trig	AHMT2001/2002	1.0	10-12		AMTH
Geometry	AHMT1101/1102	1.0	9-12		AMTH
Geometry Assist	AHMT1150/1151	1.0	9-12		ZEL
Intermediate Algebra	AHMT1201/1202	1.0	11-12		AMTH
Pre-Calc & Discrete Math	AHMT2101/2102	1.0	11-12		AMTH
MUSIC					
Band	AHMS0001/0002	1.0	9-12	X	FA
Chamber Chorale	AHMS3001/3002	1.0	10-12	X	FA
Concert Choir	AHMS1001/1002	1.0	9-12	X	FA
Jazz Band	AHMS0101/0102	1.0	9-12	X	FA
Men's Ensemble	AHMS5001/5002	1.0	10-12	X	FA
Select Mixed Choir	AHMS4001/4002	1.0	10-12	X	FA
Women's Ensemble	AHMS6001/6002	1.0	10-12	X	FA
Music Theory & Appreciation	AHMS7001/7002	1.0	11-12		FA
PHYSICAL EDUCATION					
Aerobics	AHPE3000	.5	10-12		PE
Advanced Physical Education	AHPE1001/1002	1.0	10-12		PE
Foundations of Health	AHPHT0110	.5	10		PHT
Foundations of Physical Educ	AHPE0100	.5	9		PE
Lifetime Fitness	AHPE3001/3002	.5	10-12		PE

	COURSE #	CREDITS	GRADE LEVEL	FEES	CREDIT TYPE
PHYSICAL EDUCATION (cont.)					
Sports Medicine/Athletic Trng	AHPE4100	.5	10-12		PE
Weight Training	AHPE2001/2002	.5	10-12		PE
SCIENCE					
Anatomy & Physiology 1	AHSC1200	.5	11-12		SCBR
Anatomy & Physiology 2	AHSC1210	.5	11-12		SCBR
AP Biology	AHSC1901/1902	1.0	11-12		BIO
AP Chemistry	AHSC2901/2902	1.0	11-12		CHM
Biology	AHSC1101/1102	1.0	9-12		BIO
Biology in Context	AHSC1001/1002	1.0	10		BIO
Chemistry	AHSC2001/2002	1.0	10-12		CHM
Freshman Science	AHSC0001/0002	1.0	9		SCI
Honors Chemistry	AHSC2101/2102	1.0	10-12		CHM
Physics	AHSC3201/3202	1.0	11-12		PHX
AP Physics B	AHSC3901/3902	1.0	11-12		PHX
Principles of Technology 1	AHSC3001/3002	1.0	10-12		SCBR
Principles of Technology 2	AHSC3101/3102	1.0	11-12		SCBR
Zoology	AHSC1300	.5	11-12		SCBR
SOCIAL STUDIES					
Ancient World History	AHSS1000	.5	9-10		SWS
AP U.S. Government	AHSS3900	.5	12		SSG
AP U.S. History	AHSS2901/2902	1.0	11		SSH
Basic Law	AHSS4300	.5	11-12		SSE
Comparative World Religions	AHSS4500	.5	11-12		SWS
Current World Affairs	AHSS4000	.5	10-11		SWS
Economics	AHSS4400	.5	11-12		SSE
Honors Modern World History	AHSS1150	.5	10		SMH
Intro to Psychology	AHSS4100	.5	11-12		SSE
Intro to Sociology	AHSS4200	.5	11-12		SSE
Modern World History	AHSS1100	.5	10		SMH
U.S. Government	AHSS3000	.5	12		SSG
U.S. Government-(BCC)	AHSS3100	.5	12	X	SSG
U.S. History	AHSS2001/2002	1.0	11		SSH
World Geography	AHSS0000	.5	9		SWG
SPECIAL EDUCATION					
Algebra 1	AHSR2401/2402	1.0	9-12		MTH
Basic Math	AHSR2001/2002	1.0	9-11		MTH
Biology in Context	AHSR3101/3102	1.0	10		SCI
English 1	AHSR1001/1002	1.0	9		ENG1
English 2	AHSR1101/1102	1.0	10		ENG2
English 3	AHSR1201/1202	1.0	11		ENG3
English 4	AHSR1301/1302	1.0	12		ENG4
Extended Learning Program	AHSR7001/7002	1.0	9-12		ZEL
Freshman Science	AHSR3001/3002	1.0	9		SCI
General Science	AHSR3201/3202	1.0	9-12		SCI
Informal Geometry	AHSR2301/2302	1.0	12		MTH
Pre-Algebra	AHSR2501/2502	1.0	9-11		MTH
Resource Lab	AHSR0001/0002	1.0	9-12		ZEL
Resource Lab Vocational	AHSR0101/0102	1.0	9-12		ZEL
U.S. Government	AHSR4500	.5	12		SSG
U.S. History	AJSR4401/4402	1.0	11		SSH

USD #385 - COURSE DESCRIPTIONS

ART

INTRODUCTION TO ART

CREDIT: .5
GRADE: 9-12 **HOMEWORK: 1 hr/week**
PREREQUISITE: None

This class introduces the student to the theories of art. The design elements and principals are studied. Students will be introduced to and learn basic skills in each of the different art disciplines drawing, painting, ceramics and jewelry. At least one project will be completed in each discipline. Various periods of art will be studied and artists' works of that period discovered and recognized. Slide and written tests will be utilized to measure student knowledge.

CERAMICS 1

CREDIT: .5
GRADE: 9-12 **HOMEWORK: 1 hour/week**
PREREQUISITE: Introduction to Art

Students will be introduced to clay using the basic methods of construction; coil, slab, pinch, and wheel throwing will be required. The application of colorants and glazes will be taught. **There is a fee for this class.**

CERAMICS 2

CREDIT: .5
GRADE: 10-12 **HOMEWORK: 1 hour/week**
PREREQUISITE: Ceramics 1

Students will work in clay using advanced methods of construction and the potters' wheel. Large projects will be required with handles and lids. Additive designs and decoration will be mastered. The student will learn the gas firing process. **There is a fee for this class.**

CERAMICS 3

CREDIT: .5
GRADE: 10-12 **HOMEWORK: 1 hour/week**
PREREQUISITE: Ceramics 2

Students will work in clay using the potters' wheel. Raku pottery will be stressed. Advanced ceramics will master lids, handles, and the gas firing process. **There is a fee for this class.**

DRAWING 1

CREDIT: .5
GRADE: 9-12 **HOMEWORK: 1 hour/week**
PREREQUISITE: Introduction to Art

Students will study the advanced methods of construction and drawing media techniques including pencil, charcoal, colored pencil, pen & ink. Figure study, portraits, landscapes, and still life are some of the possible drawing subjects. **There is a fee for this class.**

DRAWING 2

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Drawing 1

Students will expand their skills in drawing using different media such as charcoal, conte crayon, pen and ink, and pencil. Students will begin to express themselves by using images from life drawings. Students are expected to challenge themselves to better their skills in the drawing media, style and subject matter of their choice. There is a fee for this class.

DRAWING 3

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Drawing 2

Students will gather works from previous drawing classes to compile a portfolio. They are expected to challenge themselves to better their skills in the drawing media, style and subject of their choice. Students will also learn how to mat their completed work. Entry to the Scholastic Art Exhibition with at least one piece of work is expected. There is a fee for this class.

JEWELRY 1

CREDIT: .5
GRADE: 9-12 HOMEWORK: 1 hour/week
PREREQUISITE: Introduction to Art

Students will design jewelry from sterling silver, various metals and stones. Assignments will include cut out, overlay, stone settings and castings. There is a fee for this class.

JEWELRY 2

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Jewelry 1

Jewelry 2 is taught using the same materials as in Jewelry 1 but more advanced in procedure and techniques. Stone setting will be required. All assignments will include student designed bracelets, pendants and rings. This course is designed for the student interested in silver-smithing. There is a fee for this class.

JEWELRY 3

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Jewelry 2

The course is designed for the silversmith to broaden areas with semi-precious stones and metals. Castings will be done. Jewelry III will use the same materials as in Jewelry 1 and 2, but more advanced in procedure and techniques. There is a fee for this class.

PAINTING 1

CREDIT: .5
GRADE: 9-12 HOMEWORK: 1 hour/week
PREREQUISITE: Introduction to Art

Students will learn and apply color theory. Exploration of different medias including watercolor (transparent), tempera (opaque), acrylic, and oil will be offered. Preparation of painting surface and care of brushes and supplies will be emphasized. There is a fee for this class.

PAINTING 2

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Painting 1

Students will prepare painting surfaces. Conventional as well as experimental methods of painting will be explored. Further study of different media will be taught. Air brush techniques will be introduced. Students will begin to compile their best work for a portfolio. There is a fee for this class.

PAINTING 3

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 2 hours/week
PREREQUISITE: Painting 2

Students will explore a chosen type of paint and develop their own style through a series of different assignments. Students will complete a portfolio of at least 8 paintings for presentation for scholarship application. There is a fee for this class.

PRINTMAKING 1

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Introduction to Art

Students will be introduced to the different types of printmaking, block (linoleum cut) relief, etching, and engraving. Students will learn different types of transferring an image to paper. Problem solving will be stressed. Printmaking techniques of mono-printing on glass, linoleum and wood cuts will be taught with the effects being compared to painting. There is a fee for this class.

PRINTMAKING 2

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Printmaking 1

Students will build on their knowledge and experience and create two color images. Students will study the effects of the different types of paper and inks involved in printmaking. Students will start to compile their best work to include in their portfolio. There is a fee for this class.

PRINTMAKING 3

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Printmaking 2

Students will create a body of work in the style and method of their choice. Students will complete at least 8 different images and complete a portfolio for presentation for scholarship application. There is a fee for this class.

SCULPTURE 1

CREDIT: .5
GRADE: 9-12 HOMEWORK: 1 hour/week
PREREQUISITE: Introduction to Art

Students will be working with clay, plaster, wood, metal, and paper to create three-dimensional projects. Problem solving will be stressed to obtain a pleasing piece. Different styles will be explored from different periods of history. There is a fee for this class.

SCULPTURE 2

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Sculpture 1

Students will focus on the substitution (casting) and the addition sculpture. The works will be larger in size than sculpture 1 using metal, plastic, plaster, clay and wood. There is a fee for this class.

SCULPTURE 3

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Sculpture 2

Students will work with various metals and woods. Welding will be the primary procedure in addition to sculpture. Various methods of welding will be practiced such as welding a seam, cutting, and brazing. Acetylene torches will be used. There is a fee for this class.

STUDIO ART

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Teacher approval & application necessary

Studio Art is designed for the student who exhibits a high level of creative ability. This course is also designed to increase the talent of the individual in his/her preferred media. Student selection for this course will be based upon samples submitted to the teacher. The cost will be determined by the size and type of work undertaken.

BUSINESS

KEYBOARDING

CREDIT: .5
GRADE: 9-12 HOMEWORK: 1 hour/week
PREREQUISITE: None

This course is taught using PC computers. Word2003 as well as a beginning keyboarding program will be used for approximately 8 weeks while the students are learning the keyboard, including the numeric and symbol keys. Students will be expected to develop the "touch" method of keyboarding (not looking at their hands while typing). Students will be introduced to different business/personal-business letter styles, report formats and additional business forms used in the business field. Timed writings will also be used to gauge speed and accuracy while typing.

COMPUTER TECHNOLOGY

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Keyboarding/Quiz out of Keyboarding

This course is designed to help students become aware of the potential of the microcomputer in school, business, and everyday life situations. Computer Technology uses a "hands-on" approach by exploring and mastering Windows, Word, Excel, and Outlook Express, which includes e-mailing and calendaring.

ADVANCED COMPUTER TECHNOLOGY

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Computer Technology /Quiz out of Computer Technology

This course is a continuation of Computer Technology. Using Microsoft Word, you will learn to perform mail merges, work with graphic elements, format documents with special features, use shared documents, and much more! The Microsoft Excel unit will allow you to learn how to format worksheets with advanced formatting techniques, use templates and workbooks, work with lists and share workbooks. Using the Microsoft Access program you will learn how to create a database table, create relationships between tables, create forms, queries, reports, and filter records. Enroll today and make yourself more marketable!

GRAPHIC DESIGN AND PUBLISHING

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** As needed
PREREQUISITE: Computer Technology or quiz out of Computer Technology or Visual Basic

Graphic Design and Publishing is a course that explores the use of the computer as a tool to combine art, graphics, and text to communicate an effective message in the design of logos, graphics, brochures, flyers, advertisements, business forms, newsletters, posters, signs and any other type of visual communication for the world of graphic design and advertising. Students will learn the principles of page layout and the elements of design as well as become proficient in the use of software and hardware needed for effective and creative designs. Sample assignments include marketing layouts for music CD's and projects, small business advertising, cartooning and illustrating, and digital publishing and photo manipulations. In addition, a video editing project will also be included where students will create a commercial for a fictitious business.

WEB DESIGN

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** As needed
PREREQUISITE: Computer Technology/Quiz out of Computer Technology or Visual Basic

Have you every wondered how your Web page can look "cool" yet professional at the same time? Web Design incorporates Dreamweaver for web building, Flash for video and animation manipulation, Fireworks for graphics, and Freehand for illustration, design, and layout to help you build and strengthen your computer web design skills to create professional, functional and unique websites. Students also learn to create distinctive graphics and animations to keep your visitors interested in your Web page.

WEB GRAPHICS AND ANIMATION

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** As needed
PREREQUISITE: Web Design

Web Graphics and Animation is a course that helps students develop advanced interactive multimedia elements for the web. Web Graphics and Animation incorporates the Macromedia Suite (Dreamweaver, Flash, Fireworks and Freehand) and digital imaging software to create custom designed animated images, rollover images, graphical navigation bars, pop-up menus, dynamic user interactivity, importing sound and video, and publishing a Flash movie.

ACCOUNTING I

CREDIT: .5
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Computer Technology

Accounting is for all students who desire vocational preparation for careers in accounting, other related business fields, for those who seek a foundation on which to continue studying accounting in college, or for personal use. Financial transactions are analyzed and recorded, and financial statements are produced. Sole proprietorship and partnerships are covered. Hands-on training is provided through the use of two practice sets. Students become accountants and take care of a sole proprietorship and a partnership's accounting affairs.

COMPUTERIZED ACCOUNTING 2

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: 1 hour week
PREREQUISITE: "C" or better in Accounting 1 and teacher approval

Computerized Accounting II is for all students who have completed Accounting I and who desire vocational preparation for careers in accounting or other related business fields, for those who seek a foundation on which to continue studying accounting in college, or for personal use. Financial transactions are analyzed and recorded, and financial statements are produced using the computer. Service businesses and Merchandising business are covered. Hands-on training is provided through the use of the Peach Tree accounting software. Students become accountants and take care of a Service business and a Merchandising business and their accounting affairs.

TECH SUPPORT

CREDIT: .5
GRADE: 11-12 HOMEWORK: None
PREREQUISITE: Two Computer Classes and Teacher Recommendation

Juniors and Seniors will have an opportunity to enhance and develop troubleshooting skills as well open the door to lifelong career opportunities. Selected students will participate in a work experience environment designed to serve as customer support technicians for their high school building. Field experience may include servicing and troubleshooting personal computers, web page development/maintenance, network management, and servicing and troubleshooting multimedia hardware and software. Students receive course credit and valuable work experience along with job related skills such as time management safety, thinking/problem solving, and working with others.

BUSINESS LAW

CREDIT: .5
GRADE: 10-12 HOMEWORK: As needed
PREREQUISITE: None

This course is designed to inform students about the history of laws in America. Where did the laws we abide from originate? Are there different types of laws? What is ethics? Those questions will be answered in this class! In addition, students will learn about our court system, criminal and tort laws, contracts, owning a vehicle, employment law, marriage and divorce, and leases regarding renting a place to live.

YOUTH ENTREPRENEURS KANSAS (YEK)

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: None

This course introduces the concept of entrepreneurship and the importance of small business to Kansas, national and world economies. Students will be exposed to the basic aspects of owning and operating a small business. Some of the units in this course include: developing the business plan, planning the marketing strategy, locating the business, financing the business, managing human resources, keeping the business records and managing the sales efforts. Students will develop their own business plan. Usage of community resources are a vital part of this course in the form of guest speakers, print materials, tax information, legal information and more.

SPORTS AND ENTERTAINMENT MARKETIING

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: None

Sports and Entertainment Marketing is a unique and specialized course designed for students with an interest in the sports and entertainment industry. Students will develop skills in the areas of merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, legal aspects, contracts, and career opportunities as they relate to the sports and entertainment industry. The use of hands-on activities and computer simulations will be used to apply and practice sports and entertainment marketing strategies.

ON-THE-JOB TRAINING

Credit: 1 (two consecutive semesters)
Grade: 2nd Semester 11 and 1st Semester; 12 OR Full Year 12
Homework: None
Prerequisite: Teacher approval

On-the-Job Training (OJT) is designed for seniors who have completed the sequence of Business or Computer Technology courses during their high school career. Each student enrolled in the class is employed in the job market in a business related occupation of their choice. The purpose of this class is for students to be able to apply textbook training to "real world" work environments. The position attained by the student must require business skills acquired in a business environment. Each senior in the program is required to work a minimum of 10 hours per week (for each hour enrolled). Each student will be responsible for keeping a "Weekly Time Log", which will be turned in to the teacher coordinator every Monday. The cooperating supervisor of the OJT student will complete nine-week evaluation forms. Periodic visits to the work site by the teacher coordinate or will also occur.

IN-HOUSE TRAINING

Credit: 1 (2 consecutive semesters)
Grade: 2nd Semester 11 and 1st Semester 12; OR Full Year 12
Homework: None
Prerequisite: Teacher approval

Emphasis of this course will be focused on performing extensive hands-on learning activities by performing job requests for our school district and community. This class develops education and private sector partnerships to ensure work-related learning experiences for students by providing them with training very similar to what they might experience when entering the work force. This course is designed to provide the students with an environment of "live" production work. A minimum of 50% "live" production work must come from the community and a maximum of 50% "live" production work can come from the district. Practical computer skills are essential.

COMPUTER STUDIES

VISUAL BASIC PROGRAMMING 1

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1-2 hours week
PREREQUISITE: "A" OR "B" in Algebra 1 & Keyboarding/Quiz out of Keyboarding

Students will learn one of the most exciting programming languages in use today. With VISUAL BASIC 6.0, students can create professional-looking Windows programs in minutes using a minimal amount of programming code. Students will learn basic features required to write Windows programs and the fundamentals of programming in Visual Basic. It should be noted that the major emphasis of this course is programming, not applications.

VISUAL BASIC PROGRAMMING 2

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1-2 hours week
PREREQUISITE: "C" or better in Visual Basic Programming 1

This course continues the study of the VISUAL BASIC Programming language. Topics to be studied will include looping, arrays, data files, menus, and string manipulations.

C ++ PROGRAMMING 1

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: Visual Basic Programming 2 & teacher approval

This course is designed for the serious computer science student interested in studying the computer programming language: VISUAL C++.

C++ PROGRAMMING 2

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: C++ Programming 2 and teacher approval

C++ Programming 1, is a follow-up of Visual Basic Programming 2, continues the exploration of the VISUAL C++ programming language.

ADVANCED PROGRAMMING 1

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: C++ Programming 2 and teacher approval

This class is designed for the serious computer science student interested in studying additional computer programming languages and topics. This class is setup as an independent study.

ADVANCED PROGRAMMING 2

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: Advanced Programming 1 and teacher approval

This class is a continuation of C++ Programming 2, the exploration of additional computer programming languages and topics. This class is setup as an independent study.

VIDEO GAME PROGRAMMING

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2-3 hours/week
PREREQUISITE: C++ Programming 2 and teacher approval

This class is designed for the serious computer science student interested in creating video games. Students taking this course will be using BlitzPlus, Visual Basic and the game industry standard programming language, C++. The first part of the class will be spent learning the new language, BlitzPlus and using it to create a character game. During the second part of the class, the students will create games using C++, and the last several weeks will be spent creating a Role-Playing-Game (RPG) with Visual Basic and DirectX.

FAMILY & CONSUMER SCIENCE

APPAREL and TEXTILES 1

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** None
PREREQUISITE: None

Students will display knowledge of basic clothing construction. Emphasis is placed on the basics: techniques used, reading and understanding instructions, using equipment and making wise choices to meet individual needs.

APPAREL and TEXTILES 2

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** None
PREREQUISITE: "C" or better in Apparel & Textiles 1

Students will display knowledge of more advanced sewing techniques. Emphasis is placed on choosing more difficult patterns and textiles. Computer software is used in designing decorative elements for textile projects. Careers in the textile and clothing industries are explored.

BASIC NUTRITION and FOOD PREPARATION

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

The choices an individual makes regarding food and nutrition affect their overall health and wellness now as well as in the future. Knowledge of nutrition and an understanding of cooking techniques allow for more healthful choices and may result in a longer, more productive life. Emphasis in this class is placed on nutrition, proper preparation, and making wise choices.

CAREER and FAMILY MANAGEMENT

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Personal life choices are made during normal everyday living as well as when unexpected life changes occur. A study of the nature, function and significance of human relationships enables students to make healthier choices that impact the family, the work-force, and the community. This class includes instruction in the concepts related to various family structures, understanding self, the establishment and maintenance of relationships, and preparation for family and career roles.

CAREER and LIFE PLANNING

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Having a management plan for life beyond high school is a key to success. Essential to a good life management plan is an understanding of caring for self and others, planning to assure career success, as well as coordinating personal and career responsibilities. The knowledge gained in this class will give students the tools to make informed choices that determine quality of life now and in the future. Skills emphasized include managing personal resources, investigating careers, how to get and maintain a job, money management, finding a place to live, food selection and preparation, transportation decisions, and managing a healthy lifestyle.

HOUSING and INTERIOR DESIGN

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Housing and Interior Design prepares individuals to understand the physical, psychological, and social influences pertaining to housing decisions required for creating a desirable living environment. This includes instruction in choosing housing that meets your needs, scale drawings, and kitchen designs. Home furnishing, human and environmental factors influencing housing and using resources are also covered.

MEAL MANAGEMENT

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1 hour week
PREREQUISITE: "C" or better in Basic Nutrition and Food Preparation

As individuals and families become busier family mealtime becomes more critical. Often families choose to consume more meals outside the home resulting in added expense and less family time. Knowledge of meal management and budgeting will allow individuals to prepare cost, time, and health conscious meals for themselves and their families. Meal management techniques including planning, preparation, and budgeting will be taught while using advanced procedures and a variety of cooking equipment. Foods and food customs from the U.S. and foreign countries will be explored. Careers in the food, restaurant, and hospitality areas will also be investigated.

NUTRITION & WELLNESS

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Lifestyle choices impact physical, emotional, and social health on a daily basis. The choices made today will affect life expectancy, reproductive health, and risk factors for disease. This class will provide knowledge of the principles of nutrition and the relationship of nutrition and exercise to overall health and wellness. Emphasis is on nutritional guidelines for different stages of the life cycle, analyzing diets, managing meals to meet families needs, combining good eating habits along with regular exercise to be as healthy as you can be and accepting self.

PARENTING and CHILD DEVELOPMENT

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

New generations are the key to our future. Strong, positive parenting skills and an understanding of child development will allow parents and caregivers the necessary tools to insure success for the next generation. The effect of the knowledge gained in this course impacts student's family and home as well as the world around them. Students will demonstrate knowledge of the basic principles of child development. Emphasis is on prenatal development, birth, and the first 4 years of life. This course will also focus on the skills involved in parenthood. Areas covered will include the decisions to become a parent, helping children learn and grow, as well as guidance and resources available to the family.

PERSONAL FINANCE

CREDIT: .5

GRADE: 10-12 **HOMEWORK:** 1 hour week

PREREQUISITE: None

Managing resources to achieve personal and family goals is a critical life skill. Skills in making informed consumer decisions, money management, and financial goal setting can create financial stability which may reduce stress and lead to a healthier, happier life. Students will assume the roles of citizen, student, family member, consumer, and employee in personal financial management. Topics covered will be financial planning, legal documents, checking accounts, taxes, savings, investments, credit, consumer protection, family decisions, and risk management. The class will use real life problems, learning activities, software applications, and case problems.

FOREIGN LANGUAGES

CHINESE

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: "C" average in Eng/Lang Arts

This course is designed to encourage each student's active participation in the acquisition of the basic language skills of listening, reading, writing and speaking. Emphasis is on the understanding and use of the target language. Students will learn about customs and cultures of the countries using the foreign language. This course will be delivered virtually through IDL or online.

CHINESE 2 (NEW)

CREDIT: 1.0

GRADE: 11-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: "C" average in Eng/Lang Arts and Chinese

This course is Mandarin Chinese II and Chinese cultures. The purpose is to help students go deeper with their Chinese language and culture. This course will enable students to speak and understand Chinese, engage in conversations, expresses feelings and emotions, exchanges opinions, read articles, translate and can retell, recognize some important Chinese characters and know their meaning in the context, create dialogue and write short articles. In this course, students will continue to learn Confucius culture, Taoist culture, politics, religion, etc. Students are encouraged to explore their thoughts and feelings about these cultures through searching on the Internet, a presentation, and class discussions.

FRENCH 1

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: "C" average in Eng/Lang Arts

This course is designed to encourage each student's active participation in the acquisition of the basic language skills of listening, reading, writing and speaking. Emphasis is on the understanding and use of French. Students will learn about customs and cultures of the countries using French.

FRENCH 2

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: "C" average in French 1

This course is a continuation and enhancement of French 1. A review of French 1 is followed by continued study of the target language and culture, with emphasis on vocabulary development, language structure, and aural/oral and written comprehension of French.

FRENCH 3

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" average in French 2

This course begins an in-depth study of French. Students will be introduced to authentic French literature.

FRENCH 4

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" average in French 3

This course is a continuation and enhancement of the in-depth study of French. Students read and discuss authentic literature, history, current events and topics of personal interest in French while reviewing and expanding upon the basic foundation of the grammar presented in French 1-3. Written and verbal communication will be emphasized.

SPANISH 1

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" average in Eng/Lang Arts

This course is designed to encourage each student's active participation in the acquisition of the basic language skills of listening, reading, writing and speaking. Emphasis is on the understanding and use of Spanish. Students will learn about customs and cultures of the countries using the foreign language.

SPANISH 2

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" average in Spanish 1

This course is a continuation and enhancement of the study of Spanish 1. A review of Spanish 1 is followed by continued study of the target language and culture, with emphasis on vocabulary development, language structure, and aural/oral and written comprehension of Spanish.

SPANISH 3

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" average in Spanish 2

This course begins an in-depth study of Spanish. Students will be introduced to authentic Spanish literature.

SPANISH 4

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" average in Spanish 3

This course is a continuation and enhancement of the in-depth study of Spanish. Students read and discuss authentic literature, history, current events and topics of personal interest in Spanish while reviewing and expanding upon the basic foundation of the grammar presented in Spanish 1-3. Written and verbal communication will be emphasized.

AP SPANISH

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: "C" Average in Spanish 4

This course is the synthesis of the previous 4 levels of Spanish. It is designed specifically for those students who wish to take the Advanced Placement examination. Each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

INDUSTRIAL TECHNOLOGY

SMALL ENGINES TECHNOLOGY

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Small Engines Technology is a course designed to educate the student in the operation, repair and overhaul of small engines. This course is for the student interested in home repair of small engines. This is an excellent class for those students interested in future courses in Auto Technology. The initial engine is provided by the school; additional materials used for personal projects must be paid for by the student.

AUTO TECHNOLOGY 1

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 1 hour week
PREREQUISITE: "C" or better in Small Engines or teacher approval
Auto Technology 1 will be held at AHS only. Students from either school may enroll.

This course is designed for those who have little or no automotive background. This course will include theory and operation of the internal combustion engine. The automotive systems, including ignition, lubrication, cooling, fuel, charging, starting, ventilation, and exhaust will be covered. There will be laboratory work related to tune-up and general automotive repair. *There is a fee for this class.*

AUTO TECHNOLOGY 2

CREDIT: 2.0
GRADE: 10-12 **HOMEWORK:** 1 hour week
PREREQUISITE: "C" or better in Auto Technology 1
Auto Technology 2 will be held at AHS only. Students from either school may enroll.

This course is designed to expand upon the general auto repair and tune-up taught in Auto Technology 1. Students will gain practical hands-on experience working in the areas of general auto repair, diagnostics tune-up, and engine overhaul. Students will also gain knowledge of the auto by working with various types of auto information in the classroom. *There is a fee for this class.*

MECHANICAL DRAFTING

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: None

This course is an introduction to drafting skills in lettering, sketching, dimensioning, geometric design and developments, and working drawings presented in problem solving form. These problems are to be solved using T-square, drafting boards and instruments, and/or on the CAD program.

COMPUTER AIDED DRAFTING & DESIGN

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: "C" or better in Mechanical Drafting

Students will receive instruction in sectioning, auxiliary views, isometric drawing, orthographic projection, perspectives, revolutions, and machine drawings. They will be expected to solve the problems presented in each area using the CAD program.

ARCHITECTURAL DRAFTING

CREDIT: 1.0

GRADE: 12 **HOMEWORK:** 1 hour/week

PREREQUISITE: "C" or better in Computer Aided Drafting & Design

There will be several options available for the student enrolling in Architectural Drafting. The options chosen will depend upon the student's interests, abilities, needs and scholastic background. The options include advanced machine drawing, basic architectural drawing, advanced architectural drawing, and basic engineering drawing.

WOODS TECHNOLOGY 1

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 1 hour/week

PREREQUISITE: None

Students will learn the name and the safe operations of hand and power tools. They will identify and learn the characteristics of a variety of common woods. Students will plan and build several woods projects assigned by the instructor. **There is a fee for this class.**

WOODS TECHNOLOGY 2

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** 1 hour/week

PREREQUISITE: "C" or better in Woods Technology 1

Students will enter into a written agreement with the instructor for the amount of work to be completed on advanced wood projects. This must be done before the fifth day of class or if a block class, by the end of the third class period. Students will be required to have enough projects to fulfill the time limit and outcomes of the course. Grades for the course will be based on industry, quality of work, and achievement toward completion of the agreement. **There is a fee for this class.**

WOODS TECHNOLOGY 3

CREDIT: 1.0

GRADE: 11-12 **HOMEWORK:** 1 hour/week

PREREQUISITE: "C" or better in Woods Technology 2

Students will enter into a written agreement with the instructor for the amount of work to be completed on advanced wood projects. This must be done before the fifth day of class or if a clock class, by the end of the third class period. Students will be required to have enough projects to fulfill the time limit and outcomes of the course. Grades for the course will be based on industry, quality of work, and achievement toward completion of the agreement. **There is a fee for this class.**

CABINET MAKING 1

CREDIT: 1.0

GRADE: 11-12 **HOMEWORK:** 1 hour/week

PREREQUISITE: "C" or better in Woods Technology 2

Students must submit an initial set of plans for a project and enter into a written agreement with the instructor for an amount of work to be completed each semester. The grade for the course will be based on industry, quality of work, and achievement toward completion of the agreement. Students requesting Cabinet Making must consult with the instructor to enter into an agreement as to what they will construct in class and the cost of the materials to be used before returning their enrollment sheet to the counselor's office. **There is a fee for this class.**

CABINET MAKING 2

CREDIT: 1.0
GRADE: 11-12 HOMEWORK: 1 hour/week
PREREQUISITE: Cabinet Making 1

This course is a continuation of Cabinet Making 1. Students will work on individual projects and learn the skills of cabinetmaking. The grade for the course will be based on industry, quality of work, and achievement toward completion of the project. ***There is a fee for this class.***

CONSTRUCTION TECHNOLOGY 1

CREDIT: 1.0
GRADE: 11-12 HOMEWORK: 1 hour/week
PREREQUISITE: None

This course introduces students to a wide range of career opportunities in the construction industry. Students will get hands-on experience and training in the areas of carpentry, electricity, heating and air-conditioning, plumbing, metal buildings and steel work, window glazing, masonry, roofing, painting, and drywall. This course may be repeated for credit.

CONSTRUCTION TECHNOLOGY 2

CREDIT: 1.0
GRADE: 11-12 HOMEWORK: 1 Hour/Week
PREREQUISITE: Construction Technology 1

This course is a continuation of Construction Technology 1. Students will continue to learn and improve their skills in all aspects of the construction process through hands-on experience and on the job training.

METALS TECHNOLOGY 1

CREDIT: 1.0
GRADE: 9-12 HOMEWORK: as needed
PREREQUISITE: None

Students from either high school may enroll for this class, however classes for Metals Technology 1 will be held at AHS only.

Metals Technology I is a course designed to include the basics in welding, sheet metal, forge and metal layout. Metal identification, metal lathe work, and metal finishing will also be covered to some extent. A small amount of project work will be included in this course. ***There is a fee for this class.***

METALS TECHNOLOGY 2

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: As needed
PREREQUISITE: "C" or better in Metals Technology 1

Students from either high school may enroll for this class, however classes for Metals Technology 2 will be held at AHS only.

Metals Technology 2 is a course for those students who wish to further develop the skills learned in Metals Technology 1. Students will be required to design, and construct several advanced metal projects. In the process of project planning and construction, the student will expand on learning the skills related to metal working, such as: arc welding, acetylene welding, soldering, metal forming, sheet metal work, metal lathe, and the skills required to safely use a large variety of metal working tools and machines. New metals technology will include MIG and TIG welding, and computer machining. ***There is a fee for the class.***

A+ CERTIFICATION

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** As needed
PREREQUISITE: Keyboarding or Computer Applications

This course teaches students to service, repair, and install computers and programs. This course emphasizes the basics in computer repair and troubleshooting. Students will learn the necessary skills to be able to earn A+ certification, which is the standard for computer service technicians.

NET-PREP CERTIFICATION

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** As needed
PREREQUISITE: A+ Certification Class

This course introduces students to the basics of a computer network. This vendor-neutral course will cover concepts needed industry-wide in the area of computer networking knowledge and skills. This course is the next logical step after A+ Certification and leads directly into a computer networking academy such as Cisco or Oracle.

JOURNALISM

PHOTOJOURNALISM

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 2 hours week
PREREQUISITE: None

Emphasis of this course is learning both black and white darkroom photography and digital photography. Students learn history, ethics, composition and exposure. How to take, develop and print photos traditionally as well as downloading digital pictures and prepare them for use in Adobe Photoshop CS2 is taught. This course is a prerequisite for Advanced Photojournalism and recommended for an upper level journalism course such as News Publications or Yearbook. *There is a fee for this class.*

ADVANCED PHOTOJOURNALISM

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** 2 hours week
PREREQUISITE: Photojournalism

Emphasis is placed on becoming adept at digital photography and using photography to create publications. Students will use InDesign and Photoshop. Page and graphic design rules are taught and used in creation of various mock publications such as magazine pages, newspaper pages and ads. Both Photojournalism and Advanced Photojournalism are recommended before taking News Publication and/or Yearbook. An interest in graphic design as well as photography is also recommended to take this class. *There is a fee for this class.*

JOURNALISM

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 2 hours week
PREREQUISITE: None

This class focuses on news, feature, sports, editorial, caption and headline writing. Students will also learn publications law, the history of journalism, basic page layout and design on the computer. Journalism is a prerequisite for students who plan to make application for the newspaper staff and recommended for anyone interested in applying for yearbook staff. Advanced English, as well as an interest in writing is a recommended prerequisite. A strong basic knowledge of grammar and usage of the English language is also recommended.

BROADCAST JOURNALISM

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** As needed

PREREQUISITE: Journalism or teacher approval

This course is designed for students who are interested in learning all aspects of broadcast production. Students will be exposed to studio productions and broadcast journalism and will learn to select, write, and present information for a news cast/video production. Students will be assigned jobs within the news studio and be expected to maintain an acceptable level of attendance and job performance. Outside class time will be required to tape events and create stories.

YEARBOOK

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** Must be able to work after school as needed.

PREREQUISITE: Teacher approval needed (Journalism/Photojournalism recommended)

Students will use skills gained in photojournalism and journalism classes to create an advanced design for the yearbook. All techniques, both photographic and page design, learned in the photojournalism classes will be applied in the creation of the yearbook. Students are also required to sell advertising and create the ads that will appear in the yearbook. Students must make application to the class in order to be considered for selection. This course is limited to 15 students. It is strongly recommended that interested students attend journalism camp at Kansas State University during the summer at their own expense.

NEWS PUBLICATIONS

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** Must be able to attend production nights

PREREQUISITE: Journalism & teacher approval needed (Photojournalism recommended)

Students will use their journalism skills to write and edit news, feature and sports stories for publication in the high school newspaper. Advanced page layout/computer design and digital photography techniques will be included. In addition, students will sell and create ads to finance the printing of the paper. This course is limited to 15 students who submit an application to the instructor. It is strongly recommended that the newspaper staff attend journalism camp in the summer at their own expense.

SCHOOL PUBLICATIONS

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** Must be able to work after school as needed

PREREQUISITE: Teacher approval needed (Journalism and Photojournalism recommended)

Students will produce a variety of school publications such as sports, music, and theatre programs. They will learn skills involved in desktop publishing, advertising sales, graphic-design, and digital photography techniques.

LANGUAGE ARTS

ALL 9TH GRADE ENGLISH STUDENTS ARE GIVEN A COPY OF A GUIDE TO RESEARCH WHICH THEY WILL USE DURING THEIR HIGH SCHOOL CLASSES ALL FOUR YEARS. IF A STUDENT LOSES THE GUIDE HE OR SHE WILL BE REQUIRED TO PURCHASE AN ADDITIONAL COPY FOR \$5.00.

ENGLISH 1

CREDIT: 1.0
GRADE: 9 **HOMEWORK:** 2-3 hours week
PREREQUISITE: 8th Grade English

The study of language includes development of vocabulary and spelling along with various other library resources. The basic process of writing the research report is covered. Special attention is given to effective sentence, paragraph, and multi-paragraph construction. Grammar is taught in conjunction with composition. The study of literature includes the examination of basic literary techniques of foreshadowing, plot, characterization, setting, irony, theme, symbolism and figurative language. Students are required to complete reading and writing assignments both outside and inside class.

ENGLISH 1A

CREDIT: 1.0
GRADE: 9 **HOMEWORK:** 2-3 hours week
PREREQUISITE: 8th Grade English

The study of language skills and writing is similar to but more intensive than in the English 1 class. The study of literature enhances students' abilities in critical thinking, analysis, and synthesis as they read novels, short stories, poems and plays. Students are required to complete reading and writing assignments inside and outside of class, including extensive research projects.

ENGLISH 2

CREDIT: 1.0
GRADE: 10 **HOMEWORK:** 2-3 hours week
PREREQUISITE: English 1 or 1A

Units of study in mechanics, vocabulary, and usage will be combined with process writing; which will include both paragraphs and compositions. Students will write a research report and will be expected to use the process of manuscript revision, research techniques, and documentation. Written and oral responses to major works are a significant part of the course. Literature study includes drama, poetry, the short story, and the novel. Through the study of literature, students will develop skills in comprehension, analysis, interpretation, criticism and creative use of language. Students are required to complete reading and writing assignments both inside and outside of class.

ENGLISH 2A

CREDIT: 1.0
GRADE: 10 **HOMEWORK:** 2-3 hours week
PREREQUISITE: English 1 or 1A

This course varies from regular English 2 in the levels of analysis and interpretation of literary works as well as the volume of literature to which students will be exposed. Composition, both critical and creative, is emphasized beyond the range of mastering basic skills. Students will complete a research report and a research paper, both of which will incorporate the research process and documentation. Students will study units in mechanics, vocabulary, and usage. Summer reading is required for this class. See the teacher in May for your assignment.

ENGLISH 3

CREDIT: 1.0
GRADE: 11 **HOMEWORK:** 2-3 hours week
PREREQUISITE: English 2 or 2A

This course encourages the development of writing skills and prepares students for writing and research in other high school courses. Students study American poetry, short stories, novels, dramas, and essays as literary forms. Through the process of writing a formal research paper, students learn to gather and evaluate research materials and formulate an arguable thesis and share their research conclusions.

ENGLISH 3A

CREDIT: 1.0
GRADE: 11 **HOMEWORK:** 3 hours week
PREREQUISITE: English 2 or 2A

The study of American literature and classroom writing assignments are similar to the regular English 3 class but at more intensive levels. Students will be expected to demonstrate critical thinking skills—analysis, synthesis, and evaluation as they read novels, short stories, poems and plays. Students are required to complete additional reading and writing assignments outside class, including extensive research. Summer reading is required for this class. See the teacher in May for your assignment. Summer reading is required for this class. See the teacher in May for your assignment.

ENGLISH COMPOSITION & LITERATURE

CREDIT: 1.0
GRADE: 12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: English 3 or 3A

The study of language includes development of vocabulary, syntax, usage, and conventions. Student writing assignments are designed to ensure competent writers. Students will comprehend and respond both personally analytically to high school grade-level reading. Students will write a formal research paper and learn how to gather and evaluate research material while formulating an arguable thesis and sharing their research conclusions. The study of British literature includes the examination of the following basic literary techniques: foreshadowing, plot, characterization, setting irony, theme, symbolism, and figurative language. Students are required to complete reading and writing assignments both outside and inside class.

AP ENGLISH

CREDIT: 1.0
GRADE: 12 **HOMEWORK:** 4-5 hours week
PREREQUISITE: English 3 or 3A

Students will study college-level materials in language, literature, and composition. The content of the course and examination will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Program. *Summer reading is required for this class. See the teacher in May for your assignment.* Note: each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

DUAL CREDIT ENGLISH COMPOSITION/ LITERATURE

CREDIT: 1.0 (earns 6 college hours)

GRADE: 12 **HOMEWORK:** 4-5 hours week

PREREQUISITE: An average "C" or better in high school English and a score at a predetermined level on a diagnostic instrument selected by the English department or successful completion of EGG100 (Fundamentals of English)

This course is a dual credit class. It will be taught by an AHS/ACHS teacher but will follow the BCC course syllabus for English Composition I and British Literature II. It is a 2- semester course. **Students will be required to pay college tuition and purchase college English textbooks each semester.** Upon successful completion of the course(s) students will earn 1.0 senior English credit for high school, 3 hours of college credit for English Composition I, and 3 hours of credit for British Literature II. Seniors who have an average of B or above in high school English and who are willing to meet the expectancy level for college courses are eligible to apply. Students **MUST** score at a predetermined level on a diagnostic instrument selected by the BCCC English department. The composition course involves a study of the grammatical and rhetorical structure as applied to effective writing. Regular writing assignments are an integral part of the course. The literature course is an introduction to world literature and a survey of the major periods of British literature. *Summer reading is required for this class. See the teacher in May for your assignment.*

ENGLISH REVIEW

CREDIT: 1.0

GRADE: 9-12 **HOMEOWRK:** 2-3 hours week

PREREQUISITE: Teacher Recommendation

This course may be required for students who have failed a semester of English. It is also an option for students who have been identified as needing further instruction in reading and writing as identified by Stanford 9 scores, state assessments, or teacher recommendation. Students will receive additional instruction in reading and writing skills based on their individual needs. Student recommendation for this course should be based on lack of achievement in reading and writing rather than behavior or lack of effort.

ENGLISH AS A SECOND LANGUAGE

CREDIT: .5

GRADE: 9-12 **HOMEWORK:** 1 hour per week

PREREQUISITE: KELPA Testing and placement

This course is designed to assist students in acquiring conversational and academic English proficiency. Our district ELL program will work with the student in general areas of listening, speaking, reading, and writing. We will work in detailed areas of pronunciation, dialogue, common English expressions, vocabulary, spelling, English grammar rules, reading and writing proficiency. High School students will participate in a Sheltered English Pull-out program for one class period each day to receive Sheltered English instruction from a qualified ELL-ESL (English as a Second Language) Teacher. Proficient acquisition of conversational and academic English and success in regular education classes will result in student exiting the ELL program.

THEATRE 1

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 1-2 hour week

PREREQUISITE: None

Students will study all phases of acting: dramatic interpretation, oral interpretation, and improvisation. Included in this course will be units on stagecraft, make-up, and theatre history. Students are expected to perform frequently.

THEATRE 2

CREDIT: 1.0

GRADE: 10-12 HOMEWORK: 1-2 hour week

PREREQUISITE: "C" or better in Theatre 1 or teacher approval

Students will study advanced techniques of acting, stagecraft, lighting, make-up, and all elements of theatre production. Students will also participate in performances and will learn all facets of working on a stage crew.

ADVANCED ACTING

CREDIT: 1.0

GRADE: 10-12 HOMEWORK: 1-2 hour week

PREREQUISITE: By audition only

This two semester course is an "audition only" class for students who have completed at least one theatre class. Students selected will develop skills in improvisation and character analysis and they will participate in performances in and outside of school. Additionally, students will write their own plays and will learn the basics of set design and blocking. Students will be able to repeat this course, but yearly auditions are required.

THEATRE TECHNOLOGY

CREDIT: 1.0

GRADE: 10-12 HOMEWORK: As needed

PREREQUISITE: Theatre 1 or teacher approval

This course is designed for students who are interested in learning all of the technical aspects of a production. Students will learn to create lighting designs, operate a sound board, learn stage management, apply scenic techniques, and create and maintain a portfolio. Students will work with various tools and help to build scenery.

SPEECH 1

CREDIT: .5

GRADE: 9-12 HOMEWORK: 1-2 hour week

PREREQUISITE: None

This course is designed as an introduction to speech communication. Students are prepared in the areas of interpersonal communication, small group communication, communication theory, and public speaking. Students learn organization, listening, speaking, and critical thinking skills. Students practice informative, visual aids, and persuasive speaking before an audience.

DUAL CREDIT SPEECH (BCC)

(previously Speech 2)

CREDIT: .5

GRADE: 11-12 HOMEWORK: 2 hours per week

PREREQUISITE: Speech 1

This course will enable the student to communicate effectively in a variety of public speaking venues, utilizing nonverbal as well as verbal skills. The student will be able to critically assess information on both a verbal and research level. This course will enable the student to recognize the importance of self concept in oral communication, to interview effectively and to work in groups confidently. 3 hours college credit.

DEBATE 1

CREDIT: .5

GRADE: 9-12 HOMEWORK: Participation required at night and on weekends during first semester

PREREQUISITE: GPA of 2.5 or above

This activity course is designed to teach organization, listening, research, speaking, and argument skills. Students practice these skills through competition with other schools. Students are required to attend ten (10) afternoon and evening practices. Students must also be available to attend three (3) weekend tournaments. **Students must meet KSHSAA eligibility requirements.**

ADVANCED DEBATE

CREDIT: .5

GRADE: 10-12 **HOMEWORK:** Participation required at night and on weekends during first semester

PREREQUISITE: Debate 1 with grade of "C" or above; teacher approval; GPA of 2.5 or above

This course is an extension of the novice course for students who wish to pursue an advanced level of debating. Students continue to develop organization, listening, argument, research, and speaking skills. Students will be expected to spend a number of hours each week in extensive research and to be available for four (4) advanced tournaments on weekends. Students must also participate in ten (10) afternoon and evening practices. **Students must meet KSHSAA eligibility requirements.**

FORENSICS

CREDIT: .5

GRADE: 9-12 **HOMEWORK:** Must be available for weekend competitions during second semester

PREREQUISITE: GPA of 2.5 or above and first time forensic participants must enroll in the class

Students prepare events for participation in speech and drama contests. Students may participate in interpretation and speaking events. Events include student congress, public forum debate, Lincoln-Douglas debate, extemporaneous speaking, original oration, informative speaking, poetry, prose interpretation, humorous interpretation, dramatic interpretation, duet acting, and duo interpretation. Students learn speaking, organization, and acting skills. Students are required to attend ten (10) afternoon and evening practices. Students must be available to attend three (3) weekend tournaments. **Students must meet KSHSAA eligibility requirements.**

MATHEMATICS

All math classes are going to require at least a Texas Instrument TI83 graphing calculator with a recommendation of a TI84 (Plus or Silver) or a TI NSpire.

ALGEBRA 1

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: Pre-Algebra

MATERIALS: Ruler, graph paper, and graphing calculator

Students in Algebra 1 will study order of operations, solving equations with one variable, graphing equations, working with exponential expressions, and factoring polynomials. Linear and exponential functions will be studied in depth. These topics will be studied in the context of their application to real-world problems as well as at a theoretical level. This course **does** meet the Qualified Admissions requirements for math if taken at the high school level. The Kansas Standards of number and computation, geometry, and data are reinforced throughout the curriculum.

ALGEBRA 1 ASSIST

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** N/A

PREREQUISITE: Concurrent enrollment in Algebra and/or Teacher recommendation

MATERIALS: Ruler, graph paper, and graphing calculator

This course will cover the same standards as Algebra 1. Class size will be limited to 10-15 students. Students will be placed in Algebra Assist based on grades, test scores and teacher recommendation. Emphasis is placed on interactive, hands-on instructional strategies used to solve real-world application problems. **This class does not meet Qualified Admissions requirements for math and does not count as a math graduation requirement but counts as an elective.**

GEOMETRY

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: Algebra 1
MATERIALS: Protractor, ruler, compass, graph paper, and graphing calculator

Geometry is the study of the various relationships between points, lines and planes. This course will also integrate numerous algebra concepts throughout the year. Topics covered will include measurement, area, volume, proofs, coordinate and transformational geometry, vectors, properties of polygons, similarity and congruence of figures, and mathematical logic. Problem solving is emphasized throughout along with applications of real world problems. Additionally, many topics will be explored at the theoretical level. This course **does** meet Qualified Admissions requirements for math if taken at the high school level.

GEOMETRY ASSIST

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** N/A
PREREQUISITE: Concurrent enrollment in Geometry and/or Teacher recommendation
MATERIALS: Ruler, graph paper, and graphing calculator

This course will cover the same standards as Geometry. Class size will be limited to 10-15 students. Students will be placed in Geometry Assist based on grades, test scores and teacher recommendation. Emphasis is placed on interactive, hands-on instructional strategies used to solve real-world application problems. **This class does not meet Qualified Admissions requirements for math and does not count as a math graduation requirement but counts as an elective.**

INTERMEDIATE ALGEBRA

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 4-5 hours week
PREREQUISITE: Geometry
MATERIALS: Graphing calculator

Intermediate Algebra is designed to offer students skill-level knowledge of algebra. This course can help the student advance to Algebra 2 or College Algebra. The student will review basic algebra concepts, including solving equations and inequalities, graphing linear and nonlinear equations and inequalities, solving systems of equations, and adding, subtracting, multiplying, dividing, and factoring polynomials. In addition, the student will solve equations and inequalities involving absolute values, rational polynomials, exponentials, logarithms, and radicals, apply factoring, completing-the-square, and the quadratic formula to solve quadratic equations, graph and identify the equations for conic sections, solve systems of equations using graphical, algebraic, matrix techniques, and use technology when appropriate to help solve problems both inside and outside of math. This course **does** meet Qualified Admissions requirements for math.

ALGEBRA 2

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 4-5 hours week
PREREQUISITE: Geometry
MATERIALS: Ruler, graph paper and a graphing calculator

This course builds on work covered in previous algebra and geometry classes. Students will study linear and nonlinear functions (quadratic, exponential, logarithmic, and trigonometric), graphing, sequences (arithmetic and geometric), direct and indirect variations, matrices and their applications, systems of equations and inequalities, inverses and radicals, basic trigonometry, and polynomials. Problem solving is emphasized throughout, along with applications to real world problems. Additionally, many topics will be explored at the theoretical level. The appropriate use of technology will be stressed throughout the course. The mathematics covered in Algebra 2 is considered to be the minimum level of mathematics for success in college work. This course **does** meet Qualified Admissions requirements for math.

ALGEBRA 2 ASSIST

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** N/A
PREREQUISITE: Concurrent enrollment in Algebra 2 and/or Teacher recommendation
MATERIALS: Ruler, compass, protractor, graphing calculator

This course will cover the same standards as Algebra 2. Class size will be limited to 10-15 students. Students will be placed in Algebra 2 Assist based on grades, test scores and teacher recommendation. Emphasis is placed on interactive, hands-on instructional strategies used to solve real-world application problems. This class does not meet Qualified Admissions requirements for math and does not count as a math graduation requirement.

COLLEGE ALGEBRA (Dual Credit)

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 40-45 Min/Day
PREREQUISITE: Algebra 2 or Intermediate Algebra; ACT math score of 21 or higher OR Passing Score on Asset Test from BCC
MATERIALS: Graphing calculator is required

College Algebra is a study of graphs, relations and functions (including exponential and logarithmic functions), inequalities, complex numbers, systems of equations, solutions of higher degree functions matrices, factoring and other selected topics. This is a dual credit one semester College Algebra class worth 3 credit hours from BCC. Students are required to pay both tuition and book costs at BCC. This course *does* meet Qualified Admissions requirements for math.

COLLEGE ALGEBRA with Review (Dual Credit)

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 45-60 Min/Day
PREREQUISITE: Algebra 2 or Intermediate Algebra; ACT math score of 19 or higher OR Passing Score on Asset Test from BCC
MATERIALS: Graphing calculator is required

College Algebra with Review is a study of graphs, relations, functions (including piece-wise, exponential, and logarithmic functions), inequalities, complex numbers, systems of equations, solutions of higher degree functions, matrices, factoring, and other selected topics. This is a dual credit two semester College Algebra class worth 5 college credit hours from BCC. Students taking the course for BCC credit will be expected to pay both tuition and book costs. This course *does* meet Qualified Admissions requirements for math.

APPLIED STATISTICS (Dual Credit)

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 45-60 min/day
PREREQUISITE: College Algebra with a C or better; ACT math score of 21 or higher OR Passing Score on Asset Test from BCC
MATERIALS: Graphing calculator is required, preferably a TI83 Plus.

This course will enable the student to collect data by appropriate sampling techniques, summarize data with graphs and tables, calculate descriptive statistics, identify misuses of statistics, assess risk using concepts of probability, estimate and make decisions about means and proportions through the use of confidence intervals and hypothesis testing, and perform linear regression. This is a dual credit Applied Statistics class worth three credit hours from Butler County College (BCC). Students are required to pay both tuition and book costs at BCC.

FUNCTIONS, STATISTICS AND TRIGONOMETRY (FST)

CREDIT: 1.0
GRADE: 10-12 **HOMEWORK:** 4-5 hours week
PREREQUISITE: Algebra 2 or Intermediate Algebra
MATERIALS: Graphing calculator is required

This course provides a rich background in displaying, describing, transforming and interpreting numerical information in the form of data, graphs or equations. Statistical concepts include basic descriptive statistics through normal distributions and some hypotheses testing. The trigonometry covered will include both right triangle and unit circle definitions of the trigonometric functions, their application to the finding of lengths and angle measures in any triangle, their graphs, trigonometric identities and their applications to polar coordinates and to the finding of powers and roots of complex numbers. Further work will be done with polynomial, root, power, logarithmic, and exponential functions, sequences and series, and matrix applications to trigonometry. Problem solving is emphasized throughout, along with applications to real world problems. Additionally, many topics will be treated at the theoretical level. The appropriate use of technology will be stressed throughout the course. This course **does** meet Qualified Admissions requirements for math.

PRE-CALCULUS AND DISCRETE MATH (PDM)

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 45-60 Min/ Day
PREREQUISITE: FST
MATERIALS: Graphing calculator is required

This course integrates the conceptual underpinnings of calculus with the topics of discrete mathematics. Students will have the opportunity to informally investigate the traditional concepts of calculus, such as maxima, minima, infinite sequences, limits, derivatives, and integrals as applied to and illustrated by real-world applications. Discrete mathematics and will cover such topics as formal logic, properties of integers, recursion, mathematical induction, combinatorics, circuits and graph theory. The study of functions will include polynomial, rational, and trigonometric functions, along with polar coordinates and complex numbers. Problem solving is emphasized throughout, along with applications to real world problems. Additionally, many topics will be treated at the theoretical level. The appropriate use of technology will be stressed through out the course. This course does meet Qualified Admissions requirements for math.

CALCULUS (Dual Credit and AP)

CREDIT: 1.0
GRADE: 12 **HOMEWORK:** 60-75 Min/Day
PREREQUISITE: PDM or FST (with teacher recommendation); ACT math score of 26 or higher OR Passing Score on Asset Test from BCC
MATERIALS: Graphing calculator is required

Calculus is the mathematical tool used to analyze changes in physical quantities and investigate the properties and graphs of functions. Topics covered will include: limits, continuity, differentiation and integration of elementary and transcendental functions and their inverses, and trigonometry. Applications of differentiation and integration both inside and outside mathematics will be covered. The use of appropriate technology will be interwoven throughout the course. This course may be taken for dual credit or as an AP course. If taken for dual credit, successful completion of the Calculus class will be worth five (5) credit hours with BCC. Students must pay for tuition and books. The AP Calculus class will follow the guidelines set up by the AP College Board. Students will study for the AP test given in May. This test is optional, but highly recommended. A fee is charged for taking this test. The amount of college credit given depends on the student's score on the test and the university they will be attending. This course **does** meet Qualified Admissions requirement for math.

MUSIC

For Band, Treble Choir, Chamber Chorale and Select Mixed Ensemble, students must meet KSHAA eligibility requirements to participate in state-sponsored competitions.

BAND

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 2 hours week
PREREQUISITE: 8th grade Band/Director's approval

This course is a full-year performance organization. The band will perform at various school functions including: football games marching performances, competitive marching band performances, basketball pep band performances, symphonic & concert band competitive performances, symphonic & concert band concert series. The instrumental curriculum is designed to build upon fundamental training while expanding the performance opportunities of all students enrolled. Honor Bands, Solos, Ensembles, and other forms of individual performances are encouraged to enhance the skills of each musician. Added rehearsals outside the school day will be necessary. Student obligations will include: marching band shoes, black socks, band T-shirt, and white gloves. There is annual uniform cleaning fee.

JAZZ BAND

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 1 1/2hrs week
PREREQUISITE: 8th grade Band; concurrent enrollment in high school band; director's approval

Students are eligible to enroll in this select ensemble by audition only. Current members in good standing of grades 8-11 band will be allowed to audition. Members of Jazz Band must be enrolled concurrently in Band 9-12. Students will prepare and perform jazz, pop, and other contemporary styles of music at various functions which may include concerts, festivals, basketball games, and other venues. The Jazz Band class will also offer opportunities in performance combos and other types of small ensembles.

MUSIC THEORY & APPRECIATION

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: Concurrent enrollment in band or choir

This class is for the more serious music students who plan to pursue a music major or music minor in college. Fundamentals of music theory and music history will be studied to prepare students for placement in college level music theory.

CONCERT CHOIR

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 1 hour/week
PREREQUISITE: None (7th/8th Vocal/Instrumental Music encouraged)

Concert choir is a non-select choral ensemble consisting of 9-12 grade students. The class will focus on preparing students for more advanced choral music studies. Music reading, counting, vocabulary, some music history and styles will be studied. There will be opportunities for small ensemble and solo involvement. There will be several opportunities for performance throughout the year. An annual outfit fee will be charged. Shoes are the responsibility of the student.

WOMEN'S ENSEMBLE
(AHS Les Chanteuses/ACHS Women's Ensemble)

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Placement audition

Women's Ensemble is a select women's choral ensemble. The class will study music reading, counting, vocabulary, music history and styles. The class is performance oriented and will perform many times during the school year. Some choreography will be used. An annual outfit fee will be charged. Shoes are the responsibility of the student.

MEN'S ENSEMBLE
(AHS Sotto Voce/ACHS Men's Ensemble)

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Placement audition

Men's Ensemble is a select choral ensemble. The class will study music reading, counting, vocabulary, music history and styles. The class is performance oriented and will perform many times during the school year. Some choreography will be used. An annual outfit fee will be charged. Shoes are the responsibility of the student.

CHAMBER CHORALE

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Placement audition

Chamber Chorale is a select mixed choir chosen. The class will study music reading, counting, vocabulary, music history and styles. The class is performance oriented and will perform many times during the school year. Some choreography will be used. An annual outfit fee will be charged. Shoes are the responsibility of the student.

SELECT MIXED ENSEMBLE
(AHS Madrigals/ACHS New Generation)

CREDIT: 1.0
GRADE: 10-12 HOMEWORK: 1 hour/week
PREREQUISITE: Placement audition

Select Mixed Ensemble is an advanced vocal group focusing on higher level music repertoire. In addition to the required in-school performances this group traditionally sings the National Anthem for selected events. This ensemble is available to sing for community organization when invited. Some choreography is used. An annual outfit fee will be charged. Shoes are the responsibility of the student.

PHYSICAL EDUCATION

FOUNDATIONS OF PHYSICAL EDUCATION

CREDIT: .5
GRADE: 9 **HOMEWORK:** 2 hrs/9 weeks
PREREQUISITE: None

This introductory course places an emphasis on developing knowledge, skills and a healthful attitude enabling a lifetime pursuit of physical activity and fitness. This course is required for graduation.

FOUNDATIONS OF HEALTH

CREDIT: .5
GRADE: 10 **HOMEWORK:** 2 hours/week
PREREQUISITE: None

The student will learn about the various body systems, human sexuality and AIDS, mental health, nutrition and diet, physical fitness, substance abuse, personal hygiene, and managing stress. Students in Foundations of Health will also learn decision making skills and refusal skills, learn about violence prevention and teen dating issues, and about the effects of the media on issues related to healthy lifestyles. This course is required for graduation.

ADVANCED PHYSICAL EDUCATION

CREDIT: 1.0(each semester earns .5 cr)
GRADE: 10-12 **HOMEWORK:** 2 hrs/9 weeks
PREREQUISITE: Foundations of Physical Education

Advanced Physical Education is designed to provide students an opportunity for utilizing their physical skills in challenging activities. Outdoor and indoor activities with an emphasis on cardiovascular endurance, muscular strength and flexibility are emphasized in this course.

WEIGHT TRAINING

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** None
PREREQUISITE: Foundations of Physical Education

The purpose of this course is to develop strength, flexibility, speed and agility. Areas of instruction include weight room safety, spotting techniques, basic anatomy and physiology, weight training strategies.

LIFETIME FITNESS

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** None
PREREQUISITE: Foundations of Physical Education

This course is designed to promote wellness through regular participation in physical fitness activities. The need for lifetime exercise as opposed to occasional participation is emphasized. Specific areas of concentration include cardio-respiratory efficiency, muscular strength, flexibility and setting and achieving fitness goals.

AEROBICS

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** None
PREREQUISITE: Foundations of Physical Education

The purpose of this course is to acquire and develop the following: an individual level of health-related fitness, an understanding of how regular exercise can relieve stress, and knowledge of the importance of making a commitment to physical activity as an important part of one's lifestyle. In this class students will participate in aerobic activities (floor aerobics and kickboxing), walking, jogging, and complete body toning with light weights and resistance bands.

SPORTS MEDICINE and ATHLETIC TRAINING

CREDIT: .5
GRADE: 10-12 **HOMEWORK:** None
PREREQUISITE: Foundations of Physical Education/Health

This course will provide a basic understanding of and experience in athletic training and applied health sciences. It will help prepare students interested in competitive athletics, non-competitive involvement in athletics, health care careers, applied health science careers as Physical Therapy, Kinesiology, or Sports Medicine or such things as personal trainers, coaches, or physical education teaching positions.

SCIENCE

FRESHMAN SCIENCE

CREDIT: 1.0
GRADE: 9 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Freshmen Science is physical/earth and space science course designed to prepare all high school students to be scientifically literate. The main topics covered in this course will be chemistry concepts, physics concepts, earth and space science, and environmental issues. Emphasis in this class will be placed on conceptual understanding through the use of technology and labs. **This class does not meet Qualified Admissions requirements for science but does count as a high school science graduation requirement.**

BIOLOGY IN CONTEXT

CREDIT: 1.0
GRADE: 10 **HOMEWORK:** 1 hour week
PREREQUISITE: Freshman Science or equivalent

Biology in Context covers the same standards as Biology. The instructional delivery model of this class, however, is different. Biology in Context teaches students biology concepts through applications and real world experiences. This allows students to explore, experience, understand and apply biology concepts to real life. Emphasis in this class will be placed on understanding through the use of technology, labs, and hands-on experiences.

BIOLOGY

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK:** 1-2 hours week
PREREQUISITE: Freshman Science or equivalent

Biology is the study of living things. Students will learn about the cell, DNA, genetics, bacteria, fungi, protists, and plant and animal phylogeny. This course is recommended for students that plan on attending a two or four year college.

AP BIOLOGY

CREDIT: 1.0
GRADE: 11-12 **HOMEWORK:** 2 hours week
PREREQUISITE: Biology and Chemistry

AP Biology is designed to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Course content will be driven by the required Advanced Placement Biology curriculum and exam. The primary goal is to develop a deep understanding of concepts rather than on memorizing terms and technical details. Note: each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

CHEMISTRY

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** 1-2 hours week

PREREQUISITE: Biology or concurrently taking Biology and Algebra 1

Chemistry is a study of matter and its changes. With the use of laboratory experiments and other inquiry methods, theories will be developed to explain how matter interacts. Major concepts include the properties of matter, chemical bonding, atomic theory, the structure of the periodic table, writing and balancing chemical equations, stoichiometry, energy changes in reactions, and acid/base theory. Grading is based on homework, lab reports and tests.

HONORS CHEMISTRY

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** 1-2 hours week

PREREQUISITE: Biology and Algebra 2

Chemistry is a study of matter and its changes. With the use of laboratory experiments and other inquiry methods, theories will be developed to explain how matter interacts. Major concepts include the properties of matter, chemical bonding, atomic theory, the structure of the periodic table, writing and balancing chemical equations, stoichiometry, energy changes in reactions, and acid/base theory. Grading is based on homework, lab reports and tests. Honors Chemistry works at a faster pace, is more in-depth and more rigorous than Chemistry.

AP CHEMISTRY

CREDIT: 1.0

GRADE: 11 or 12 **HOMEWORK:** 3-5 hours week

PREREQUISITE: B's or better in Chemistry and FST

The Advanced Placement Chemistry course is designed to be the equivalent of the first year of course at the university level. Emphasis is placed on problem solving and methods of investigation of chemistry. A wide range of concepts going from the Quantum Mechanical Model of the atom to thermodynamics, chemical kinetics, and electrochemistry are considered. The goals of the course are to prepare for the Advanced Placement test and to develop analytical and critical thinking skills required for the further study of the sciences at the University level. Note: each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

PRINCIPLES OF TECHNOLOGY 1

CREDIT: 1.0

GRADE: 10-12 **HOMEWORK:** 1 hour week

PREREQUISITE: Freshmen Science

"Technology is changing the way we live, work, and play." Principles of Technology is an applied science (physics) course. It blends an understanding of basic scientific principles with practical applications. The spiral approach is used to investigate four systems and how they are combined to develop useful technologies used in our daily lives. The four systems are the Mechanical Systems, Fluid Systems, Electrical Systems, and Thermal Systems.

PRINCIPLES OF TECHNOLOGY 2

CREDIT: 1.0

GRADE: 11-12 **HOMEWORK:** 1-3 hours week

PREREQUISITE: Principles of Technology 1

Principles of Technology 2 is a continuation of Principles of Technology 1. Principles of Technology is an applied science (physics) course. It blends an understanding of basic scientific principles with practical applications. The spiral approach is used to investigate four systems and how they are combined to develop useful technologies used in our daily lives. The four systems are the Mechanical Systems, Fluid Systems, Electrical Systems, and Thermal Systems.

PHYSICS

CREDIT: 1.0

GRADE: 11-12 HOMEWORK: 1-2 hours week

PREREQUISITE: Algebra 2. It is also helpful if the student has taken a previous chemistry class.

How and why do objects move? How is matter affected by energy changes? How is light generated and what are its properties? Are electricity and magnetism related and how does matter interact with this kind of energy? These are a few of the questions considered in the study of physics. This laboratory based course shows how these major concepts interact and relate to each other. Grading is based on homework, lab reports and tests.

AP PHYSICS B

CREDIT: 1.0

GRADE: 11-12 HOMEWORK: 3-5 hours/week

PREREQUISITE: FST. It is also helpful if the student has taken a previous chemistry class.

Physics AP-B is a college level physics course. Topics that are discussed include classical mechanics, properties of matter, thermodynamics, wave phenomena, electricity, magnetism, optics and modern physics (including quantum mechanics, atomic and nuclear physics and particle physics). Note: each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

ANATOMY & PHYSIOLOGY 1

CREDIT: .5

GRADE: 11-12 HOMEWORK: 1-2 hours week

PREREQUISITE: 2 science credits

This class covers the anatomical and physiological aspects of various systems of the human body. The systems learned in the first semester include the introduction and overview of the body, the nervous, skeletal, muscular and sense organs. This class is recommended for those planning on entering a medical or health profession.

ANATOMY & PHYSIOLOGY 2

CREDIT: .5

GRADE: 11-12 HOMEWORK: 1-2 hours week

PREREQUISITE: 2 science credits & Anatomy and Physiology 1

This class covers the anatomical and physiological aspects of various systems of the human body. The systems learned the second semester include the excretory, integumentary, endocrine, lymphatic, circulatory, respiratory, and digestive. This class is recommended for those planning on entering a medical or health profession.

ZOOLOGY

CREDIT: .5

GRADE: 11-12 HOMEWORK: 3 hours week

PREREQUISITE: Two science credits

This course provides a perspective of the animal kingdom by investigating the various groups of animals in zoology using systematic zoology. It is designed for students who are planning to pursue a major in Biology, or who are interested in pursuing their knowledge of structure, habits, and taxonomy of the animal kingdom.

SOCIAL STUDIES

WORLD GEOGRAPHY

CREDIT: .5
GRADE: 9 **HOMEWORK:** 4-5 hours week
PREREQUISITE: None

Students will study systematic relationships between people, politics and economics and the land. They will use maps and other geographic tools to obtain environmental information. Students will also learn about the earth's physical features and culture as influenced by the physical environment.

ANCIENT WORLD HISTORY

CREDIT: .5
GRADE: 9-10 **HOMEWORK:** 2 hours week
PREREQUISITE: None

This course begins with prehistory and studies the great civilizations of Egypt, Greece, and Rome. Society, government, and relevance to our own society are emphasized. An overview of the world's major religions i.e. Buddhism, Hinduism, Christianity, Islam and Judaism is also included. The course ends with a study of the Middle Ages from the decline of the Roman Empire to the Renaissance.

MODERN WORLD HISTORY

CREDIT: .5
GRADE: 10 **HOMEWORK:** 2-3 hours week
PREREQUISITE: None

The course begins with the Renaissance and continues with the Protestant Reformation, the Age of Enlightenment, with emphasis on development of our present form of government. Major revolutions such as the Scientific, French, and Industrial Revolutions are studied to examine our world's evolution from an agrarian to industrial society. The course concludes with an examination of the two world wars of the 20th century and their impact on the world today.

HONORS MODERN WORLD HISTORY

Credit: .5
Grade: 10 **Homework:** 3 hours week
Prerequisite: none

Honors Modern World History offers students a chance to take the required Modern World History in an advanced format. The content will cover the Renaissance/Reformation era, the Age of Enlightenment and Discovery with an emphasis on the development of our present form of government. Major revolutions such as the Scientific, French, and Industrial Revolutions are studied to examine our world's evolution from an agrarian to industrial society. The course concludes with an examination of the two world wars of the 20th century and their impact on the world today. The honors section of this course will incorporate reading 2-3 historical novels as well as place an emphasis on interpreting historical primary documents and developing analytical writing skills.

CURRENT WORLD AFFAIRS

CREDIT: .5
GRADE: 10-11 **HOMEWORK:** 1 hour week
PREREQUISITE: None

Students will investigate and analyze the world's current events that will shape the future. National and international issues from recent years will be examined and applied to the current status of affairs. Current magazines, newspapers, CNN and other news media will be used as resource materials as students will be expected to articulate and discuss relevant issues pertaining to local, state, national, and international events.

ECONOMICS

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: None

This course is designed to apply the concepts of Economics into the real world. Major theories will be examined and applied to activities drawn from life experiences. Major emphasis will be given to decision making, the government's role in daily financial life, and the building of personal confidence in economic skills.

BASIC LAW

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: None

This course is an introduction to the Criminal Justice System. The components include a brief history of criminal law, the principles & concepts of criminal law, participants in the criminal justice system, types of crimes, defenses & evidence, procedure from arrest through trial, and sentencing and corrections applications. This course does qualify for Qualified Admissions.

UNITED STATES HISTORY

CREDIT: 1.0
GRADE: 11 **HOMEWORK:** 2-3 hour week
PREREQUISITE: None

This course will study the history and development of the United States during the 20th Century. Students will analyze the development of industrialization, war, social change and world relations in the U.S. and evaluate the effect of these developments on today's world.

AP UNITED STATES HISTORY

CREDIT: 1.0
GRADE: 11 **HOMEWORK:** 4-5 hours week
PREREQUISITE: None

AP U.S. History is a college level course which covers the political, economic, social, and cultural history of the United States from the time of pre-European exploration to the present. The course is designed to improve skills that relate to advanced academic study while preparing students to successfully take the AP exam in May. Essay writing and critical thinking skills will be developed throughout the course of the year and students will be expected to evaluate and synthesize American History through written and oral means. Note: each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

AP UNITED STATES GOVERNMENT

CREDIT: .5
GRADE: 12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: Application

This course will provide students an analytical perspective on government and politics in the United States. It includes the study of general concepts used to interpret U.S. politics and the analysis of specific examples. The course provides familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. The areas of study (constitutional underpinnings, political beliefs and behaviors, political parties, interest groups and mass media, institution of government, public policy, civil rights and civil liberties) will help to prepare the student for the AP exam. Note: each college determines if it grants AP credit and what score is needed to receive credit. Students should talk to the colleges of their choice.

DUAL CREDIT – UNITED STATES GOVERNMENT

CREDIT: .5
GRADE: 12 **HOMEWORK:** 2-3 hours week
PREREQUISITE: None

This course will evaluate the framework and institutions of the national government of the United States; outline the philosophy and principles of the American democratic tradition; analyze the organization and functions of the branches of national and state governments; investigate the policy making process; investigate and analyze the role of political parties; identify and analyze individual rights and freedoms which are guaranteed and protected under our system of law and justice and significance of current national and international problems confronting the American nation. This semester course is a dual credit class which will be taught by a BCCC course syllabus. **Students are required to pay both tuition and book costs at BCC.**

UNITED STATES GOVERNMENT

CREDIT: .5
GRADE: 12 **HOMEWORK:** 2 hours week
PREREQUISITE: None

This course is designed to introduce students to the basic concepts in our governmental system. Students will be analyzing the theories of government, the meaning and application of the Constitution, political behavior, the structure and function of government (legislative, executive, and judicial) and bureaucracy, and civil rights and civil liberties.

INTRODUCTION TO PSYCHOLOGY

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2 hours/week
PREREQUISITE: None

This is a basic course in Psychology. It will provide an introduction to the principles, problems, methods of studying human behavior and mental processes. The different theories will be compared and contrasted.

INTRODUCTION TO SOCIOLOGY

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2 hours week
PREREQUISITE: None

This course is a study of social interaction. Emphasis will be given to the relationship between culture and personality, attitude, communication, and group processes.

COMPARATIVE WORLD RELIGIONS

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** 2 hours week
PREREQUISITE: None

This course will examine the five major world religions of Judaism, Hinduism, Buddhism, Christianity and Islam. Students will analyze the origins and purpose of religion as well as investigate the cultures, traditions, beliefs and values of the major religions. Students will be expected to be sensitive to the diverse beliefs and values that each religion offers.

SPECIAL EDUCATION

USD385 has available a full range of services to aid the exceptional student in the educational process. These services are either offered in the building or in cooperation with other schools. Parents of students with identified special needs are encouraged to communicate with the school about their children's educational needs. Parents who suspect that their child may have special needs are urged to contact the school's counselors or district school psychologist.

EXTENDED LEARNING PROGRAM

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK: As needed**
PREREQUISITE: Must meet state guidelines

This class is offered to those who qualify for the gifted program. The curriculum is designed to meet the individual needs of each student. Both individual and small group study is utilized. This course may be repeated for credit.

RESOURCE LAB

CREDIT: 1.0
GRADE: 9-12 **HOMEWORK: As needed**
PREREQUISITE: Must meet state guidelines

To be enrolled in the Resource Room the students must have a current IEP. This course will give individualized attention to students based on their needs. Study skills as well as homework completion will be addressed in this course.

RESOURCE LAB VOCATIONAL

CREDIT: Varies
GRADE: 9-12 **HOMEWORK: None**
PREREQUISITE: Must meet state guidelines

This course is designed to provide various work experiences to special education students who meet the requirements. The job sites are within the Andover area and are non-paid positions. Grades are based on a variety of issues: punctuality; work attitude; job performance; quality of work; willingness to learn; following instructions; showing initiative; accepting corrections; relationship with others; and personal appearance. Students who do not call a work site on days they are absent will have their grades lowered one grade level for each no show, no call. This class is an elective and a letter grade is given.

ENGLISH 1

CREDIT: 1.0
GRADE: 9 **HOMEWORK: 1 hour week**
PREREQUISITE: Must meet state guidelines

In this course students will study language including development of vocabulary and spelling skills, and the use of the dictionary along with other library resources. We will cover the basic processes of writing a research paper. Special attention will be give to effective sentence structure, paragraph, and multi-paragraph instruction. Students will study literature throughout the semester including the examination of basic literary techniques of foreshadowing, plot, characterization, setting, irony, theme, symbolism, and figurative language. This course may move more slowly then Regular Education English 1. Other modifications may be made to the course based on individual student needs and IEP goals.

ENGLISH 2

CREDIT: 1.0
GRADE: 10 **HOMEWORK:** 1 hour week
PREREQUISITE: Must meet state guidelines
and English 1

In this course students will complete units of study in mechanics, vocabulary, and usage which will be combined with process writing; which will include paragraphs and compositions. Students will write a research report and will be expected to use the process of manuscript revision, research techniques, and documentation. Written and oral responses to major works are a significant part of the course. Literature study will include drama, poetry, short stories, and novels. Through the study of literature, students will develop skills in comprehension, analysis, interpretation criticism, and creative use of language. This course may move more slowly than Regular Education English 2. Other modifications maybe made to the course based on individual student needs and IEP goals.

ENGLISH 3

CREDIT: 1.0
GRADE: 11 **HOMEWORK:** 1 hour week
PREREQUISITE: Must meet state guidelines and English 2

The aim of this course is to establish competency in writing and to stress interpretation and analysis of American literary works. Students will complete a research project and a research paper, both of which will incorporate the research process and documentation. This course may move more slowly that Regular Education English 3. Other modifications may be made to the course based on individual student needs and IEP goals.

ENGLISH 4

CREDIT: 1.0
GRADE: 12 **HOMEWORK:** 1 hour week
PREREQUISITE: Must meet state guidelines and English 3

This course will give students directed practice in developing a higher level style of writing and a more advanced process of thinking. While studying British and Western literature, students will develop skills in comprehension, analysis, interpretation, criticism, and creative use of language. Students will move more slowly than Regular Education English 4. Other modifications may be made based on individual student needs and IEP goals.

BASIC MATH

CREDIT: 1.0
GRADE: 9-11 **HOMEWORK:** 2 hours week
PREREQUISITE: Must meet state guidelines

In this course students will study basic math skills used in day to day life. Students will learn budgeting skills and complete a banking unit. This course will introduce concepts that students will study in Bridges to Algebra and Geometry.

PRE-ALGEBRA

CREDIT: 1.0
GRADE: 9-11 **HOMEWORK:** 2 hours week
PREREQUISITE: Must meet state guidelines

This is a pre-algebra course and provides a smooth path from elementary arithmetic to algebra and from the visual world to geometry. Topics covered include measurement (both English and metric), variables, problem-solving, formulas, number systems, equations, graphing, data analysis and probability, and some basic geometry concepts including transformations. Emphasis is placed on interactive techniques used to solve real-world application problems. This course may move more slowly than Regular Education Bridges. Other modifications maybe made to the course based on individual student needs and IEP goals.

ALGEBRA 1(NEW)

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: Pre-Algebra

MATERIALS: Ruler, graph paper, and graphing calculator

Students in Algebra 1 will study order of operations, solving equations with one variable, graphing equations, working with exponential expressions, and factoring polynomials. Linear and exponential functions will be studied in depth. These topics will be studied in the context of their application to real-world problems as well as at a theoretical level. This course **does** meet the Qualified Admissions requirements for math if taken at the high school level. The Kansas Standards of number and computation, geometry, and data are reinforced throughout the curriculum.

INFORMAL GEOMETRY

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 2-3 hours week

PREREQUISITE: Must meet state guidelines and Informal Algebra

In this course we will cover a variety of topics including mathematical reasoning and proof, properties of triangles (similarity of congruence), properties of quadrilaterals, parallel and perpendicular lines, coordinate geometry, area of two and three dimensional figures, circles, and transformational geometry. This course may move more slowly than Regular Education Informal Geometry. Other modifications may be made to the course based on individual student needs and IEP goals.

FRESHMAN SCIENCE

CREDIT: 1.0

GRADE: 9-11 **HOMEWORK:** 1 hour week

PREREQUISITE: Must meet state guidelines

Freshmen Science is physical/earth and space science course designed to prepare high school students to be scientifically literate. The main topics covered in this course will be chemistry concepts, physics concepts, earth and space science, and environmental issues. Emphasis in this class will be placed on conceptual understanding through the use of technology and labs. This course may move more slowly than Regular Education Freshmen Science. Other modifications may be made to the course based on individual student needs and IEP goals.

GENERAL SCIENCE

CREDIT: 1.0

GRADE: 9-12 **HOMEWORK:** 1 hour week

PREREQUISITE: Must meet state guidelines

This course will introduce the students to the various disciplines of science including: physical science, biology, astronomy, and anatomy. Other modifications may be made to the course based on individual student needs and IEP goals.

BIOLOGY IN CONTEXT

CREDIT: 1.0

GRADE: 9-11 **HOMEWORK:** 1 hour week

PREREQUISITE: Must meet state guidelines and Freshmen Science

Biology in Context covers the same standards as Biology. The instructional delivery model of this class, however, is different. Biology in Context teaches students biology concepts through application and real world experiences. This allows students to explore, experience, understand and apply biology concepts to real life. Emphasis in this class will be placed on understanding through the use of technology, labs, and hands-on experiences. This course may move more slowly than Regular Biology in Context. Other modifications may be made to the course based on individual student needs and IEP goals.

WORLD GEOGRAPHY

CREDIT: 1.0

GRADE: 9 **HOMEWORK: 1-2 hours week**

PREREQUISITE: Must meet state guidelines

Students in this course will study the relationship between people, the political and economic systems, and the land. They will also learn about the earth's physical features and culture as influenced by the physical environment. This course may move more slowly than Regular Education World Geography. Other modifications may be made to the course based on individual student needs and IEP.

ANCIENT WORLD HISTORY

CREDIT: .5

GRADE: 9-10 **HOMEWORK: 2-3 hours week**

PREREQUISITE: Must meet state guidelines

This course begins with prehistory and studies the great civilizations of Egypt, Greece, and Rome. Society, government, and relevance to our own society are emphasized. An overview of the world's major religions is also included. The course ends with a study of the Middle Ages from the decline of the Roman Empire to the Renaissance. This course may move more slowly than Regular Ancient World History. Other modifications may be made to the course based on individual student needs and IEP.

MODERN WORLD HISTORY

CREDIT: 1.0

GRADE: 10 **HOMEWORK: 1-2 hours week**

PREREQUISITE: Must meet state guidelines

The course begins with the Renaissance and continues with the Protestant Reformation, the Age of Enlightenment, with an emphasis on development of our present form of government. Major revolutions such as the Scientific, French, and Industrial Revolutions are studied to examine our world's evolution from an agrarian to industrial society. The course concludes with an examination of the two world wars of the 20th century and their impact on the world today. This course may move more slowly than Regular Education Modern World History. Other modifications may be made to the course based on individual student needs and IEP.

U.S. HISTORY

CREDIT: 1.0

GRADE: 11 **HOMEWORK: 1 hour week**

PREREQUISITE: Must meet state guidelines

This course will review the history and development of the United States since the Reconstruction Period beginning in 1865. Close attention will be paid to the development of industrialization, war, social change, and world relations. This course may move more slowly than Regular Education U.S. History. Other modifications may be made based on individual student needs and IEP goals.

U.S. GOVERNMENT

CREDIT: .5

GRADE: 12 **HOMEWORK: As needed**

PREREQUISITE: Must meet state guidelines

This course is designed to introduce students to the basic concepts in our governmental system, including some theories of government; the meaning and application of the Constitution; political behavior, the structure and function of Government - Legislative, Executive, Judicial; the bureaucracy; and civil rights and civil liberties. This course may move more slowly than Regular Education U.S. Government. Other modifications may be made based on individual student needs and IEP goals.

COLLEGE RELEASE and STUDY SKILLS are not considered part of the Consortium group.

COLLEGE RELEASE

CREDIT: .5
GRADE: 11-12 **HOMEWORK:** Determined by course taken
PREREQUISITE: Principal's approval

For Butler Community College (BCC): requires qualifying ACT or BCC ASSET Test Score

The College Release Program provides a valuable opportunity for the high school student to enrich themselves. Since there are many classes a student might be interested in taking, each student will be dealt with individually to provide a tailored program that best fits their needs. All college release courses for 1st semester must be taken for dual credit. Students must enroll in a 3 credit hour class to get 1 hour release time and two 3 hour classes or one 5 hour class for 2 hours of release time.

STUDY SKILLS

CREDIT: .5 (Pass/Fail)
GRADE: 9-10 **HOMEWORK:** 1/2 hr/wk
PREREQUISITE: None

This program was designed to help students succeed in the classroom. Grades will be determined on a pass/fail basis. Students will learn study skills that will help them be successful in their individual classes, and also in real life situations. Some activities consist of developing study skills, note & test taking strategies. Students will be able to devote some time to individual courses to strengthen their study habits. Reading, writing, and math may be incorporated into the class.

CONSORTIUM

Enrollment is limited in the following areas: aides, study hall, community service and work pass. Students in grades 10-11 may enroll in **one hour** of consortium credit each semester. Seniors may enroll in **two hours** each semester. The only consortium courses offered for sophomores are Media Aide, Student Council Leadership Communication and Study Hall.

AIDE PROGRAM

The purpose of this program is three-fold. The aide will (1) provide individual help to other students; (2) provide assistance to members of the faculty; and (3) learn from helping others. Student aides will be used by the office, the counselors, the library and teachers.

Students who enroll in this program will receive credit if they complete the program. Credit will not be granted to students who are removed from the program. **Students who choose to be a teacher or media aide cannot enroll in a study hall.**

Interested students should examine the list of aide qualifications, be aware of duties to be performed in each area, and meet the grade level requirement. Students will obtain the appropriate signature during the enrollment process.

TEACHER AIDE

CREDIT: .5 (Pass/Fail)
(may be repeated for credit)
GRADE: 11-12 HOMEWORK: None
PREREQUISITE: Teacher approval

Students selected will spend one class period each day working with the teacher they are assigned to assist. Duties will vary according to the curriculum and grade level, but they may include typing, filing, taking roll, preparing bulletin boards, assisting students, setting up labs, and operating office machines.

OFFICE AIDE

CREDIT: .5 (Pass/Fail)
(may be repeated for credit)
GRADE: 11-12 HOMEWORK: None
PREREQUISITE: Principal's approval

This course provides actual experience in office work. Students taking part will work in the office one class period each day. Duties include: picking up absentee reports, answering the telephone, typing, filing, operating office machines, some computer work, and running errands.

COUNSELOR AIDE

CREDIT: .5 (Pass/Fail)
(may be repeated for credit)
GRADE: 11-12 HOMEWORK: None
PREREQUISITE: Counselor's approval

Students selected will work in the counselors' offices one class period each day. Duties include: typing, filing, operating office machines, arranging materials, running errands, assisting with enrollment, record keeping tasks, checking out information to students, and various other duties.

MEDIA AIDE

CREDIT: .5 (Pass/Fail)
(may be repeated for credit)
GRADE: 10-12 HOMEWORK: None
PREREQUISITE: Librarian's approval

This course provides actual clerical and technical work in the library. Students selected will work one class period each day in the media center. Duties include checking out media and equipment, shelving media, preparing media for circulation, typing, making bulletin boards, laminating, using data bases and word processors on the computer. Students are encouraged to become competent with additional software as time is available.

STUDENT TUTOR

CREDIT: .5 (Pass/Fail)
(may be repeated for credit)
GRADE: 11-12 HOMEWORK: None
PREREQUISITE: Department Chair approval

Students selected will spend one class period each day working with classes in a department as assigned. Duties include assisting and tutoring other students within the class as directed by the teacher.

COMMUNITY SERVICE

CREDIT: .5 (Pass/Fail)- may be repeated for credit
GRADE: 11-12 **HOMEWORK:** Weekly
PREREQUISITE: 2.0 GPA or Administrator approval

The Community Service Program is an off-campus volunteer program. Students interested in this program will need to make arrangements to work as a volunteer on a daily basis in the Andover community. This would include work at the Andover Health Care Center, The Senior Citizens Center, Andover Fire Department, The Chamber of Commerce, City Hall or as a tutor working directly with students at the Middle Schools or the Primary Schools.

STUDENT COUNCIL - LEADERSHIP COMMUNICATION

CREDIT: 1.0 (may be earned 4 times)
GRADE: 9-12 **HOMEWORK:** None
PREREQUISITE: Elected as a member of the Student Council

This course is designed to teach leadership skills to those students elected to serve on the school's Student Council. Students enrolled in this course receive instruction in leadership and practice those skills while serving the school as Student Council members.

STUDY HALLS

CREDIT: 0

A student must enroll in at least 5 classes in the areas of math, computers, science, social studies, foreign language and language arts before they can take a study hall. Study halls are provided only for those who wish to use the time for study purposes. Study halls are not for visiting or to be used as a time filler.

WORKPASS A / WORKPASS B

CREDIT:.5 Pass/Fail per semester **CREDIT:**1.0 Pass/Fail per semester
(Semester 1 = 1 hour) (Semester 2 = 2 hours)
GRADE: 12
PREREQUISITE: Must be employed

Work pass is an off-campus work experience. Seniors interested in this program must secure their own employment by the end of the first week of each semester. Students have the option of obtaining a daily one or two hour work pass. You must work at least 10 hours per week for each hour enrolled. Paycheck stubs will be required. Grades will be determined by: Work attendance; work pass activity sheets; coordinator observations; employer contacts; student attitude and cooperation; and work pass progress evaluations. Students who quit or lose their job and do not have a new one within one week will receive an "F" for the class. Exceptions to this must be approved by the coordinator. Contracts and additional information will be given about the program at the beginning of each semester.

DRIVER EDUCATION (SUMMER ONLY)

CREDIT: .5
GRADE: 9-12 **HOMEWORK:** 1/2 Hour/Day
PREREQUISITE: 14 years old before June 1

Driver Education is offered during the summer months to students who are 14 before June 1. Enrollment for this program occurs during the spring of each school year. Families are encouraged to evaluate carefully at what age the student should enroll in this very valuable course. A balance between the maturity of the student and any possible need to drive on a restricted license should be considered by families when making a decision to enroll a student in Driver Education. There is a fee for this course.

POLICY ON RECEIVING DUAL CREDIT FOR COLLEGE COURSES

Credit for both high school and college will be awarded for the successful completion of approved course(s) provided the following guidelines are maintained:

- 1) Approval, in advance, must be obtained from the principal or his designated representative and must be on file in both the college office and the high school counselor's office.
- 2) A 3-credit hour college class will transfer as .5 high school credit. A 5-credit hour college class will transfer as 1.0 high school credit. Anything less than a 3-credit hour class will not transfer as high school credit.
- 3) Grades earned in a college class for dual credit will be posted on the high school transcript and **will** be used for grade point averages, **including** honor recognition and rank in class. This may affect Valedictorian and Salutatorian status.
- 4) Tuition and all fees for college courses are the responsibility of the student.
- 5) Any college course taken first semester that results in release time from the high school day **must** be taken for dual credit. Students must enroll in a 3-credit hour class to get one (1) hour release time and two, 3-hour classes or one 5-hour class, for two (2) hours of release time.

REMINDER: Any Student participating in extra-curricular activities must be enrolled in 5 classes for high school credit during 2nd semester.

- 6) **Dual credit forms must be filled out and returned to the high school counselor's office prior to the start of the college class or high school credit will not be given. A copy of the student's college schedule must also be on file in the high school counselor's office.**
- 7) Students desiring to change their schedule must do so within five school days after the beginning of the semester. Students will not be permitted to withdraw from a class after the deadline except for highly unusual circumstances. When the student is removed after the deadline they will not be re-enrolled in a credit class. If the withdrawal occurs after the 5th week an "F" will be recorded on the student's transcript for the course that was dropped. **The student must have permission to withdraw from the principal.**

Students who do not plan to enroll in a course for dual credit and who seek only college credit must have the approval, in advance, of the principal or his designated representative. This approval will generally not be denied; however, the school official will counsel with the student as to the additional demands that could be placed upon the student and the concern for the student's social and academic well being.

