

**GREAT BEND HIGH SCHOOL PROGRAM OF STUDIES BOOK
2010-2011 SCHOOL YEAR
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REQUIREMENTS FOR GRADUATION

CREDIT REQUIREMENT

Students must earn a minimum of twenty-four (24) units of credit in grades 9-12.

COMMUNICATIONS:

Four (4) units of English. Must be English I, II, III, IV.

MATHEMATICS:

Three (3) units of Math.

SCIENCE:

Three (3) units of Science.

SOCIAL SCIENCE:

Three (3) units of Social Science - Social Studies, U.S. History and U.S. Government.

PHYSICAL EDUCATION:

One (1) unit of Physical Education/Health.

FINE ARTS:

One (1) unit of Fine Arts

GRADE ADVANCEMENT

Great Bend High School has a policy regarding units earned and grade advancement. This policy is based upon the current requirement that a student earns 24 units in order to graduate from Great Bend High School. A half-unit is earned for each subject successfully completed for each semester during the school year. The policy is as follows:

A freshman must have earned (6) units to be considered a sophomore for the next school year.

A sophomore must have earned (12) units to be considered a junior for the next school year.

A junior must have earned (18) units to be considered a senior for the next school year.

A senior must have earned (24) units by the end of the second semester of their senior year in order to participate in the graduation ceremony.

No student shall be allowed to graduate prior to the completion of the seventh semester of high school. Each request is to be determined by the high school principal on the merits of the individual circumstances; one case shall not set a precedent for others (BOE policy IHFB). Enrollment at GBHS will be full-time unless approved by the high school principal or designee.

Notice of Nondiscrimination

Elementary and secondary students, parents of elementary and secondary school students, employees, applicants for admission and employment, and sources of referral of applicants for admission and employment are hereby notified that Unified School District 428 (USD 428) does not discriminate on the basis of race, color, national origin, sex, handicap/disability, age, or religion in admission or access to, or treatment or employment in, its programs and activities.

Any person having inquiries concerning USD 428's compliance with the regulation implementing Title VI of the Civil Rights Act of 1964 (Title VI), Title IX of the Education amendments of 1972 (Title IX), Section 504 of the Rehabilitation Act of 1973 (Section 504), or Title II of the Americans with Disabilities Act of 1990 (ADA) is directed to contact the ADA and Section 504 coordinator, Director of Curriculum and Instruction, and Director of Special Services, USD 428, 201 South Patton Road, Great Bend, KS 67530 (telephone 620-793-1500).

**WEIGHTED GRADE POINT SCALE
FOR
GREAT BEND HIGH SCHOOL**

Grade point averages are used to determine honor roll and class rank. Grade point averages for most courses are figured on a four point scale. (A=4, B=3...) In certain enriched and advanced courses, grade points are awarded on a weighted scale which adds a:

- .25 grade point for each credit earned and
- .125 grade point for each 1/2 credit earned.

Weighted courses:

Advanced English II	Biology III
Advanced English III	Human Anatomy & Physiology II
Advanced English IV	Advanced Chemistry I
AP English III	Advanced Chemistry II
AP English IV	Physics I
Debate II	Advanced Physics I
Debate III	Advanced Physics II
Debate IV	Spanish III & IV
Competitive Speech II	German III & IV
Competitive Speech III	Computerized Accounting II
Competitive Speech IV	Computerized Accounting III
Algebra II	Journalism II-Newspaper
College Algebra	Journalism II-Yearbook
College Algebra/Trigonometry	
Intro to Calculus	

BARTON COUNTY COMMUNITY COLLEGE COLLEGE ADVANTAGE COURSES and GET AHEAD PROGRAM

“Jump-Start College Opportunities for High School Students”

Great Bend High School juniors, seniors, and gifted students (with an IEP) have the opportunity to take college coursework while in high school. Courses are offered through a cooperative agreement with Barton County Community College. Students enrolling in these courses will receive high school and college credits as designated. The guidelines for “jump-starting” a college career are as follows:

- Students who have completed 12 high school credits and who meet all requirements for both the Great Bend High School course and the Barton equivalent course will be eligible to enroll for concurrent credit. College requirements include eligible placement scores.
- Enrollment for concurrent courses will be conducted at the beginning of each semester on announced dates. Students need to be prepared to complete enrollment forms and pay tuition and fees at the scheduled enrollment. Gifted students need to have a copy of their IEP available to submit with their enrollment form. Students participating in concurrent credit programs must have their principal’s signature on the enrollment form.
- The grade earned in the concurrent course will be the grade earned for both high school and college credit and will be included in calculating the student’s GPA.
- KSHSAA guidelines stipulate that students must carry a minimum of five credits per semester and that no more than two college courses per semester will be counted toward eligibility for KSHSAA sponsored high school activities.
- Barton will charge GBHS students the institution’s published tuition and fees rates. Payment is the responsibility of the student, with the exception of students in the automotive program.
- GBHS students enrolled for college credit will pay the same textbook rental fees and supplemental materials fees as all other GBHS students. These fees will cover the cost of the textbooks and materials needed for the course.
- Technical and Get Ahead Program courses taken on the Barton campus will count for concurrent credits with the permission of the GBHS principal.
- GBHS seniors enrolled in a minimum of six high school courses may request to be released during the school day to attend classes on-campus at Barton. Arrangements for release time from GBHS during the school day to attend on-campus courses at Barton are to be made through the GBHS Guidance Office. All arrangements for release time must be approved by the GBHS principal. Students who are approved for release to attend classes at Barton are required to submit a copy of their Barton class schedule to the GBHS Guidance Office at the time of enrollment.
- Class status classification sheets signed by the GBHS principal are the only arrangements needed for GBHS juniors and seniors to enroll in Barton evening and summer courses for college credit.
- Students participating in the Get Ahead Program (GAP) will report to class according to Barton’s schedule. The college schedule does not necessarily coincide with a student’s high school schedule, with respect to beginning and ending dates and/or times.
- Enrollment in GAP courses is open to all Barton students, but each course does have enrollment limits. High school students interested in participating in GAP classes are encouraged to finalize their enrollment as soon as possible in order to avoid the disappointment of not being able to take their chosen coursework.

**GBHS Campus
High School & College Credit**

GBHS Course

Barton Equivalent Course

Computers

Integrated Computer Applications (yr.)

Computers

BSTC 1036 Computer Concepts & Applications (3 credits)

Foreign Language

German III (yr.)

German IV (yr.)

Spanish III (yr.)

Spanish IV (yr.)

Foreign Language

LANG 1900 Elementary German I (5 credits)

LANG 1902 Elementary German II (5 credits)

LANG 1908 Elementary Spanish I (5 credits)

LANG 1910 Elementary Spanish II (5 credits)

Mathematics

College Algebra

Mathematics

MATH 1828 College Algebra (3 credits)

Science

Biology III (yr.)

Advanced Chemistry II (yr.)

Science

LIFE 1402 Principles of Biology (5 credits)

CHEM 1802 Fundamentals of General Chemistry (5 credits)

Language Arts

Advanced Placement English III

Advanced English IV

Advanced Placement English IV

Advanced Placement English IV

Language Arts

ENGL 1204 English Composition I (3 credits)

ENGL 1204 English Composition I (3 credits)

ENGL 1204 English Composition I (3 credits)

LITR 1210 Introduction to Literature (3 credits)

Practical Arts

Computer Aided Drafting & Design

Advanced Computer Aided Drafting & Design

DRAF 1840 Computer Aided Draft & Design I (3 credits)

DRAF 1841 Computer Aided Draft & Design II (3 credits)

GET AHEAD PROGRAM (GAP) COURSES

Barton Campus

Afternoon Classes (1:30-3:00p.m.)

High School Credit (Permission of GBHS Principal) & College Credit

Enrollment is Limited - Don't Delay!!

Animal Science

Fall Semester

AGRI 1106 Principles of Animal Science

Spring Semester

AGRI 1110 Fundamentals of Animal Nutrition

For more information, please contact Steve Pottorff (620-792-9207)

Computer Networking

Fall Semester

NTWK 1052 Microcomputer Repair & Upgrade
NTWK 1059 Introduction to Networking
BSTC 1005 Basic Programming

Spring Semester

NTWK 1053 Advanced Microcomputer Repair & Upgrade
NTWK 1057 Network+
PRGM 1025 C Programming

For more information, please contact Doug Polston (620-792-9292) or Steve Oelke (620-786-1183)

Graphic Design

Fall Semester

GRPH 1065 Digital Image Editing (Photoshop)
GRPH 1049 Web Site Construction

Spring Semester

ARTS 1246 Digital Photography I
GRPH 1058 Animation Authoring

For more information, please contact Dana Allison (620-786-1141) or Steve Dudek (620-792-9260)

Psychology

Fall Semester

PSYC 1000 General Psychology OR
PSCY 1001 General Psychology (Honors)

Sociology

Spring Semester

SOCI Introduction to Sociology

For more information, please contact Randy Allen (General Psychology) at 620-792-9284
Rick Bealer (General Psychology - Honors) at 620-792-9205
Ed Johnson (Introduction to Sociology) at 620-792-9389

ARTICULATED COURSES Barton Campus High School & College Credit

Automotive

Automotive I (yr)

Junior Year – 1st Semester & 2nd Semester

AUTO 1006 Fundamentals of Mechanics I (3 credits)
AUTO 1022 Automotive Braking Systems (5 credits)
AUTO 1008 Internal Combustion Engines (3 credits)

Automotive II (yr)

Senior Year – 1st Semester

AUTO 1012 Electrical Systems I (5 credits)
AUTO 1013 Electrical Systems II (5 credits)
AUTO 1014 Engine Performance (5 credits)

Senior Year – 2nd Semester

AUTO 1021 Manual Transmissions (5 credits)
AUTO 1027 Chassis Systems (5 credits)
AUTO 1016 Automotive Air Conditioning (5 credits)

**BARTON COUNTY COMMUNITY COLLEGE
GET AHEAD PROGRAM**

COURSE DESCRIPTIONS

**CLASSES FILL QUICKLY AND HAVE ENROLLMENT LIMITS
DON'T DELAY!**

ANIMAL SCIENCE COURSES

AGRI 1106 Principles of Animal Science (Fall Semester)

A basic course which covers principles which apply to animal agriculture. Course content includes a basic survey of the industry, types, purposes and products of livestock, principles of breeding, selection, nutrition, reproduction, management and marketing.

Course Pre-Requisites: None

Course Enrollment Limit: 25

College Credit: 3.0

AGRI 1110 Fundamentals of Animal Nutrition (Spring Semester)

This course is a study of the major nutrients, nutrient metabolism, requirements and deficiency symptoms, composition of feedstuffs and ration formulation. Practical application of these nutritional principles will be applied to the feeding of meat animals and companion animals.

Course Pre-Requisites: AGRI 1106 Principles of Animal Science. A high school or college chemistry course is highly recommended. Students enrolling in the course should have interest in animal agriculture and/or animal health.

Course Enrollment Limit: 25

College Credit: 3.0

GRAPHIC DESIGN COURSES

BSTC 1054 Digital Image Editing-Photoshop (Fall Semester)

This course is for individuals interested in exploring the use of computer graphics as applied to the advertising and business communications industries. Concentration will be on the creation of digital images for use in printed publications, corporate identity and web pages for the Internet.

Students with the following interests would benefit from this class:

- the photographer wanting to have the knowledge and ability to enhance and manipulate their photographic images
- the web designer wanting to learn to prepare and enhance images for their web pages
- the visual artist wanting to create and develop new ideas and compositions, and
- the interior designer wanting to have the ability to prepare visuals for their clients.

Course Pre-Requisites: None

Course Enrollment Limit: 16

College Credit: 3.0

GRPH 1049 - Web Site Construction (Fall Semester)

This course allows students the opportunity to experience web authoring concepts, including design techniques for structuring information and creative page aesthetics which together build a dynamic interface. Additional emphasis is placed on screen layout, image optimization and Java Scripting. Students will be exposed to one or more popular web page layout applications, the use of which will save time and countless keystrokes in the coding process. The scripting component of this course will focus heavily on programming concepts rather than techniques, preparing the student for future programming. Other Web-related topics covered will include: animation, video, frames, templates, forms, style sheets, behaviors, CGIs, external media and plug-ins.

Course Pre-Requisites: None

Course Enrollment Limit: 16

College Credit: 3.0

ARTS 1246 Digital Photography I (Spring Semester)

This course provides students with basic technical skills in the photographic process of working with digital cameras. The course begins with an overview of choosing and evaluating digital cameras, and how the instruction manual that comes with the camera can be an invaluable resource. Students will learn about exposure, depth of field, resolution, white balance settings, and file compression and formats. The basics of composition and how to use various camera settings will also be included in the course.

Students will enjoy learning about picture taking, scanning, downloading, printing, and enhancing of the photograph. They will be introduced to memory cards including information on how to transfer images, format the cards, back up photos, and care for storage media. Ultimately, students will begin the process of editing and refining photos with Photoshop Elements or some form of digital editing software, while learning how to print, post, and email photos.

Course Pre-Requisites: None

Course Enrollment Limit: 16

College Credit: 3.0

GRPH 1058 - Animation Authoring (Spring Semester)

This course is for individuals interested in learning the basics of creating interactive presentations comprised of graphics, text, animation, and applications for the Internet and other multimedia interfaces. Learners explore opportunities to draw, story board, and create motion graphics. Whether to entertain or to educate, students will stretch their sense of creativity generating animated sequences and short movies in a 2D environment. The course is computer-based, using leading animation software, and focuses on how to create and incorporate sensory-rich content containing animation, sound, and viewer interactivity.

Course Pre-Requisites: None

Course Enrollment Limit: 16

College Credit: 3.0

COMPUTER NETWORKING COURSES

NTWK 1052 Microcomputer Repair & Upgrade (Fall Semester)

Enjoy tearing computers apart and finding out what makes them work? Then this class is for you. Microcomputer Repair & Upgrade will introduce you to the inner workings of the PC. You will learn routine preventative maintenance, hardware troubleshooting, software troubleshooting, motherboard testing, and how to fix those everyday problems of slow computer systems. You can even bring your own computers in to play with.

Course Pre-Requisites: None

Course Enrollment Limit: 15
College Credit: 3.0

NTWK 1059 Introduction to Networking (Fall Semester)

Did you ever wonder how computers share information across a network? Find out in this hands-on class. You will have the opportunity to work with servers and configure a real network in the classroom. This class will also provide a general overview of computer networks and how to troubleshoot them.

Course Pre-Requisites: None
Course Enrollment Limit: 15
College Credit: 3.0

BSTC 1005 Basic Programming (Fall Semester)

This course is designed as an introduction of structured programming concepts. Topics include syntax and semantics of Visual Basic language, fundamental algorithm development, formatting, arrays, and file processing.

Course Pre-Requisites: None
Course Enrollment Limit: 15
College Credit: 3.0

NTWK 1053 Advanced Microcomputer Repair & Upgrade (Spring Semester)

The emphasis of this course is to further your study of computer hardware and software. This hands-on course reviews all basic concepts and theory taught in Microcomputer Repair and Upgrade and then continues on with the advanced features of all aspects of microcomputers including configuring, upgrading memory, troubleshooting and repair. All key areas of the A+ Certification exams will be reviewed.

Course Pre-Requisites: Microcomputer Repair & Upgrade
Course Enrollment Limit: 15
College Credit: 3.0

NTWK 1057 Network+ (Spring Semester)

This course will continue your study into the world of networking. You will receive hands-on training and further study in local area networks, wide area networks, protocols, topologies, transmission media, and security. You will learn how to set up a simple firewall and play with wireless networking. In addition to explaining concepts, the course uses a multitude of real world examples of networking issues from a professional's standpoint, making it a practical preparation for the real world.

Course Pre-Requisites: Introduction to Networking
Course Enrollment Limit: 15
College Credit: 3.0

PRGM 1025 C Programming (Spring Semester)

This course is designed as an introduction to the programming language C. Topics to be covered in this course include: C language conventions and rules, data types and operators, control structures, functions, arrays and pointers, data structures, and standard system functions.

Course Pre-Requisites: None
Course Enrollment Limit: 15
College Credit: 3.0

PSYCHOLOGY COURSES

PSYC 1000 General Psychology (Fall Semester)

The course provides a broad overview of the theories and research findings associated with the scientific study of behavior and mental processes. Topics covered may include research techniques, the biological influences of behavior, development, sensation and perception, motivation and emotion, intelligence, consciousness, learning, memory, the role of psychological factors in health, personality, mental disorders and their treatment, and social influences on behavior.

Course Pre-Requisites: None. College level reading scores would be advantageous to success in the course.

Course Enrollment Limit: 35

College Credit: 3.0

PSYC 1001 General Psychology-Honors Section (Fall Semester)

Barton now offers an additional GAP section of General Psychology. The new course offering is made available through the College's Honors program.

Honors General Psychology is constructed for students who are intellectually motivated, who yearn for the opportunity to more fully explore this subject and who have an intrinsic reward relationship to learning. Students will be required to study of the course outcomes and competencies using higher levels of Bloom's taxonomy. The assessment of student learning in the honors course will not rely simply on multiple choice exam questions, but will offer opportunities for students to engage in evaluative and synthesis learning processes. Students will also experience critical thinking exercises and portfolio assessment, while participating in class presentations. Students in the Honors General Psychology will also benefit from exposure to course modules and chapters that are not covered in the original General Psychology GAP class.

Course Pre-Requisites:

- ACT composite score of 27 or higher or equivalent scores on ASSET or Accuplacer,
- Written recommendation from high school principal or counselor.

Course Enrollment Limit – 15 students

College Credit: 3.0

Transcript Notation – The course will be transcribed with an "honors" designation.

SOCIOLOGY COURSE

SOCI 1100 Introduction to Sociology (Spring Semester)

The study of human social environments. Particular emphasis is given to the origin and nature of society and its institutions, general principles of sociology, and the influence of culture on the individual. Applications of these principles will be made to current social problems.

Course Pre-Requisites: None

Course Enrollment Limit: 40

College Credit: 3.0

COURSE DESCRIPTION SECTION

I. COMMUNICATIONS

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
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A student must earn four units of Communications credits to graduate. English I, II, III, IV are required.

Required courses

01001	English I	9	1
010661 **	English Skills I	9	1
01002	English II	10	1
010662 **	English Skills II	10	1
01003	English III	11	1
010663 **	English Skills III	11	1
01004	English IV	12	1

Elective Courses in Communications

01051	H Advanced English II	10	1
01054	H Advanced English III	11	1
01005 *	H Adv. Placement English III	11	1
01156 **	Senior English	12	1
01056 *	H Advanced English IV	12	1
01006 *	H Adv. Placement English IV	12	1
010091/010092	Language Arts	9-10-11-12	1
01151	Speech I	9-10-11-12	1
011531	Debate I	9-10-11-12	1/2
011532	H Debate II	10-11-12	1/2
011533	H Debate III	11-12	1/2
011534	H Debate IV	12	1/2
011521	Comp. Speech I	9-10-11-12	1/2
011522	H Comp. Speech II	10-11-12	1/2
011523	H Comp. Speech III	11-12	1/2
011524	H Comp. Speech IV	12	1/2
11101	Journalism I	10-11-12	1
111041	H Journalism II-News	11-12	1
111042	H Journalism II- Yearbook	11-12	1

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*Dual Credit with Barton Community College if student qualifies with appropriate ASSET or ACT Score.

**English Skills I, II, III and Senior English by recommendation only

H = Honors course with the Weighted Grade Point Scale

Enrollment in Advanced English or AP English classes will be made by teacher recommendation. Student recommendations for classes will be based upon Kansas Reading assessment scores; and work/study habits in the regular classroom.

COMMUNICATIONS

01001 ENGLISH I

Freshman English students build upon their prior knowledge of grammar, vocabulary, word usage and the mechanics of writing. Composition stresses paragraph development and construction of the multi-paragraph essay. Writing often accompanies literature units. The short story, drama, novel, and epic poem are studied.

01002 ENGLISH II

Sophomore English students focus on composition and literature. Vocabulary and grammar study aid in the creation of multi-paragraph essays and compositions. Expository themes and the development of a thesis statement are emphasized. In literature both classical and contemporary works are studied. Short stories, nonfiction, poetry and drama aid students in improving their reading and comprehension rate. Students develop skills to determine the author's intent and theme and recognize the author's techniques.

Pre-requisite - English I

01051 ADVANCED ENGLISH II

Advanced sophomore English students pursue a college preparatory curriculum that includes vocabulary study, grammar, analysis of various literary genres, and composition of the essay. Genres studied include the novel, short story, poetry and drama. Students explore the literary elements of each genre and the author's theme and intent. The process-writing approach is used to assist students in learning the techniques of group analysis and critiquing and to improve understanding and comprehension.

Prerequisites: Teacher Recommendation

01003 ENGLISH III

Junior English students continue to develop their writing skills. Emphasis is placed on clear, logical writing patterns, and word choice. Students begin to learn the techniques of writing a research paper and continue to read literature that focuses on the American literary tradition. Greater attention is paid to literary convention and stylistic devices than in previous courses.

Pre-requisite - English I and II

01054 ADVANCED ENGLISH III

Advanced junior English students focus upon commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are required. The class follows a college preparatory curriculum and includes an extensive grammar review. Reading selections, writing requirements, and vocabulary assessments are more challenging than those used in English III.

Prerequisite: *Teacher recommendation or Advanced English II*

01005 ADVANCED PLACEMENT ENGLISH III (College Advantage)

Advanced placement junior English students follow the College Board's suggested curriculum designed to parallel college-level English courses. The course is offered to juniors who demonstrate superior writing, reading and analytical skills. American literature is used as a basis for this college preparatory class. Students write compositions covering a variety of subjects intended for various purposes including a formal research paper required for credit in this class. Those taking the class for college credit earn 3 hours in ENGL 1204 Composition I from Barton Community College.

Prerequisites: English II Advanced and a qualifying score on the ASSET or ACT.

01004 ENGLISH IV

Senior English students pursue a course that blends composition and literature into a cohesive whole. Students write critical and comparative analyses of selected literature and continue to develop their language arts skills. The students investigate all types of literature and composition and college level material is presented. A formal research paper is required for credit in the course.

Pre-requisite - English III.

01156 SENIOR ENGLISH

Applied senior English students concentrate on improving the communication skills necessary to prosper in their vocational and personal lives. The course emphasizes the study of technical and business materials and the in-depth study of a career. The students utilize research and reading to complete a research project on a career choice.

Prerequisites: Consent of Instructor

01056 ADVANCED ENGLISH IV (College Advantage)

Advanced senior English students have a college preparatory curriculum which emphasizes British literature. Reading selections, writing requirements, and vocabulary assessments are more challenging than those administered in English IV. Students complete an ACT review and must submit a passing research paper to receive credit. A number of other expository and technical are required. Those taking the class for college credit earn 3 hours in ENGL 1204 Composition I from Barton Community College.

Prerequisites: English III Advanced and a qualifying score on the ASSET or ACT.

01006 ADVANCED PLACEMENT ENGLISH IV (College Advantage)

Advanced placement senior English students follows the College Board's suggested curriculum designed to parallel college-level English courses. The course is offered to seniors who demonstrate superior writing, reading and analytical skills. The level and complexity of the literature require maturity on the part of the student. Literary selections from Greek, English, German and French genres are used as a basis for this class. Students do timed expository writings in preparation for the A.P. test that is given in the spring, as well as other expository and technical pieces to prepare them for college and the work world. An ACT review and college preparatory vocabulary is incorporated into the curriculum. Any student who was not enrolled in A.P. English III must successfully

complete a research paper. Those taking the class for college credit earn 3 hours in LITR 1210 Introduction to Literature from Barton Community College.

Prerequisites: English III Advanced and a qualifying score on the ASSET or ACT.

010091-010092 LANGUAGE ARTS I, II

Language Arts is offered to ESL students to improve reading and writing skills. The class emphasizes oral language and vocabulary, word recognition skills, fluency, reading comprehension in the narrative and expository text and writing.

Prerequisite: Administrative placement

010661 ENGLISH SKILLS I

Freshman English skills students focus on improving their vocabulary, critical thinking and analytic skills, reading rate and reading comprehension levels. The reading of expository and technical text is emphasized and appropriate level fiction is included. Students work to master the Kansas State Reading Standards and prepare for the Kansas State Reading Assessment.

Prerequisite: Administrative placement

010662 ENGLISH II SKILLS

Sophomore English skills students focus on improving their vocabulary, critical thinking and analytic skills, reading rate and reading comprehension levels. The reading of expository and technical text is emphasized and appropriate level fiction is included. Students work to master the Kansas State Reading Standards and prepare for the Kansas State Reading Assessment.

Prerequisite: Administrative placement

010663 ENGLISH III SKILLS

Junior English skills classes are intended to improve students' vocabulary, critical thinking and analysis skills, reading rate and reading comprehension levels. Focus is on the Kansas State Reading Standards and preparation for the Kansas State Reading Assessment. The reading of expository and technical text is emphasized and appropriate level fiction is included.

Prerequisite: Administrative placement

COMMUNICATION ELECTIVES – THESE DO NOT QUALIFY FOR ENGLISH GRADUATION CREDITS

01151 SPEECH I

This course enables students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

011531-011532-011533-011534 DEBATE I, II, III, IV

This first semester course emphasizes speaking on the competitive level. Working with a partner, students will be given the opportunity to attend state and national competitions. Debate concentrates on one national or international problem area and students will speak on both sides of the problem. The course emphasizes more advanced speech skills, research, argumentation and logic. No prior experience in debate or speech is required. **Students will travel to tournaments on a weekend basis.** The maximum number of tournaments is limited by the KSHSAA and the instructor, with individual student consultation, sets a minimum number. This course is open to freshmen, sophomores, juniors or seniors. The student must have at least a B in their English classes since Students must be able to read debate evidence fluently and with a high level of comprehension.

011521-011522-011523-011524 COMPETITIVE SPEECH I, II, III, IV

This second semester course emphasizes interpretation and speaking on the competitive level. Most competition is on an individual basis. Students may choose from the following 10 areas: extemporaneous speaking, oratory, informative speaking, impromptu speaking, poetry or prose reading, duet acting, impromptu duet acting, and dramatic or humorous interpretation. Students will be expected to both research, write, and memorize speeches, as well as read a book or play and cut it down to a 5-10 minute acting scene that they will analyze, memorize and act out in the acting events. First year students are expected to perform both the acting and public speaking events in class, but they get to choose 2 events they want to compete in at tournaments. No prior experience in debate or speech is required. **Students will travel to tournaments on a weekend basis.** The maximum number of tournaments is limited by the KSHSAA and the instructor, with individual student consultation, sets a minimum number. This course is open to freshmen, sophomores, juniors or seniors.

11101 JOURNALISM I

This course emphasizes writing styles and techniques as well as production values and organization. This course introduces students to the concepts of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

Prerequisites include completion of Computer Apps. I and a C or better in English I, or

teacher's prior approval.

111041 JOURNALISM II – NEWSPAPER

111042 JOURNALISM II - YEARBOOK

These courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publications. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication. Student must complete application.

V. FOREIGN LANGUAGE

COURSE NUMBER		COURSE TITLE	GRADE LEVEL	CREDIT
06101	**	Spanish I	9-12	1
06102		Spanish II	10-12	1
06103		H Spanish III	11-12	1
06104		Spanish for Spanish Speakers I	9-12	1
06105		Spanish for Spanish Speakers II	10-12	1
06106		Spanish for Spanish Speakers III	11-12	1
06201	**	German I	9-12	1
06202		German II	10-12	1
06203	*	H German III	11-12	1
06204	*	H German IV	12	1

* Dual Credit with Barton Community College

**Freshman, Sophomore and Junior students will have first priority in enrolling in beginning level foreign language courses. Seniors will be enrolled on space available.

H = Honors course with the Weighted Grade Point Scale

FOREIGN LANGUAGE

Native Spanish Speakers will be placed in classes based on home language and first language as stated on the home language survey.

For success in foreign language classes, it is recommended that Freshmen have at least a ‘B’ in English and Sophomores through Seniors have a ‘C’ or above due to the direct correlation between a student’s proficiency in their first language and proficiency in the target language.

06101 SPANISH I

Spanish I is designed to introduce students to Spanish language and culture, emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

06102 SPANISH II

Spanish II builds upon skills developed in Spanish I, extending students’ ability to understand and express themselves in Spanish and increasing their vocabulary. Students will learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students will explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Prerequisite - Spanish I or placement by diagnostic exam

06103 SPANISH III

Spanish III focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Goals for students include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Prerequisite - Spanish II or placement by diagnostic exam

06104 SPANISH IV/ (Spanish for Spanish Speakers I)

Spanish IV focuses on advancing students’ skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Prerequisite – Spanish III or placement based on Home Language Survey or diagnostic exam

06105 SPANISH FOR SPANISH SPEAKERS II

Spanish for Spanish Speakers II extends students' facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. Reading and writing tasks will usually include all normal verb tenses (present, past, and future).

Prerequisite – Spanish for Spanish Speakers I or placement based on diagnostic exam

4052 SPANISH FOR SPANISH SPEAKERS III

Spanish for Spanish Speakers III supports, reinforces, and expands students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), this course often moves faster than do regular Spanish foreign language courses and emphasizes literary development (with a study of literature and composition). This course may also include the culture or history of the people and introduce translation skills.

Prerequisite – Spanish for Spanish Speakers II

06201 GERMAN I

German I is designed to introduce students to German language and culture, emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. German culture is introduced through the art, literature, customs, and history of the German-speaking people.

06202 GERMAN II

German II builds upon skills developed in German I, extending students' ability to understand and express themselves in German and increasing their vocabulary. Students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students will explore the customs, history, and art forms of German-speaking people to deepen their understanding of the culture(s).

Prerequisite - German I

06203 GERMAN III

(College Advantage)

German III focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Prerequisite - German II

06204 GERMAN IV

(College Advantage)

German IV focuses on advancing students' skills and abilities to read, write, speak, and understand the German language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and

write narratives that indicate a good understanding of grammar and a strong vocabulary.

Prerequisite - German III

II. MATHEMATICS

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
02053	Algebra IA	9-10	1
02052	Algebra I	9-10-11-12	1
02074	Intermediate Algebra	10-11-12	1
02072	Geometry	9-10-11-12	1
02056	H Algebra II	10-11-12	1
02057 *	H College Algebra	11-12	1
02106 *	H College Algebra/Trigonometry	11-12	1
02121	Intro to Calculus	12	1
02157	Consumer Math	12	1

Students must earn 3 units of Mathematics credits to graduate.

*Concurrent Credit for College Algebra with Barton Community College is possible if student qualifies with a score of 41 in math and a 40 in reading on the ASSET or a 23 on the ACT score. The ASSET test will be given during the fall semester of the year long course. Students taking College Algebra/Trigonometry must have a qualifying score on file prior to the beginning of the fall semester to be eligible for dual credit. Concurrent credit requires additional paperwork with BCC and payment of college tuition. Boost Scholarships are available for students on free or reduced lunches.

H = Honors course with Weighted Grade Point Scale.

MATHEMATICS

02053 ALGEBRA IA

Algebra IA will involve an integrated approach to algebra and geometry involving real-life applications. Such topics include a study of the four fundamental operations with rational numbers, solving equations with one and two variables, functions, the graphs of functions, statistics, probability and measurement. The course will also include basic skills development and reinforcement. This course is by recommendation only. Ramp Up to Algebra curriculum used for this course.

02052 ALGEBRA I

Algebra I begins with a study of the four fundamental operations with rational numbers. These operations are applied to solutions of equations in one and variables. The course also involves the study of monomials, polynomials, fractions, fractional equations, functions and their graphs. For entering freshman, it is recommended that the student complete pre-algebra with a B or higher.

02074 INTERMEDIATE ALGEBRA

Intermediate Algebra will explore properties of numbers and their use in problem solving. Other topics include equations and inequalities, relations and functions, systems of equations, polynomials, equations with rational expressions, radical expressions and equations, and quadratic equations. This course reviews Algebra I and introduces Algebra II. It can be taken before or after Geometry. This is a good choice for students who wish to complete Board of Regents requirements and need additional algebra skills to be successful in Algebra II. This course is required for sophomores or juniors who did not score at or above the “meets standards” level on the Kansas State Mathematics Assessment.

Prerequisite - Algebra I

02072 GEOMETRY

Geometry includes the study of most basic geometric figures; lines, planes, angles, polygons, polyhedrons, circles and spheres, and other topics. Students will be expected to use algebra skills to solve the geometric problems. Freshmen must have a score at or above “meets standards” on the 8th grade Kansas State Mathematics Assessment.

Prerequisite - Algebra I

02056 ALGEBRA II

Algebra II consists of real number properties, equalities, inequalities, linear functions and relations, systems of linear equations, polynomials and rational algebraic expressions, radicals, irrational numbers, quadratic equations, polynomial functions, complex

numbers, logarithms, and conic sections. This course is recommended for students who earned a “B” or higher in Algebra I or have completed Intermediate Algebra.

Sophomores or juniors must have a score at or above the “meets standards” on the Kansas State Mathematics Assessment.

Prerequisite - Geometry

02057 COLLEGE ALGEBRA

(College Advantage)

College Algebra is a full year course. The course is a study of equations, inequalities, systems of equations, quadratic functions, polynomial functions, graphs, complex numbers, series, and sequences. This course can be taken for concurrent credit with College Algebra during the spring semester through BCC with a score of 43 in math and 40 in reading on the ASSET test or a 23 on the ACT Test. The Asset test will be given during the Fall Semester of the course. Concurrent credit requires additional paperwork with BCC and payment of college tuition. Scholarships are available for students on free or reduced lunches. Students will need a TI-83 plus or TI-84 graphics calculator.

Prerequisite - Algebra II

02106 COLLEGE ALGEBRA/TRIGONOMETRY

(College Advantage)

College Algebra/Trigonometry combines trigonometry and advanced algebra topics, and is intended for students who have attained Algebra I and Geometry objectives. Topics include right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; and properties of higher degree equations.

Prerequisite - Algebra II and a qualifying score on the ASSET or ACT.

02121 INTRO TO CALCULUS

Intro to Calculus includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

Prerequisite - Trigonometry

02157 CONSUMER MATH

Consumer Math reinforces general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and applies these skills to consumer problems and situations. Applications include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

III. SCIENCE

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
03994	Science	9	1
03003	Environmental Science	11-12	1
03051	Biology I	9-10-11	1
03061	Biology II (Zoology)	10-11-12	1
03056 *	H Biology III (College Advantage)	11-12	1
03053	Human Anatomy & Physiology I	10-11-12	1
03054	H Human Anatomy & Physiology II	11-12	1
03105	Chemistry I	10-11-12	1
03101	H Advanced Chemistry I	10-11-12	1
03102	H Advanced Chemistry II	11-12	1
03161	H Physics I	11-12	1
03151	H Advanced Physics I	11-12	1
03152	H Advanced Physics II	12	1

* Dual Credit with Barton Community College - You must take Biology I, Biology II, and Biology III (in consecutive order) to receive 5 credit hours from BCC.

H = Honors course with the Weighted Grade Point Scale.

SCIENCE

03994 SCIENCE

Science is designed to assist students in acquiring the skills necessary to pass proficiency examinations related to the life sciences and physical sciences.

Prerequisite: None

03003 ENVIRONMENTAL SCIENCE

Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, this course will cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Prerequisite: Science and Biology I.

03051 BIOLOGY I

Biology I is designed to provide information regarding the fundamental concepts of life and life processes. This course includes such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Prerequisite - None

03061 BIOLOGY II (Zoology)

Biology II provides students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. This course should also help students develop an awareness and understanding of biotic communities.

Prerequisite - Biology I with a "C" or higher

03056 BIOLOGY III

(College Advantage)

Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, this course stresses basic facts and their synthesis into major biological concepts and themes. This course covers three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology).

Prerequisite- Biology II

03053 HUMAN ANATOMY & PHYSIOLOGY I

Human Anatomy and Physiology I presents the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

Prerequisite - Biology I with a "C" or higher

03054 HUMAN ANATOMY & PHYSIOLOGY II

Human Anatomy and Physiology II presents an in-depth study of the human body and biological system. Students will study such topics as anatomical terminology, cells, and tissues and will explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

Prerequisite - Human Anatomy & Physiology I

03105 CHEMISTRY I

Chemistry I is a practical, nonquantitative chemistry course designed for students who desire an understanding of chemical concepts and applications.

Prerequisite - Biology I

03101 ADVANCED CHEMISTRY I

Advanced Chemistry I involves studying the composition, properties, and reactions of substances. This course explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Prerequisite - Algebra II (or concurrently taking) and Biology I.

03102 ADVANCED CHEMISTRY II

Advanced Chemistry II covers chemical properties and interactions in more detail. Course topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.

Prerequisite - Advanced Chemistry I and consent of instructor.

03161 PHYSICS I

Physics I introduces students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The course emphasizes precise measurements and descriptive analysis of experimental results. Topics covered include energy and motion, electricity, magnetism, heat, the structure of matter, and how matter reacts to materials and forces.

Prerequisite - This course is open to juniors and seniors who have taken or are concurrently enrolled in Algebra II and Biology I.

03151 ADVANCED PHYSICS I

Advanced Physics I involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

Prerequisite -Algebra II. Recommended Trigonometry or concurrently enrolled in Trigonometry and Biology I.

03152 ADVANCED PHYSICS II

Advanced Physics II provides instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics.

Prerequisite - Advanced Physics I.

IV. SOCIAL SCIENCE

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
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A student must earn 3 credits of Social Science for GBHS graduation.

Required Courses

04103	U.S. History	11	1
04151	U.S. Government	12	1

Elective Courses

04161	Civics	9-12	1/2
04053	World History	9-12	1/2
04001	Geography	9-12	1/2
04201	Economics	9-12	1/2
04299	Current Events (does not qualify for Social Studies graduation credit)	9-12	1
04254	*Psychology	11-12	1/2
04258	*Sociology	11-12	1/2

*Psychology and Sociology are taken at Barton Community College for dual credit.

SOCIAL SCIENCE

04161 CIVICS

Civics examines the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system.

04053 WORLD HISTORY

World History provides an overview of the history of human society in the past few centuries—from the Renaissance period, or later, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

04001 GEOGRAPHY

Geography provides students with an overview of world geography. Topics include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

04201 ECONOMICS

Economics provides students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. This course covers topics such as principles of macroeconomics, international economics, and comparative economics. Economics principles may be presented in formal theoretical contexts, applied contexts, or both.

04103 U.S. HISTORY

U.S. History examines the history of the United States from the Civil War or Reconstruction Era through the present time. This course includes a historical review of political, military, scientific, and social developments.

04151 U.S. GOVERNMENT

U.S. Government provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course examines the structure and function of state and local governments and covers certain economic and legal topics.

04299 CURRENT EVENTS (This course does not qualify for Social Studies graduation credit.)

Current Events emphasizes relationships around the world. This course will require a large amount of participation from the students. This course will cover current events

from all geographical realms, including: International, National, State, and Local. This course will enable the students to become very familiar with what is taking place in the world around them.

04254 PSYCHOLOGY / 04258 SOCIOLOGY (College Advantage)

Psychology is offered 1st Semester and Sociology 2nd Semester at Barton and is taken for dual credit.

Psychology introduces students to the study of individual human behavior. Course content includes an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Sociology introduces students to the study of human behavior in society. This course provides an overview of sociology, including topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

V. FOREIGN LANGUAGE

COURSE NUMBER		COURSE TITLE	GRADE LEVEL	CREDIT
06101	**	Spanish I	9-12	1
06102		Spanish II	10-12	1
06103		H Spanish III	11-12	1
06104		Spanish for Spanish Speakers I	9-12	1
06105		Spanish for Spanish Speakers II	10-12	1
06106		Spanish for Spanish Speakers III	11-12	1
06201	**	German I	9-12	1
06202		German II	10-12	1
06203	*	H German III	11-12	1
06204	*	H German IV	12	1

* Dual Credit with Barton Community College

**Freshman, Sophomore and Junior students will have first priority in enrolling in beginning level foreign language courses. Seniors will be enrolled on space available.

H = Honors course with the Weighted Grade Point Scale

FOREIGN LANGUAGE

Native Spanish Speakers will be placed in classes based on home language and first language as stated on the home language survey.

For success in foreign language classes, it is recommended that Freshmen have at least a ‘B’ in English and Sophomores through Seniors have a ‘C’ or above due to the direct correlation between a student’s proficiency in their first language and proficiency in the target language.

06101 SPANISH I

Spanish I is designed to introduce students to Spanish language and culture, emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

06102 SPANISH II

Spanish II builds upon skills developed in Spanish I, extending students’ ability to understand and express themselves in Spanish and increasing their vocabulary. Students will learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students will explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Prerequisite - Spanish I or placement by diagnostic exam

06103 SPANISH III

Spanish III focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Goals for students include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Prerequisite - Spanish II or placement by diagnostic exam

06104 SPANISH IV/ (Spanish for Spanish Speakers I)

Spanish IV focuses on advancing students’ skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Prerequisite – Spanish III or placement based on Home Language Survey or diagnostic exam

06105 SPANISH FOR SPANISH SPEAKERS II

Spanish for Spanish Speakers II extends students' facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. Reading and writing tasks will usually include all normal verb tenses (present, past, and future).

Prerequisite – Spanish for Spanish Speakers I or placement based on diagnostic exam

4052 SPANISH FOR SPANISH SPEAKERS III

Spanish for Spanish Speakers III supports, reinforces, and expands students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), this course often moves faster than do regular Spanish foreign language courses and emphasizes literary development (with a study of literature and composition). This course may also include the culture or history of the people and introduce translation skills.

Prerequisite – Spanish for Spanish Speakers II

06201 GERMAN I

German I is designed to introduce students to German language and culture, emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. German culture is introduced through the art, literature, customs, and history of the German-speaking people.

06202 GERMAN II

German II builds upon skills developed in German I, extending students' ability to understand and express themselves in German and increasing their vocabulary. Students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students will explore the customs, history, and art forms of German-speaking people to deepen their understanding of the culture(s).

Prerequisite - German I

06203 GERMAN III

(College Advantage)

German III focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Prerequisite - German II

06204 GERMAN IV

(College Advantage)

German IV focuses on advancing students' skills and abilities to read, write, speak, and understand the German language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.
Prerequisite - German III

VI. BUSINESS AND MARKETING EDUCATION

Computer Studies and Information Processing

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
10004	Computer Applications I	9-10-11-12	1
10203	Computer Applications II	10-11-12	1
10005 *	Integrated Applications	11-12	1
10202	Advanced Multimedia	11-12	1/2
10201	Advanced Web Design	11-12	1/2
10248	Business Computer Applications: In-House Training	11-12	1
10247	Web Design In-House Training	12	1

Accounting Education

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
10004	Computer Applications I	9-10-11-12	1
121041	Accounting I	10-11-12	1
121042	H Computerized Accounting II	11-12	1
121043	H Computerized Accounting III	12	1
12148	Accounting OJT (Cooperative Work Experience)	12	1

Marketing Education

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
12054	Business Law	10-12	1/2
12103	Finance	10-12	1/2
12164	Marketing Essentials	10-11	1/2
12053	Entrepreneurship	10-11	1/2
12152 **	Marketing I	11-12	1
12166 **	Marketing II	12	1
12198	On-the Job Training (OJT)	12	2

*Dual Credit with Barton Community College

**With successful completion of Marketing I and Marketing II, college credit can be obtained through BCC.

H = Honors course with the Weighted Grade Point Scale

Computer Studies and Information Processing

10004 COMPUTER APPLICATIONS I

Grades 9, 10, 11, 12

In this course students will acquire knowledge of and experience in the proper and efficient use in the most commonly used computer applications – word processor, spreadsheet, database and presentation. This course also covers the proper use of the Internet and electronic mail. Computer Applications I meets the Qualified Admissions Curriculum approved by the Board of Regents for computer technology. This course is a prerequisite for all other computer courses offered at GBHS.

Prerequisite - Keyboarding in Middle School

10203 COMPUTER APPLICATIONS II

Grades 10, 11, 12

Computer Applications II will expose students to the various software applications used in multimedia design. Students will get the opportunity to create their own Web pages, explore digital image design and manipulation using Photoshop CS2, and will get to work with digital video capturing and editing, utilizing Windows Movie Maker.

Prerequisite – Computer Applications I

10005 INTEGRATED APPLICATIONS

(College Advantage)

Grades 11, 12

Integrated Applications is a one-year dual credit course. Students have the opportunity to receive three hours of college credit by paying the tuition fees as well as receiving one high school credit. This project based course is designed for individuals wanting to learn more advanced features of the Microsoft Office applications. Macromedia Dreamweaver and Firework for web and graphic design will also be explored.

Prerequisite – Computer Applications I

10202 ADVANCED MULTI-MEDIA

Grades 11, 12

Advanced Multi-Media provides students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques utilizing such applications as Adobe Photoshop, In-Design, Illustrator, Flash, and Microsoft PowerPoint. Through the use of these applications, students will create their own Web ready animations, videos, and a digital portfolio.

Prerequisite – Computer Applications II or Integrated Applications

10201 ADVANCED WEB DESIGN

Grades 11, 12

This course is designed to give students the opportunity to refine their knowledge of Web site planning, page layout, graphic design, and the use markup languages. This course will also cover security and privacy issues, such as copyright infringement, trademarks, and other legal issues relating to the use of the Internet.

Prerequisite - Computer Applications II or Integrated Applications

10248 (COMPUTER JOB TRAINING)

BUSINESS COMPUTER APPLICATIONS: IN-HOUSE TRAINING

Grade 11, 12

Computer Job Training is designed to provide students with “real live” work experience in the classroom by doing work provided by people in the business community. Students will learn about workplace skills, more about computer programs, and how to use various technology equipment.

Prerequisites - Computer Applications II or Integrated Applications

10247 WEB DESIGN IHT (IN-HOUSE TRAINING) (GBHS WEBTEAM)

Grade 11, 12

Web Design IHT provides student in-house training in various programs and upper level design and layout programming skills related to Web design. Students will contribute their skills and talents in maintaining the Great Bend High School Website.

Prerequisites – Computer Applications II or Integrated Applications and preferably Advanced Web Design and/OR Advanced Multimedia

Accounting Education

121041 ACCOUNTING I

Grades 10, 11, 12

Accounting I introduces and expands upon the fundamental accounting principles and procedures used in businesses. Course content includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

Prerequisite – Middle School keyboarding

121042 COMPUTERIZED ACCOUNTING II

Grades 11, 12

Computerized Accounting II introduces and expands upon the fundamental accounting principles and procedures used in businesses. Course content includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

Prerequisite - Accounting I

121043 COMPUTERIZED ACCOUNTING III

Grade 12

Computerized Accounting III introduces and expands upon the fundamental accounting principles and procedures used in businesses. Course content includes the full accounting

cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

Prerequisite - Accounting I, Computerized Accounting II

12148 ACCOUNTING OJT (Cooperative Work Experience)

Grade 12

Accounting OJT provides students with work experience in fields related to finance. Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). This course includes classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Prerequisite – Accounting I, Computerized Accounting II

Marketing Education

12164 MARKETING ESSENTIALS

Grades 10, 11

Marketing Essentials offers students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is placed on kinds of markets, market identification, product planning, packaging, pricing; and business management.

One semester. One-half credit.

12053 ENTREPRENEURSHIP

Grades 10, 11

Entrepreneurship acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Topics surveyed in Business Management courses may also be included.

One semester. One-half credit.

12054 BUSINESS LAW

Grades 10, 11, 12

Business Law emphasizes legal concepts that are relevant to business and business organizations. Topics examined in this course include contracts, buying/renting property, installment buying, insurance, buyer/seller relationships, negotiable instruments, employment, taxes, insurance, commercial papers, legal organizational structures, and consumer liabilities.

One semester. One-half credit.

12103 FINANCE

Grades 10, 11, 12

Finance is similar to Banking and Finance courses, but focuses specifically on finance, addressing how businesses raise, distribute, and use financial resources while managing risk. Course content involves modeling financial decisions (such as borrowing, selling equity or stock, lending or investing) undertaken by businesses.

One semester. One-half credit.

12152 MARKETING I

Grades 11, 12

Marketing I focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are covered as well.

Prerequisite - successful completion of Marketing Essentials, Entrepreneurship, Business Law, or Consumer Economics or be a Senior.

12166 MARKETING II

Marketing II covers the same scope of topics as Marketing I but places a particular emphasis on business management and entrepreneurship, providing exposure to common techniques and problems of management.

Prerequisite - Marketing I or teacher permission

12198 ON-THE-JOB TRAINING

On-the-Job-Training provides students with work experience in fields related to marketing. Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

On-the-job Training requires that students gain employment in a marketing related job for an average of 15 hours per week for the entire year. Both the business supervisor and the classroom instructor will assess work performance.

Students interested in OJT need to pick up an application from Mr. Battin.

Prerequisite – Concurrent enrollment in Marketing II and Teacher Permission

VII. FINE ARTS

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
PERFORMING ARTS			
051101	Concert Choir	9	1
051102	Sophomore Choir	10	1
051103	A Cappella Choir	11-12	1
05111	Madrigal Pop Singers	11-12	1
05149	Advanced Musicianship	10-11-12	1
05101	Freshman Band	9	1
05102	Varsity Band	10-11-12	1
05105	Jazz Ensemble	10-11-12	1
05104	String Orchestra	9-10-11-12	1
05053	Dramatics I	9-10-11-12	1
050551	Theatre Performance I	10-11-12	1
050552	Theatre Performance II	11-12	1
050553	Theatre Performance III	12	1
CREATIVE ARTS			
05151	Introduction to Art	9-10-11	1
05999	Media Exploration	11-12	1
051581	Ceramics I	10-11-12	1
051582	Ceramics II	11-12	1
05159	Advanced Ceramics	12	1
05156	Drawing I	10-11-12	1
051542	Drawing II	11-12	1
051543	Drawing III	12	1
051571	Painting I	10-11-12	1
051572	Painting II	11-12	1
051573	Painting III	12	1
Additional courses that can be taken for a Fine Arts credit			
10202	Advanced Multi-Media	11-12	1
10201	Advanced Web Design	11-12	1
10248	Business Computer Applications:In-House Training	12	1
22205	Creative Textiles	9-10-11-12	1
22211	Fashion/Interior Design	11-12	1
22204/22151	Exploring Child Careers I &II	10-11-12	1
21051	Interactive Technology	9-10-11-12	1
17006	Woodworking Tech	10-11-12	1
21102	Technical Drafting	9-10-11-12	1
18401/18402	Ag Mechanics/Adv Ag Mechanics	10-11-12	1
18052/18053	Horticulture I, II	10-11-12	1
01151	Speech I	9-10-11-12	1
011531/011532	Debate I, II	9-10-11-12	1/2
011533/011534	Debate III, IV	11-12	1/2
011521/011522	Competitive Speech I, II	9-10-11-12	1/2
011523/011524	Competitive Speech III, IV	11-12	1/2

*Fine Arts courses provide an opportunity for students to create, design, and/or perform under the guidance of instructors at GBHS.

PERFORMING ARTS

****All students enrolled in performance groups must meet KSHSAA requirements to compete in State and Regional competitions. In order to participate in the Variety Show, students must meet KSHSAA and GBHS eligibility requirements. This includes: choir, band, and orchestra.**

051101 CONCERT CHOIR **

Concert Choir provides the opportunity to sing a variety of choral literature styles for men's and/or women's voices and is designed to develop vocal techniques and the ability to sing parts.

051102 SOPHOMORE CHOIR **

Membership is by try-out only. Class meets every day. This group performs in the Fall, Christmas, and American Heritage concerts, state music festivals, and the Variety Show. Enrollment for this course is by audition during the spring semester of the freshman year.

051103 A CAPPELLA CHOIR **

Membership is by try-out only. Try-outs are held in the spring semester of the preceding year. The choir meets every day for one unit of credit. Activities of the choir include Christmas and fall programs, American Heritage concert, state festivals, Variety Show, and graduation.

05111 MADRIGAL POP SINGERS **

Membership is by try-out only. Membership is also contingent upon concurrent enrollment in A Cappella Choir. A detailed account of other requirements is handed out prior to try-outs in the spring.

05149 ADVANCED MUSICIANSHIP

Advanced Musicianship is a class intended to allow students the opportunity to further develop their musical skills. The class will focus on the areas of voice production (group vocal instruction), basic keyboard skills (group beginning piano), music theory (with composition) and music history. Both the student planning to continue with their musical studies at the college level, and the student only wishing to improve musical skills while in high school will find this class challenging and rewarding.

An interview with the instructor is required before enrolling in this course.

05101 FRESHMAN BAND**

Freshman Band is an open enrollment course for freshman students who have instrumental music experience. The course will cover all aspects of skills development, marching fundamentals and techniques of ensemble playing. It is a year course which has two basic parts: marching and concert/contest semesters. The responsibilities of the

course will include playing tests, written tests, performing at athletic events, concerts, parades, and regional and state contests. This course will include some Saturday performance responsibilities. **Grading is based on attendance at all required performances.**

05102 VARSITY BAND **

Varsity Band is a course of instrumental music which emphasizes music fundamentals in the physical performance of band literature. Varsity Band requires daily rehearsals and participation in concerts, regional and state contests, clinics, tours, and miscellaneous performances at athletic events. The year long course is divided into marching during first semester and concert/contest performances during second semester. Additional responsibilities of the course will include playing tests and written tests. This course will include some Saturday performance responsibilities. **Grading is based on attendance at all required performances.**

Prerequisite - Freshman Band

05105 JAZZ ENSEMBLE **

Jazz Ensemble is a course of instrumental music which emphasizes the performance of jazz music techniques. Improvisation and creative performance are important techniques to be used and developed in the course. This ensemble performs for civic and athletic events, as well as school activities, such as concerts and contests. This course will include some Saturday performance responsibilities. **Grading is based on attendance at all required performances.** Enrollment is by audition or permission of the instructor.

Prerequisite - Freshman Band, Varsity Band, or String Ensemble

05104 STRING ORCHESTRA **

String Orchestra provides a study in string techniques for violin, viola, cello, and bass. String Orchestra provides an in-depth study of string orchestra literature. This orchestra is for any string student, grades 9-12 interested in performing orchestral music. The responsibilities of the course include playing tests, written tests and performing at concerts and regional/state contests. This course will include some Saturday performance responsibilities. **Grading is based on attendance at all required performances.**

05053 DRAMATICS I

Dramatics I is intended to help develop students' experience and skill in one or more aspects of theatrical production. This course is introductory in nature, providing an overview of the features of drama such as acting, set design and stage management.

050551-050552-050553 THEATRE PERFORMANCE I, II, III

Theatre Performance I, II, and III are intended to promote students' experience and skill development in one or more aspects of theatrical production, but they concentrate on acting and performance skills. These courses focus on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions.

Prerequisite - Dramatics I

CREATIVE ARTS

05151 INTRODUCTION TO ART

This course introduces students to the many forms of art and helps them form an aesthetic framework through which they can judge and critique art of various ages and cultures. These courses also explore the place and significance of art in our society.

05999 MEDIA EXPLORATION

This course is designed to develop skills and techniques in a variety of fine art media. This course will focus on one semester of 2-D drawing and painting skills and one semester of ceramic, functional and sculptural skills. This course includes a review of the basic elements and principles of art as well as an introduction of technical skills needed to work with each medium. This course is intended for upper classmen who have not previously taken an Introduction to Art course.

051581-051582 CERAMICS I, II

These courses focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but may focus on only one medium.

05159 ADVANCED CERAMICS

This course focuses on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

05156 DRAWING I

This course focuses on drawing. In keeping with this attention on two-dimensional work, students work with several media (such as pen-and-ink, pencil, chalk, and so on), but may focus on only one medium.

051542-051543 DRAWING II, III

These courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although these courses focus on creation, they may also include the study of major artists, art movements, and styles.

051571-051572-051573 PAINTING I, II, III

These courses focus on painting. In keeping with this attention on two-dimensional work, students work with several media (such as watercolor, tempera, oils, acrylics, and so on), but may focus on only one medium.

VIII. PRACTICAL ARTS

COURSE NUMBER	COURSE TITLE	GRADE LEVEL	CREDIT
22202	Foods	10-11-12	1
08057	Foods & Wellness	11-12	1
22205	Creative Textiles	9-10-11-12	1
22211	Fashion/Interior Design	11-12	1
22208	Balancing Work & Family	12	1
22204	Exploring Child Careers I	10-11-12	1
22151	Exploring Child Careers II	11-12	1
21051	Interactive Technology	9-10-11-12	1
21053	Advanced Technology	10-11-12	1
13002	Manufacturing Technology	11-12	1
13997	Adv. Design Manufacturing	11-12	1
17006	Woodworking Tech	10-11-12	1
17047	Production Manuf. In Cabinetmaking	11-12	1
13054	Adv Prod Manuf. In Cabinetmaking	12	1
21102	Technical Drafting	9-10-11-12	1
21107 *	Computer Aided Drafting and Design	10-11-12	1
21149 *	Advanced Computer Aided Drafting and Design	11-12	1
21103	Architectural Drafting and Design	10-11-12	1
21108	Adv Architectural Drafting and Design	11-12	1
20104 **	Automotive Technology I	11-12	2
20106 **	Automotive Technology II	12	2
18001	Agriscience	9-10-11-12	1
18101	Animal Science	11-12	1
18401	Ag Mechanics	10-11-12	1
18402	Adv Ag Mechanics	11-12	1
18052	Horticulture	10-11-12	1
18053	Horticulture II	11-12	1

*Dual credit with Barton Community College

**Dual credit taken on BCC Campus

PRACTICAL ARTS

22202 FOODS

Foods provides students with an understanding of food's role in society, instructions in how to plan and prepare meals, experience in the proper use of equipment and utensils, and background on the nutritional needs and requirements for healthy living.

08057 FOODS & WELLNESS

Foods & Wellness provides students with an understanding of food's role in society. Instruction in how to plan and prepare meals both from convenience foods and from scratch is covered. Nutrients and their functions in the body, and food sources shape the curriculum. Food preparation according to time, cost, nutritional value, and skills are discussed. Students demonstrate knowledge of wellness issues and the effect of wellness habits on their future.

Prerequisite - Foods

22205 CREATIVE TEXTILES

Creative Textiles is a sewing course that introduces students to and expands their knowledge of various aspects of textiles as well as sewing techniques. Students learn to create projects by following guide sheets and using the new technology in sewing.

22211 FASHION / INTERIOR DESIGN

Fashion is offered 1st semester and Interior Design 2nd Semester in this year long course. This course is offered with a priority to seniors and an option to juniors, class size permitting.

Fashion includes wardrobe planning; selection, care, and repair of various materials and construction of one or more garments. It also includes related topics such as fashion design, fashion history, the social and psychological aspects of clothing, careers in the clothing industry, and elements of design.

Interior Design covers a study of the basic elements and principles of design. It also includes the study of furniture styles, door and window styles, and housing styles; as well as drawing a room to scale and arranging furniture. Floor plans, new designs, new materials, and new methods of construction are covered. A final project is completed incorporating the information studied.

22208 BALANCING WORK AND FAMILY

Balancing Work and Family emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. This course emphasizes topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. It may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

22204 EXPLORING CHILD CAREERS I

Exploring Child Careers I provides students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to pre-school age. In addition, this course helps students discover how parents should respond to the various stages of childhood. Course content includes topics such as prenatal and birth processes; responsibilities and difficulties of parenthood; fundamentals of children's emotional and physical development; and the appropriate care of infants, toddlers, and young children.

22151 EXPLORING CHILD CAREERS II

Exploring Child Careers II helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. This course exposes students to various sources of information on career and training options and may also assist them in developing job search and employability skills. **The students must supply their own transportation.**

21051 INTERACTIVE TECHNOLOGY

Interactive Technology exposes students to the communication, transportation, energy, production, biotechnology, and integrated technology systems and processes that affect their lives. The study of these processes enables students to better understand technological systems and their applications and uses.

21053 ADVANCED TECHNOLOGY

Advanced Technology emphasizes students' exposure to and understanding of new and emerging technologies. The range of technological issues varies widely but includes lasers, fiber optics, electronics, robotics, computer technologies, CAD/CAM, communication modalities, and transportation technologies.

Prerequisite: Interactive Technology

13002 MANUFACTURING TECHNOLOGY

Manufacturing Technology introduces students to the various methods used to process and transform materials. Processing techniques covered include casting, forming, separating, assembling, and finishing. The course includes an overview of management techniques in planning, organizing, and controlling various segments of the manufacturing process, including design, engineering, production, and marketing.

Prerequisite: Advanced Technology

13997 ADVANCED DESIGN MANUFACTURING

Advanced Design Manufacturing enables students to explore topics related to manufacturing. It serves as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

Prerequisite: Manufacturing Technology

17006 WOODWORKING TECH

Woodworking Tech introduces students to the various kinds of woods used in industry and offers experience in using selected woodworking tools. Students design and construct one or more projects and prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. The class focuses on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials.

Requirement- \$50 per semester, minimum to be applied to the project.

17047 PRODUCTION MANUFACTURING IN CABINETMAKING

Production Manufacturing in Cabinetmaking enables students to explore construction-related topics of interest. This course serves as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

Prerequisite – Woodworking Tech

Requirement - \$50 per semester minimum, to be applied to the project.

13054 ADVANCED PRODUCTION MANUFACTURING IN CABINETMAKING

Advanced Production Manufacturing in Cabinetmaking includes studying the properties of woods and composites made from woods and using these materials to construct usable products. This course enables students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

Prerequisite - 17047 Production Manufacturing in Cabinetmaking

Requirement - \$50 per semester minimum, to be applied to the project.

21102 TECHNICAL DRAFTING

Technical Drafting introduces students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. This course uses exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems are introduced and used to fulfill course objectives.

Recommended - Computer Applications

21107 COMPUTER AIDED DRAFTING AND DESIGN (College Advantage)

Computer Aided Drafting and Design is offered as an intermediary step to more advanced drafting courses, introduces students to the computer-aided drafting systems available in the industry.

Prerequisite - Technical Drafting

21149 ADVANCED COMPUTER AIDED DRAFTING AND DESIGN (College Advantage)

Advanced Computer Aided Drafting and Design is open to juniors and seniors who have completed Computer Applications, Technical Drafting, and Computer Aided Drafting

and Design. The training, beginning the first semester, is continued on the Auto CAD system with special attention given to 3-D drawings. During the second semester, students draw technical illustrations and machinery problems on the computer. Grading is determined by class work, test grades, and a work place skills grade. The work place skills grade is determined by the student's ability to attend class, be on time, complete quality projects and demonstrate the ability to work with others.

Prerequisite - Computer Aided Drafting and Design.

21103 ARCHITECTURAL DRAFTING AND DESIGN

Architectural Drafting and Design introduces students to and helps them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from architectural applications. This course is intended to help students develop general drafting skills, but places a particular emphasis on interior and exterior residential (and light commercial) design, site orientation, floor plans, electrical plans, design sketches, and presentation drawings. In addition, students may prepare scale models.

Prerequisite - Technical Drafting

21108 ADVANCED ARCHITECTURAL DRAFTING AND DESIGN

Advanced Architectural Drafting and Design provides students with the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints. It emphasizes interpreting (not producing) blueprints, although the courses may provide both types of experiences. This course uses examples from a wide variety of industrial and technological applications.

Prerequisite - Architectural Drafting and Design

20104 AUTOMOTIVE TECHNOLOGY I (College Advantage)

Automotive Technology I is an introduction to the theory of the operation, maintenance, and repair of the internal combustion engine, as well as the basic automotive maintenance.

20106 AUTOMOTIVE TECHNOLOGY II (College Advantage)

Automotive Technology II is a review of the internal combustion engine, operation, maintenance and repair as well as an in-depth study of the operation and repair of an internal combustion engine, lubrication, cooling, air supply, fuel supply, and exhaust and ignition systems. This is a two credit course and is recommended as a prerequisite for vocational auto tech and is offered to juniors and seniors.

18001 AGRISCIENCE

Agriscience surveys a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). This course serves to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere. This course focuses on developing communication skills, business principles, and leadership skills.

18101 ANIMAL SCIENCE

Animal Science course imparts information about the care and management of domestic and farm animals. This course covers animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing.

Prerequisite – Introduction to Agriculture plus one other course

18401 AG MECHANICS

Ag Mechanics provides students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. While learning to apply basic industrial knowledge and skills (engine mechanics, power systems, welding, and carpentry, among others), students will explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; a study of electricity and power principles; and safety procedures.

Prerequisite – Agriscience or consent of Instructor

18402 ADV AG MECHANICS

Adv Ag Mechanics provides students with the engineering and power technology principles, skills, and knowledge that are specifically applicable to the agricultural industry. Topics include the operation, maintenance, and repair of power, electrical, hydraulic, and mechanical systems.

Prerequisite – Agriscience, Ag Mechanics or consent of Instructor

18052 HORTICULTURE I

Horticulture I exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, it covers a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

Prerequisite – Agriscience

18053 HORTICULTURE II

Horticulture II provides information regarding the care and propagation of plants, flowers, trees, and shrubs, but places a special emphasis on those used for decorative and aesthetic purposes.

IX. PHYSICAL EDUCATION

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>GRADE LEVEL</u>	<u>CREDIT</u>
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A student must earn one unit of Physical Education credit.

080011	Physical Education I	9-10-11-12	1
080012	Physical Education II	10-11-12	1
08005	Cardio Conditioning	10-11-12	1
08009	Strength and Conditioning	9-10-11-12	1
08051	Health (Doctors note required)	9-10-11-12	1

NCAA FRESHMAN-ELIGIBILITY STANDARDS

QUICK REFERENCE SHEET

KNOW THE RULES:

Core Courses

NCAA Division I requires 16 core courses as of August 1, 2008. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.

NCAA Division II requires 14 core courses. See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

Test Scores

Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.

Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.

The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade-Point Average

Only core courses are used in the calculation of the grade-point average.

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is www.ncaaclearinghouse.net.

Division I grade-point-average requirements are listed on page two of this sheet.

The Division II grade-point-average requirement is a minimum of 2.000.

DIVISION I

16 Core-Course Rule

16 Core Courses:

4 years of English.

3 years of mathematics (Algebra I or higher).

2 years of natural/physical science (1 year of lab if offered by high school).

1 year of additional English, mathematics or natural/physical science.

2 years of social science.

4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

DIVISION II

14 Core-Course Rule

14 Core Courses:

3 years of English.

2 years of mathematics (Algebra I or higher).

2 years of natural/physical science (1 year of lab if offered by high school).

2 years of additional English, mathematics or natural/physical science.

2 years of social science.

3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

PLEASE NOTE: Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

OTHER IMPORTANT INFORMATION

Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.

14 core courses are currently required for Division II. However, beginning 2013, students will be required to complete 16 core courses.

16 core courses are required for Division I.

The SAT combined score is based on the verbal and math sections only. The writing section will not be used.

SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.

Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to www.ncaa.org. Click on "Academics and Athletes" then "Eligibility and Recruiting." Or visit the Eligibility Center Web site at www.ncaaclearinghouse.net. Please call the NCAA Eligibility Center if you have questions:

Toll-free number: 877/262-1492.

NCAA Eligibility Center
05/07/08 LK:cr

NCAA DIVISION I SLIDING SCALE

CORE GRADE-POINT AVERAGE/ TEST-SCORE

New Core GPA / Test Score Index Core GPA SAT ACT

Verbal and Math ONLY

3.550 & above 400 37

3.525 410 38

3.500 420 39

3.475 430 40

3.450 440 41

3.425 450 41

3.400 460 42

3.375 470 42

3.350 480 43

3.325 490 44

3.300 500 44

3.275 510 45

3.250 520 46

3.225 530 46

3.200 540 47

3.175 550 47

3.150 560 48

3.125 570 49

3.100 580 49

3.075 590 50

3.050 600 50

3.025 610 51

3.000 620 52

2.975 630 52

2.950 640 53

2.925 650 53

2.900 660 54

2.875 670 55

2.850 680 56

2.825 690 56

2.800 700 57

2.775 710 58

2.750 720 59

2.725 730 59

2.700 730 60

2.675 740-750 61

2.650 760 62

2.625 770 63

2.600 780 64

2.575 790 65

2.550 800 66

2.525 810 67

2.500 820 68

2.475 830 69

2.450 840-850 70

2.425 860 70

2.400 860 71

2.375 870 72

2.350 880 73

2.325 890 74

2.300 900 75

2.275 910 76

2.250 920 77

2.225 930 78

2.200 940 79

2.175 950 80

2.150 960 80

2.125 960 81

2.100 970 82

2.075 980 83

2.050 990 84

2.025 1000 85

2.000 1010 86