

INTRODUCTION

This guide has been developed by the administration of Bloomington High School. Its purpose is to provide information about the over 200 courses which will be offered at Bloomington High School during the 2011-2012 school year. The guide is intended to help students and their parents become better acquainted with the content of specific courses and to aid them in the decision making process which will be taking place during registration. Additional academic regulations are published in the Student/Parent Handbook published in August.

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THE MISSION OF BLOOMINGTON HIGH SCHOOL IS TO PREPARE STUDENTS FOR THE CHALLENGES OF A DEMANDING GLOBAL SOCIETY. THIS RESPONSIBILITY IS SHARED BY FACULTY, STAFF, PARENTS/GUARDIANS, THE COMMUNITY, AND -- MOST IMPORTANTLY -- STUDENTS. WE BELIEVE IN PROVIDING EDUCATIONAL EQUITY FOR OUR DYNAMIC AND DIVERSE POPULATION. AS RESPONSIBLE CITIZENS, OUR STUDENTS WILL FACE CHALLENGES THAT REQUIRE INCREASINGLY COMPLEX PROBLEM-SOLVING SKILLS AND THE ABILITY TO ADAPT AND APPLY KNOWLEDGE. ACCORDINGLY, OUR RESPONSIBILITY IS TO ASSIST ALL STUDENTS IN MASTERING THE KNOWLEDGE AND SKILLS FOR SUCCESSFUL INDEPENDENT AND LIFELONG LEARNING. FURTHER, WE HELP STUDENTS ACQUIRE EFFECTIVE COMMUNICATION SKILLS NEEDED FOR INDIVIDUAL INTERACTION AND COLLABORATION. FINALLY, WE ACCEPT THE RESPONSIBILITY TO INSPIRE OUR STUDENTS TO ACHIEVE THEIR FULL POTENTIAL.

**BLOOMINGTON HIGH SCHOOL
MISSION STATEMENT**

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DECLARATION OF NON-DISCRIMINATION

No student, employee, or applicant for employment shall, on the basis of age, race, color, gender, religion, national origin, marital status, or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity. Correspondence concerning these issues may be addressed to the Principal's office.

COURSE REQUIREMENTS FOR COLLEGES AND UNIVERSITIES

College entrance requirements often exceed the minimum requirements for graduation. In the State of Illinois, there are significant requirements for the high school courses expected for college admissions. Many colleges require or expect completion of 4 credits in English, not counting Drama, or Journalism. Other common minimum requirements are completion of at least Algebra II in math, 2 and sometimes 3-4 years of the same foreign language, 3 years of social science and science, and a total of at least sixteen credits in these areas. Students planning to attend the University of Illinois are advised to take at least three years of the same foreign language and preferably four since this may help meet their bachelor's degree requirement. The Guidance Department has information on general guidelines, for admissions into the major state universities in Illinois, as well as catalogs from other universities. Vocational courses may be substituted in some cases. Please note that for specific information on **ACT/SAT**, class rank and course requirements, consult the college catalog and other guides in the Career Guidance Center. Students can also use the BHS Web Site to access information from colleges via the Internet: <http://www.bhs87.org>

Students are also advised that many selective colleges and scholarship programs encourage and often expect students to maintain a full seven credit load each year.

NCAA REQUIREMENTS

The National Collegiate Athletic Association (NCAA) has established minimum eligibility requirements for students. This process involves a minimum GPA in courses the NCAA considers to be "core courses" in English, foreign language, mathematics, science, and social science. Algebra, geometry and Algebra II must be included among a student's core courses. Students interested in collegiate athletics are advised to consult the latest list of NCAA-approved classes with the Registrar in the Guidance Office.

GRADUATION REQUIREMENTS

Required credits are usually earned in the following years:

Freshman

English (1)
Mathematics (1)
Science (1)
World History (1)
Phys. Ed./Health (1/2 + 1/2)
Fine/Prac Arts or
For. Language (1)

Sophomore

English/Speech (1/2 + 1/2)
Mathematics (1)
Science (1)
Safety & Phys. Ed. (1)

Junior

English (1)
Math (1)
Science (1)
Am. History (1)
Phys. Ed. (1)

Senior

English (1)
Am. Govt. (1/2)
Soc. Science Elective (1/2)
Cons Ed (1/2 or pass state test)
Phys.Ed. (1)

Students must earn a minimum of **twenty-three and one-half units in order to graduate from Bloomington High School**. Four units must be earned in language arts (one unit in each grade); three units in science, one of which must be a biological science and one must be a physical science; three units in mathematics, one of which may be related to computer technology; three units in social studies (one unit in World History, one unit in American History, and one-half unit in American Government, and one-half unit in an elective course); four units in physical education (one unit in each grade); and one unit in music, art, foreign language, or vocational education. The student must also satisfy consumer education and other State of Illinois requirements. All juniors must take the Prairie State Achievement Exam (PSAE). This test is a combination of ACT, Workkeys, and state developed tests. PSAE scores are recorded on students' transcripts that will be reviewed by colleges and employers.

Under limited circumstances, students may receive advance permission to include courses taken at other institutions. These procedures are listed in the Student/Parent Handbook. Students should not assume these courses would be available in their planning.

Note: The consumer education requirement may be met by passing a half-unit course in addition to the requirements in social science and the fine and practical arts. The approved courses for this purpose are Consumer Economics, Economics, first semester of Intro to Business, or Employment Prep/Internship. This course would count towards the twenty-three and a half units required for graduation.

CLASS MEMBERSHIP REQUIREMENTS:

FreshmanPromotion from Grade 8
 Sophomore.....Six Credits
 Junior..... Twelve Credits
 Senior.....BHS class schedule sufficient for graduation in June

ADVANCED PLACEMENT AND HONORS CLASSES

Advanced Placement courses are offered in English, French, Spanish, Calculus, Biology, Chemistry, Environmental Science, Physics, American History, American Government, Psychology, Music Theory, Studio Art, Statistics and Probability, and Computer Science. The College Board offers an examination in May in a variety of instructional areas. Students scoring 3 or higher on these tests are generally eligible for college credit and/or placement. Students taking AP classes are strongly urged to take this examination. Students taking advanced courses in other areas are also able to take the appropriate AP examination. Strong students in other senior level classes are encouraged to consider preparing for the AP examination in other areas. Bloomington High School also offers a wide range of Honors courses in English, Mathematics, and Science. Many selective colleges report that the single most important criterion for admission is the strength of the student's high school program. Honors and Advanced Placement classes help establish this, whereas study halls do not.

CHANGE OF CLASS POLICY

Students have the opportunity and the responsibility to plan a realistic educational program for the following year. Students should study course descriptions, make use of instructors' and counselors' recommendations, and discuss plans with their parents.

Parents and students should give serious consideration to this matter before choosing specific courses because students will be expected to remain in the selected courses. School administrators employ instructors and build a schedule based upon these final selections. Deadlines for course selections will be set each year.

Once school begins in the fall, students may change a course only for one of the following circumstances:

- An error was made in scheduling. The counselor should be advised immediately.
- It can be justified because of a change in career plans.
- A course is required for admission or a scholarship program at the college or university the student plans to attend.
- A change is warranted by courses passed (or failed) in summer school.
- A student can justify withdrawing from an elective subject.
- A student can cite an extreme personal emergency.

Even where one of the above circumstances applies, students can only add classes in the fall on a space-available basis.

BHS Counselors and the Associate Principal may initiate a change in a student's program for the following reasons:

If a student fails a course and the school rule requires that the student be dropped.

If an instructor and/or counselor recommends a different course level.

If it is necessary to "balance" classes.

If a doctor and/or nurse certifies that a physical condition warrants a change.

If an error has been made in a student's schedule.

If the student is needed as a student assistant.

If a student has failed with an instructor in the past.

Students are not permitted to enroll in a new course after the tenth (10th) meeting of that course. Unforeseen circumstances may result in a variation of this policy. Withdrawal forms are available in the guidance office.

***Withdrawal From An Individual Class:** A student who withdraws from an individual class will be placed in a study hall and will lose credit for that class. A student who withdraws from a class prior to the end of the first or third grading periods will have a "WP" (Withdraw Passing) or a "WF" (Withdraw Failing) placed in their permanent record. Students are advised that "WP" and "WF" grades may be viewed negatively by some colleges and scholarship programs. For example, a grade of "WF" is sometimes treated as an "F". Some programs also look at the number of courses taken each year and may ask for an explanation if the number is unusually low. A student who withdraws

from a class after the end of the first or third grading periods will receive a grade of “F” for the entire semester.

GRADES, GRADE POINT AVERAGE, CLASS RANK

Bloomington High School uses a grading system that reflects the student’s cumulative grade average and their percentage earned. This will include a letter grade based on the percentage earned: A = 100-90 (superior), B= 89-80 (very good), C= 79-70 (average), D= 69-60 (poor), and F= 59-0 (failure) based directly on the students cumulative grade average and percentage earned throughout the semester. Study halls and student assistantships do not count for credit and are not included in any grade point average or class rank calculations.

In order to determine grade point average, letter grades are given numerical equivalents in all courses. Grade point average is then determined by dividing the sum of the numerical grades by the number of units attempted. With some exceptions, letter grades are given the following numerical values: A-5; B-4; C-3; D-2; F-1.

Grades in Honors, Advanced, and Advanced Placement courses are given a higher numerical equivalent (A-5; B-5; C-4; D-3; F-2). After the grade point average is calculated, a value of .023 will be added for each A earned in any course that is specifically titled as Honors, Advanced, or Advanced Placement. Students are advised that many colleges ignore grade point averages as computed by the local high school and recalculate these for their own admission purposes. Even though a D in an Honors course may be weighted to count the same as a C in a regular class, this D may negatively impact on selection decisions at some colleges.

Grades in basic level classes are given a lower numerical equivalent (A-4; B-3; C-2; D-1; F-0). These include all courses with the words "basic," "essential," or "fundamental" in the title, as well as Alternate Education classes, and special education classes.

Students with a final grade point average of 5.621 or higher will be declared co-valedictorians. This average can be reached by earning straight A’s and taking at least twenty-seven semesters of honors or AP classes. Co-salutatorians are those whose final GPA’s are 5.552 or above, corresponding to twenty-four semesters of Honors/Adv/AP courses. A grade of B in a regular semester class can be compensated for by earning an A in additional Honors or AP class.

For purposes of G.P.A. calculations, students taking Algebra I or first year foreign language while enrolled in 8th grade or below will have these courses on the transcript, and the courses will count for G.P.A. calculations and total graduation requirements.

Students who repeat a course they have previously passed will not receive additional credit. However, the repeat class will be counted towards G.P.A. calculations. In addition, the grade on the repeated course will be reported on the student's transcript. Except in limited circumstances that appear in the individual course descriptions, a

student may not repeat Honors courses or courses in which the student previously earned an A or B.

HOW TO USE THE GUIDE

In this guide you will find the number, the title, and a brief description of each of the courses offered at Bloomington High School. In addition, the length of each course and the credit allotted to each course are shown. Bloomington Area Career Center courses (ACC) are also included in the guide and are represented with an **ACC** prefix to the course number. (Applications must meet the criteria and be approved by administration for these courses.)

Prerequisites are listed for numerous courses. Prerequisites are conditions that must be met before enrollment. They have been established to provide the maximum assurance that the courses will be completed satisfactorily.

You are urged to read the descriptions, consider the recommendations made by your current instructors, discuss possible selections with your parents, and be prepared to determine your final course selections during the final week in January.

ENGLISH

Freshman Composition/Grammar Essential Learner Outcomes

Continuing with skills learned in eighth grade, students will explore language, including grade-level vocabulary, as a means of improving written communication skills. They will study simple, compound, and complex sentences and punctuation of each type. Students will learn how to select and narrow topics, develop clear thesis statements, and organize ideas to include introductions, support, transitions, and conclusions. They will utilize process writing, which involves prewriting and editing to produce polished final drafts, and learn to adapt writing styles for a variety of purposes and audiences.

01011-2 Honors Freshman Literature and Composition (Year; 1unit)

Prerequisite: Teacher/Counselor recommendation

One semester is a grammar/composition course for the academically superior student who has advanced reading and writing skills. The student will study grammar and usage extensively as it relates to writing and speaking. Composition assignments will include paragraph development and essay writing. The other semester is a literature program designed for the academically superior student who has advanced reading and writing skills. Classical works in drama, poetry, novel, and short story will be studied with emphasis on literary analysis through discussion and composition.

01031-2 Freshman Literature and Composition (Year; 1 unit)

Prerequisite: None

One semester is composition and grammar for the student who has average to above average reading and writing skills. It is designed to improve the student's ability to write clearly and effectively. Writing process will be analyzed and practiced. The other semester examines the genres of the short story, drama, classical heritage, and the novel. Spelling, vocabulary, and composition skills will be reinforced. The challenging material is suitable for the student who has average to above average reading and writing skills.

01051-2 Freshman Literature and Composition Essentials (Year; 1 unit)

Prerequisite: None

One semester is designed for the student who has below average reading and writing skills. It begins with basic skills and, through study of the process of writing, encourages clearer and more effective compositions. Strong emphasis is placed on grammar, spelling, vocabulary, and writing development skills. Individual attention is given. The other semester is a study of material suitable for the student who has below average reading and writing skills. The short story, drama, the epic hero, and classical and modern novels are included. Comprehension, literary terms, and vocabulary are stressed in order to develop, expand and improve the student's reading skills.

01071-01072 Techniques in Reading (Year; 1 unit)

Prerequisite: None, but this course is required for all freshmen essential level students

This course is designed for students with below grade level reading ability. Emphasis is placed on reading texts for all academic classes, vocabulary skills, reading comprehension, reading strategies, and written response to reading material. Students will read and study a variety of materials including current news publications, modern fiction and non-fiction, and materials relevant to other core curriculum areas. Test taking skills will also be developed.

Sophomore Literature/Composition Essential Learner Outcomes

Students will build on reading and writing skills learned in the freshman year, exhibiting a higher level of mastery. They will read, interpret, analyze, and evaluate various forms of literature, with the addition of poetry. Students will make inferences about selections, including characters' emotions and motives, and will analyze how an author's philosophy and value system affect the meaning of a work. Using phrases and clauses to vary sentence structure, students will write compositions/essays based on the interpretation of literature, as well as other forms of personal and public writing for a variety of audiences. Students may use information processing when producing final drafts.

Sophomore Speech Essential Learner Outcomes

Students will recognize what is conveyed by appearance, actions, voice, and words through an understanding of verbal and nonverbal communication. They will learn to use appropriate movement, gestures, facial expressions, and eye contact when speaking and will study voice production with emphasis on volume, articulation, and vocal variety. Students will select appropriate topics and materials for individual and group oral presentations; use research, opinion, and logic in developing presentations for a variety of purposes; and organize ideas using effective introductions, bodies, and conclusions into outline and script formats. They will evaluate their own performances and learn to be active, effective audience members by evaluating the performances of others.

02000 Honors Sophomore Literature/Composition (Semester; 1/2 unit)

Prerequisite: Grade 9 English; Teacher/Counselor recommendation

This semester course is designed for the highly motivated, academically superior student with advanced skills in reading and writing. The genres studied will include short stories, poetry, nonfiction, drama, the Arthurian legend, and the novel. Communication skills, involving vocabulary, spelling, and grammar, will be expanded through extensive composition work. A semester project is required.

02010 Sophomore Literature/Composition (Semester; 1/2 unit)

Prerequisite: Grade 9 English

This course emphasizes material for the high average to above average English student. Included will be the study of short stories, poetry, nonfiction, drama, legends, and novels. Also, the student will be expanding grammar, spelling, vocabulary, and composition skills.

02021-02022 Sophomore Literature/Composition and Speech Essentials (Year; 1 unit) *Prerequisite: Grade 9 English*

This course is designed for the student who has below average reading and writing skills. This course will emphasize various literary forms including short stories, poetry, nonfiction, drama, legends, and novels. Grammar and composition, involving comprehension and interpretation of literature, will continue to be stressed as well as public speaking.

02050 Speech (Semester; 1/2 unit)

Prerequisite: Grade 9 English

This course provides the basics of a public speaking course with many types of formal speaking explored and performed in class. Methods of research and organization of ideas will be developed and used within the course. The student will examine all phases of the communication process, including written, spoken, and nonverbal forms. This course aims to develop communication skills for the speaker and listener in both individual and group activities.

Junior Literature/Composition Essential Learner Outcomes

Students will continue to build on reading, writing, thinking, listening, and speaking skills learned in the freshman and sophomore years, demonstrating a greater level of expertise. They will analyze American literature in terms of literary techniques, synthesize various selections, and make inferences that will include mood and tone. Students will recognize stylistic and thematic qualities from different historical periods and analyze philosophical movements in American literature. They will examine nonfictional elements, differentiate personal opinions and assumptions from those of the writers, and support generalizations. Students will write research papers showing critical analysis of the relationships between authors and their works. They will compare and contrast ideas from a variety of sources, verify information, analyze material, and logically support their ideas in the research projects. Use of an information processor is encouraged.

03001-03002 Honors Junior Literature/Composition (Year; 1 unit)

Prerequisite: Grade 10 English; Teacher/Counselor recommendation

This challenging course offers the study of American literature and culture to the academically superior student who has advanced reading and writing skills. It is designed to promote excellence in thinking, writing, and literary analysis skills. The student will read American works representing various periods and genres. Outside reading is required, as well as the submission of an extended, research-based, literary criticism paper each semester.

03011-03012 Junior Literature/Composition (Year; 1 unit)

Prerequisite: Grade 10 English

This course emphasizes material for the student who has average to above average reading and writing skills through the chronological study of American literature (diary, essay, short story, poetry, novel, drama). Grammar, spelling, vocabulary, and composition work are required with outside reading. A research paper on a literary topic is also required.

03021-03022 Junior Literature/Composition Essentials (Year; 1 unit)

Prerequisite: Grade 10 English

This course emphasizes material for the student who has below average reading and writing skills through the chronological study of American literature (diary, essay, short story, poetry, novel, drama). Grammar, spelling, vocabulary, and composition work are required. A research paper is also required.

Senior English Electives

Students will select from reading/literature and writing/composition courses to fulfill the senior level language arts required for graduation from Bloomington High School and the total of 4 units of English for colleges (4 units are required for the class of 2009 and beyond for graduation). **Seniors should choose both a writing and literature course to complete their English courses of study.** (Students are advised to check with colleges to

determine policies on how the sophomore speech class and the senior electives are treated for admissions requirements.) These courses continue to build on the skills learned in the freshman, sophomore, and junior years, but require the students to perform at a higher level of proficiency. Students involved in reading classes will analyze and draw information from multiple sources and expand vocabularies.

They will develop study skills, with emphasis on using reference materials and taking notes from lectures and reading. Students enrolled in literature courses will read, analyze, and interpret American, British or World literature, and they will be able to explain the philosophical movements and value systems as they apply to the selections. Students electing writing classes will write research papers using analytical skills and will complete writing projects.

04030 College Literature I (Fall semester; 1/2 unit)*

04040 College Literature II (Spring semester; 1/2 unit)*

Prerequisite: Junior or Senior standing

This course will require reading of works considered as classics needed by the college-bound student. The fall semester will include works by Chaucer, Shakespeare, Milton, Swift, Wordsworth, Shelley, and Hardy. The spring semester will include works by Huxley, Hesse, Wright, E. Bronte, Williams, and Vonnegut. Papers analyzing authors' philosophies and some creative writing projects will allow the student to work to eliminate grammatical errors and errors in logic, unity, coherence, and transition. A student may take either or both semesters.

* **Counts as senior literature course.**

04050 English Language/Composition (Semester; 1/2 unit) #

Prerequisite: Senior standing

The goal of this senior writing class is to prepare each student to complete successfully a university level composition course (English 101) and to acquire competent writing skills for life. In order to accomplish this goal, the class is structured as a writing workshop; students have essays in progress continuously, and class time is spent in supervised peer response, teacher response, individual conferences, whole group lessons on specific writing skill elements, and instruction on critical thinking skills. A multi-stage recursive writing process driven by quarter and semester writing portfolio assessment engages each student to produce rhetorical, opinion essays through prewriting, multiple drafts and revision. The inclusion of an interdisciplinary essay in each portfolio evidences the use of writing skills across the curriculum. Regular impromptu writings develop timed thinking and writing skills. An extended essay of 7-10 pages requires students to master research skills, MLA documentation and format. Reading logs are submitted on a regular basis to develop skill in evaluation research sources and to learn other writers' styles and techniques. Self-assessment of writing and peer evaluation skills help students become independent and competent writers.

Counts as senior writing course.

04051-04052 AP English Language/Composition (Year; 1 unit)*#

Prerequisite: A or B in Honors Junior English, or Teacher recommendation

In preparation to write argumentative and persuasive essays, the student will study invention and prewriting strategies, as well as drafting, revision, and editing. The student will practice skills in logic, analysis, and evaluation with regard to problem solving and literary analysis. The class will focus on improvement of general writing skills. This course follows the College Board Advanced Placement Syllabus, and the student is strongly encouraged to take the College Board exam in May. Please see the section at the beginning of this guide concerning AP exams.

***# Counts as senior writing and literature course.**

04061-2 Senior English Workshop

Prerequisite: Junior English Essentials

This course is designed for students performing below grade level that would benefit from a writing and reading class with a sustained skill improvement focus. Students in this class will most likely enter the workforce or attend Heartland Community College after graduating. Students will be coached through the application process and the goal will be to reach a level of performance that will allow them to place out of the HCC remedial sequence and enter their English track in a course that earns credit hours.

04070 Creative Writing (Semester; 1/2 unit)

Prerequisite: Junior/Senior standing; C or better in Freshman & Sophomore English

This course is designed to meet the needs of the student who seeks an outlet for artistic expression, who possesses interest and talent in composing original fiction, and who is interested in writing for performance and publication. The student will write literary analyses of multi-cultural works of modern fiction writers. The class will utilize a workshop format with peer analysis of original works in progress. Included will be the writing of poetry, short stories, and drama. A quarter portfolio and final semester portfolio must be submitted to earn credit.

04080 Modern Fiction I (Fall Semester; 1/2 unit)*

Prerequisite: Junior or Senior standing

These courses are designed for the average student who enjoys reading a modern book in a variety of literary types. These titles will come from the following: adolescent literature, adventure, mystery, western, and science fiction/fantasy novels, and contemporary short stories. Grammar study will be done independently to meet the student's needs. Writing will include written analysis of authors' ideas as well as creative projects. *** Counts as senior literature course.**

04091-04092 AP English Literature/Composition (Year; 1 unit)*#

Prerequisite: A or B in Honors Junior English or Teacher Recommendation

This course is designed for students who are interested in earning college credit through the AP program. The course follows the College Board AP syllabus which prepares students for the AP exam in May. Course content includes the study of classic literature from ancient Greece to the 21st century across genres and cultures. Sophocles, Chaucer, Dante, Shakespeare, Cervantes, Milton, Swift, Wordsworth, Shelley, Huxley, Hesse, Camus, Wright, Vonnegut, Homer, More, Goethe, Malory, Donne, Voltaire, Wollstonecraft, Chopin, Bronte, and Dostoevsky are some of the key writers studied. Through literary analysis we will examine style and structure, the writer's diction,

imagery, use of detail, language and syntax. Students will write about literature extensively as they explore philosophy, psychology, and connections to contemporary life. Outside reading of modern, as well as canan authors, is required.

***# Counts as senior writing and literature course.**

Additional English Department Electives

The English department offers several elective programs that afford interested students the opportunity to expand their interests in speaking, writing, and reading. Some colleges require four units of English credit as a condition for admission and exclude some electives from meeting this requirement. Students are advised to check with colleges to determine policies on how these courses are treated.

05031-5032 Journalism I (Year; 1 unit)

Prerequisite: Freshman English or teacher recommendation

This course is designed to introduce the student to basic journalism by examining the roles and responsibilities of media through history. The student will define, identify, and analyze news worthiness and will practice the skills necessary for basic reporting through information gathering. The student will also study style, proofreading, and copy-editing. The course will involve news, editorials/opinions, features, sports stories, headlines, and captions. The student will produce news articles, a front page, and various other types of writing as they pertain to the **Aegis** and **Aepix**. *This course cannot be used to meet the English graduation requirement.*

050Y1-050Y2 Journalism II - Yearbook Production (Year; 1 unit)

Prerequisite: Journalism I and/or Teacher approval

This production course is designed for the student with an interest in photojournalism. The course will include evaluating the purpose of a school yearbook and how this purpose is revealed in formulating of editorial positions. The student will work to further develop skills in writing and editing of headlines, copy, and captions. An emphasis will also be placed on the collaborative work needed for the production of the **Aepix**. Yearbook software will be used in planning and executing the layouts. The student must be willing to spend time after school. *This course cannot be used to meet the English graduation requirement.*

05070 Drama I (Semester; 1/2 unit)

Prerequisite: Teacher/Counselor recommendation

In this course, the student will develop skills in performance, production, and analysis of theater. Course work will include origins of theater, acting, direction, production, and analysis of dramatic literature. Reading, writing, and speaking objectives will be met through the study and practice of dramatic literature. The student will also develop skills in critical and creative thinking. The student will be encouraged, but not required, to assist in the production of the fall play or spring musical. *This course cannot be used to meet the English graduation requirement.*

05080 Drama II (Semester; 1/2 unit)

Prerequisite: Drama I

This course is designed for the student who wishes to formally explore and study drama/theater for the purpose of production. It would also be for the student who wishes to study drama as literature. The course will include acting methodologies, technical elements, and various genres representing historical periods and cultures. The final class project will involve the production of a theatrical performance. *This course cannot be used to meet the English graduation requirement.*

16001-16002 English as a Second Language (Year; 1 unit)

Prerequisite: Teacher/Counselor recommendation

The purpose of this course is to help the student with limited English proficiency make the transition to the regular English curriculum. Skill goals will include basic interpersonal communication and reading, writing, speaking and listening as they pertain to the classroom. An English language skills assessment test will be administered to determine individual needs and goals.

FOREIGN LANGUAGE

Students are advised to read the section at the front of this guide concerning university requirements.

11111-11112 French I (Year; 1 unit)

Prerequisite: Successful completion of a grade-level English class with a grade of C or better is strongly recommended.

The purpose of this course is to acquaint the student with a beginning French vocabulary, accurate pronunciation, and the basic principles of French grammar. The student will develop a balanced amount of the four skills: listening, speaking, reading, and writing. Culture is interwoven with language development.

11121-11122 French II (Year; 1 unit)

Prerequisite: French I; Teacher recommendation

The second year of French reviews and builds on concepts mastered in French I. Vocabulary development increases rapidly. The student learns new grammar concepts and verb tenses that are integrated into speaking, listening, reading, and writing activities. Short readings in French focus on geography, history, and culture in the French-speaking world. Daily work, class participation, and successful testing comprise the methods of evaluation.

11131-11132 French III (Year; 1 unit)

Prerequisite: French II; Teacher recommendation

The third year of French provides a thorough review of vocabulary and language patterns introduced in French I and French II. Advanced grammar concepts are then presented. Culturally based readings and studies are interwoven throughout the course, providing for growth in vocabulary and further development of writing and conversation skills. Much of the class will be conducted in French.

11141-11142 French IV (Year; 1 unit)

Prerequisite: French III; Teacher recommendation

This course is the foundation for the advanced level course. It provides a thorough review of skills and materials covered in French III. The instruction will focus on mastery of the four basic skills: listening, reading and continued vocabulary development, speaking and increased oral fluency, and writing essays. Other emphases include French culture and civilization. Much of the course will be conducted in French.

11151-11152 AP French V (Year; 1 unit)

Prerequisite: French IV; Teacher recommendation

This course will be conducted in French. It is designed for the student who wants the opportunity to prepare for college classes in French. There will be a focus on the grammar concepts, speaking skills, and writing skills that would be needed on the College Board AP exam in the French Language. Students are encouraged to take advantage of the opportunity to take the AP test in May. The integral focus of language study at this level will come from a variety of readings in French culture, in French history, and from literature of the French speaking world. *(This course carries the Honors G.P.A. weighting)*

15111-15112 Spanish I (Year; 1 unit)

Prerequisite: Successful completion of a grade-level English class with a grade of C or better is strongly recommended

Spanish I is an introduction to the Spanish language with emphasis on the four basic skills of listening, speaking, reading, and writing. Work will be evaluated by way of oral and written performance. This class serves as a foundation for continuing study of Spanish; therefore, daily study and participation are required. One section of this class is reserved for those students in the Bloomington Business Academy.

15121-15122 Spanish II (Year; 1 unit)

Prerequisite: Spanish I; Teacher recommendation

Based on the fundamentals mastered in Spanish I, this course build listening, speaking, reading, and writing skills. Expansion of the student's active vocabulary is an important part of the class. Preterit and imperfect tenses are covered. Each unit contains a variety of oral and written activities for the student to practice communicative skills, vocabulary usage, and grammar concepts. Due to the importance of skill building in this class, daily study and active class participation are required.

15131-15132 Spanish III (Year; 1 unit)

Prerequisite: Spanish II; Teacher recommendation

This course is designed for the above average student who has successfully completed Spanish II and has mastered that material. This advanced course provides a review of grammar rules and structures and then introduces the exceptions and variables of those rules. The subjunctive, future, conditional, and several compound tenses are introduced. Student-created situational dialogues and culturally based readings will be presented throughout the year, aided by extensive vocabulary acquisition. This class serves as the foundation for the Advanced Studies classes.

15141-15142 Spanish IV (Year; 1 unit)

Prerequisite: Spanish III, Teacher recommendation

This course is designed for the student who wants more than the minimum foreign language requirement. It will be taught as the course preparing the student for success in the Advanced Placement Spanish V class offered the following year. The student will complete two semester projects in Spanish, a research project and a portfolio. Proficiency-oriented instruction will focus on the four basic language skills of reading, writing, listening, and speaking in the target language at an advanced level. This will facilitate transition into college courses.

15191-15192 AP Spanish V (Year; 1 unit)

Prerequisite: Advanced Spanish IV, Teacher recommendation

This course is designed for the student who desires the opportunity to pursue college-level studies in Spanish and the option to receive college credit for this study. This course follows the College Board Advanced Placement Syllabus in Spanish Language, and students are strongly encouraged to take the College Board exam in May. Please see the section at the beginning of this guide concerning AP exams.

MATHEMATICS

Mathematics Essential Learner Outcomes

The Program goals in mathematics at Bloomington High School and in District 87 are listed below. These outcomes are addressed in each course in the mathematics department. Special emphasis is given to specific outcomes in some classes.

- Students perform the computations of addition, subtraction, multiplication and division using whole numbers, integers, fractions and decimals.
- Students understand and use ratios, proportions, and percentages.
- Students understand and use measurement.
- Students identify, analyze and solve problems using algebraic equations, inequalities, functions, and their graphs.
- Students understand and apply geometric concepts and relations in a variety of forms.
- Students understand and use methods of data collection and analysis.
- Students use mathematical skills to estimate reasonableness of answers and predict outcomes.
- Students use technical tools to solve problems.

(Graphing calculators are assumed to be those approved by ACT, like the TI 83 Plus or TI-84 graphing calculators that are used in the department. TI-89 calculators are not allowed until AP Statistics or AP Calculus.)

As juniors, students will be taking the Prairie State Achievement Exam. This exam includes questions from Algebra I, Geometry and Algebra II.

21211-21212 Algebra X (Year; 1 unit)

Prerequisite: None; Teacher recommendation, year long, 2 hr. block

This course is designed for 9th graders and will serve as a transition from their 8th grade math course into Algebra. The focus of this course will be on skills needed for Algebra and their application through problem solving, technology and hands-on activities. It is the intent of this course to encourage a respect for math and its practical applications as well as preparing students for success in Geometry. (Calculators are required - either Scientific or Graphing). Students will earn **1 credit** in Algebra for successfully completing this course.

21231-21232 Techniques in Algebra

Prerequisite: None, this course is an option for students con-currently enrolled in Algebra I, teacher recommendation

This course is designed as a resource for Algebra I students. It will provide students with additional time and more opportunities to use multiple representations of Algebra I problems and concept. Techniques in Algebra will give students the opportunity to strengthen their algebraic understanding with individualized help with homework and individualized classroom assessments. Students in this class will also receive additional help with their math study skills and test taking strategies. This course does not earn math credit. Students will receive credit for graduation.

21241-21242 Algebra I (Year; 1 unit)

Prerequisite: Teacher recommendation

Algebra I is a rigorous preparation for advanced mathematics, stressing both structure and development of problem-solving skills. It is designed for all students. Students develop mastery of the real number system and the language and symbolism of algebra. Equations, inequalities, polynomials, functions, graphing with special emphasis on problem-solving techniques, use of clear examples, abundant exercises, and consistent review make Algebra I both practical and vital for all students. (Calculators are required. TI-83 plus or TI-84 graphing calculators are recommended. TI-89 calculators are not allowed in this course.)

21257-21258 Geometry X (Year, 1 unit)

Prerequisite: Algebra I

This course is designed for students who successfully completed Algebra X. All topics in **Geometry** are included. There is an emphasis on problem-solving, applications, and hands-on activities. Required: scientific calculator, ruler, compass, protractor.

21251-21252 Geometry (Year; 1 unit)

Prerequisite: Algebra I

This course includes plane, spatial, transformational, and coordinate geometries. It emphasizes logical thinking and applies algebraic concepts to geometric figures. Topics covered include angles, lines, planes, triangles (including special properties of congruent, similar and right), circles, areas, solids, volume, transformations, and geometry on the Cartesian plane. Geometric constructions are explored and algebra skills are maintained throughout the year. (A compass, ruler and calculator are required. TI-83 plus or TI-84 graphing calculators are recommended. TI-89 calculators are not allowed in this course.)

21255 Geometry R (Semester, ½ unit)

Prerequisite: Algebra I

The content is the same as regular 1st semester Geometry, but the learning plan is individualized, so each student can spend time on the concepts she/he needs to review. New projects have been designed so students can see real life applications without repeating the same activities from the previous semester.

21261-21262 Honors Geometry (Year: 1 unit)

Prerequisite: Algebra I; department recommendation

This rigorous course includes plane, spatial, transformational, and coordinate geometries. It emphasizes logical thinking and applies algebraic concepts to geometric figures. Topics include types of polygons and 3-D solids, congruent and similar figures, circles, area, volume, transformations, and geometry on the Cartesian plane. Applications of geometry will be explored via required projects and geometric constructions. The pace is rapid and algebra skills will be strengthened while studying geometry deeply and thoroughly. Extra study time is needed for this course. (Calculators are required. TI-83 plus or TI-84 graphing calculators are recommended. TI-89 calculators are not allowed in this course.)

22241-22242 Algebra II / Trigonometry (Year; 1 unit)

Prerequisite: Geometry

This second course in algebra contains three quarters of advanced algebra and one quarter of trigonometry. Mastery of Algebra I topics is expected and new topics such as higher degree equations, complex numbers, and logarithms are included. The use of the graphing calculator is essential and enhances the study and understanding of concepts in this course. An introduction to trigonometry includes an emphasis on notation, definitions, use of tables and calculators, and the fundamental identities. Students should allow extra study time in their schedules for this course. (Graphing calculators are required. TI-83 plus or TI-84 graphing calculators are recommended. TI-89 calculators are not allowed in this course.)

22251-22252 Honors Algebra II / Trigonometry (Year; 1 unit)

Prerequisite: Geometry; department recommendation

This rigorous second course in algebra contains three quarters of advanced algebra and one quarter of trigonometry. Mastery of Algebra I topics is expected and new topics such as higher degree equations, complex numbers, and logarithms are included. Additional topics such as sequences and series are included in Honors Algebra II. The use of the graphing calculator is essential and enhances the study and understanding of concepts in this course. Students should allow extra study time in their schedules for this course. (Graphing calculators are required. TI-83 plus or TI-84 graphing calculators are recommended. TI-89 calculators are not allowed in this course.)

22260 Trigonometry (½ year: ½ unit semester course)

Prerequisite: Algebra II/Trigonometry or Honors Algebra/Trigonometry; teacher recommendation

This course provides an in-depth study of trigonometry including a multitude of applications using trigonometry that cannot be done in the trigonometry section of Algebra II/Trig course because of time constraints. Students suited for the Trigonometry class typically need to see the usefulness and relevance of mathematics in real world contexts. The course relies heavily on the use of available technology for exploration and problem solving. Material covered in this course will provide additional opportunities for students as they prepare to take university placement tests and university level math courses. (Graphing calculators are required: TI-83 plus or TI-84 are recommended. TI-89 calculators are not allowed in this course.)

23241-23242 Pre-Calculus (Year; 1 unit)

Prerequisite: Algebra II/Trigonometry

This course focuses on functions (trigonometric and others) and analytic geometry with explorations using the graphing calculator. To master the course, students must demonstrate problem solving abilities with algebra, trigonometry, analytic geometry, discrete mathematics, and functions of real numbers. This course is designed to prepare students for courses in either discrete mathematics or calculus. Technology is an integral component of Pre-Calculus. (Graphing calculators are required: TI-83 plus or TI-84 are recommended. TI-89 calculators are not allowed in this course.)

23251-23252 Honors Pre-Calculus (Year; 1 unit)

Prerequisite: Algebra II/Trigonometry; department recommendation

Honors Pre-Calculus is a rigorous study of functions and analytic geometry with investigations using the graphing calculator. To master the course, students will need to demonstrate problem solving abilities with algebra, trigonometry, analytic geometry, discrete mathematics, and functions of real numbers. Technology is an integral component of Honors Pre-Calculus. An introduction to calculus is a special feature of this course. (Graphing calculators are required: TI-83 plus or TI-84 are recommended. TI-89

calculators are not allowed in this course.)

24230 Applied Statistics (1/2 year: 1/2 unit)

Prerequisite: Algebra II/Trigonometry or Honors Algebra II/Trigonometry; teacher recommendation

Applied Statistics is a non-AP alternative for juniors and seniors who are interested in an introduction to the important topics of statistics. The course emphasizes a data analysis approach, focusing on statistical thinking behind data gathering and interpretation. By engaging in the curricular objectives, students will gain numerical literacy skills, become more discerning consumers of statistics, and direct their focus at what the numbers from surveys, election polls, and medical studies are really saying. Students suited for *Applied Statistics* typically need to see the usefulness and relevance of mathematics in real world contexts. The course relies heavily on the use of available technology for data analysis. (Graphing calculators are required: TI-83 plus or TI-84 are recommended. TI-89 calculators are not allowed in this course.)

24241-24242 AP Statistics and Probability (Year; 1 unit)

Prerequisite: Algebra II/Trigonometry or Honors Algebra II/Trigonometry; teacher recommendation

This course, designed for college-bound students, is an introduction to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Successful performance on the AP examination satisfies the typical statistics requirement for college majors such as social science, health sciences, and business. For students who intend to major in mathematics, science, or engineering, the content of AP Statistics is a solid preparation for upper-level calculus-based college statistics. This course follows the College Board Advanced Placement Syllabus and students are encouraged to take the Advanced Placement exam in May. *This course carries the honors/advanced G.P.A. weighting.* (Graphing calculators such as a TI-83 Plus, TI-84, or the TI-89 are required.)

24251-24252 AP Calculus (Year; 1 unit)

Prerequisite: Pre-Calculus; department recommendation

This course covers both differential and integral Calculus and is comparable to one and one-half semesters of calculus at the college level. The amount of study time needed will also be comparable to a college level course. Students should plan their schedules accordingly. Study groups are highly recommended throughout this course. This course follows the College Board Advanced Placement Syllabus and students are encouraged to take the Advanced Placement exam in May. This course carries the honors advanced G.P.A. weighting. (Graphing calculators are required: TI-89 is recommended.)

24255-24256 AP Calculus BC (Year; 1 unit)

Prerequisite: AP Calculus AB and teacher recommendation

A review of AP Calculus AB is included in this course. Additional topics include: parametric, polar and vector functions, polynomial approximations and series. The course is intended to be challenging and demanding. Broad concepts and widely applicable methods are emphasized. The focus of the course is neither manipulation nor

memorization of an extensive taxonomy of functions, curves, theorems or problem types. Thus, although facility with manipulation and computational competence are important outcomes, they are not the core of this course. It is expected that all students take the AP Calculus BC test in May for college credit. Instruction is based on the TI-89 calculator.

22261-22262 Problem Solving with Computer Programming (Year; 1 unit)

Prerequisite: Algebra I

This course is a study of the fundamentals of computer programming and computer science with a focus on developing problem solving skills. Students will be introduced to several computer languages, their syntax, principles of program design, and debugging strategies. Coursework will include written assignments and tests, computer lab activities, and programming projects. Students who complete this class will be prepared for AP Computer Science and first-year university level programming classes.

22281-22282 AP Computer Science

Prerequisites: Problem Solving with Computer Programming and Algebra II/Trig or concurrent enrollment in Algebra II/Trig, teacher recommendation

To meet the growing need for a technical society AP Computer Science is designed to have students develop useful computer programs and students will be introduced to other important concepts in computer science, including development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. This course follows the College Board Advanced Placement Syllabus and students are encouraged to take the national College Board exam in May. This course carries the honors advanced G.P.A. weighting.

SCIENCE

Science Essential Learner Outcomes

- Students will have a working knowledge of science and social, technological and environmental impact on their lives.
- Students will have a working knowledge of the processes and techniques, methods, equipment, and available technology of science.
- Students will have a working knowledge of the concepts of biological science and its impact on life and work in contemporary society.
- Students will have a working knowledge of the concepts of earth science and its impact on life and work in contemporary society.
- Students will have a working knowledge of physical science and its impact on life and work in contemporary society.
- Students will have a working knowledge of some of the concepts of earth science and its impact on life and work in contemporary society.

31311-31312 Introductory Physical Science (Year; 1 unit)

Prerequisite: Sophomore standing; concurrent or prior enrollment in Algebra I

In Introductory Physical Science students will have an opportunity to become familiar with laboratory equipment and techniques; to observe, collect, and organize information gained from experiments; and to interpret and draw meaningful conclusions from topics in chemistry and physics. IPS should help prepare those who choose to study biology, chemistry, and physics in the future. Scientific calculators are required.

31321-31322 Fundamentals of Physical Science/Physics (Year; 1 unit)

31323-31324 Fundamentals of Physical Science/Chemistry (Year; 1 unit)

Prerequisite: Sophomore or Junior standing. These courses will be offered in alternate years.

Fundamentals of Physical Science will provide the opportunity to become more familiar with basic physics and basic chemistry concepts. Students observe demonstrations, participate in laboratory work, and use supplementary materials to study the physical world in which we live. Topics include motion, forces, energy, electricity, magnetism, light, sound, chemical reactions, solutions, and acids and bases. Math is a substantial part of these courses. Problem solving using equations and formulas is required. ***This class is treated as a basic level course for GPA calculations.*** (A regular calculator and a ruler are required)

32311-32312 Biology I (Year; 1 unit)

Prerequisite: Freshman Standing

Biology includes the study of science as investigation, cell structures and processes, the survey of living things, investigating both their similarities and differences, change of living things through time, transmission of traits from generation to generation, living things in relation to their environment. Microorganisms, plants and animals will also be studied. Laboratory activities will frequently be used to illustrate the concepts to be learned. This course has frequent supplemental reading and daily homework assigned.

32321-32322 Fundamentals of Biology (Year; 1 unit)

Prerequisite: Freshman Standing

Students will study how living things function in relation to their environment, cellular structure and function, how traits are passed to new generations, how living things change through time, how the various living things are similar and different, and how body systems helps living things. Biology content will relate to technology and to the students' life experiences. Laboratory work will be used whenever possible to supplement the course work. This course may be appropriate for those who find science interesting but have difficulty with science. This course is not recommended for those who plan to enter college or nursing. ***This class is treated as a basic level course for GPA calculations.***

32341-32342 Honors Biology I (Year; 1 unit)

Prerequisite: Freshman standing, completion of Algebra I, concurrent or prior enrollment in Geometry or Honors Geometry, high school science department permission

Honors Biology I is an in-depth and fast paced approach to biology with frequent supplemental reading and daily homework assigned. Individual and group projects are also assigned to further investigate certain subjects. Topics to be covered include molecular and cell biology, introductory biochemistry, genetics—individual and population, continuity and diversity of life, survey of the six kingdoms, body systems, and ecological interactions. The topics and depth of coverage will offer a rigorous and challenging introductory life science course for the student who possesses advanced math and reading skills.

32351-32352 Biology II: Anatomy and Physiology (Year; 1 unit)

Prerequisite: Minimum C average in Biology I and IPS or Chemistry.

This course is designed for the average to above average student. This course gives students a good foundation in human anatomy and physiology. Topics covered include the body systems, major physiological interactions, and human diseases. *District Network and Internet Access are required.*

32361-32362 Environmental Science (Year; 1 unit)

Prerequisite: Minimum C average in Biology I and IPS, Chemistry, or Physics

Students will investigate how current human activities are resulting in harmful environmental impacts and the changes that must be made to attain a sustainable world. This course is designed for the student who has a high interest in these issues. It involves lab work and project work, and is geared for the average or above average student.

32381-32382 AP Environmental Science (Year; 1 unit)

Prerequisite: Biology I, Chemistry I, and Geometry; department recommendation

Topics to be covered are scientific analysis, interdependence of earth's systems, human population dynamics, renewable and non-renewable resources, environmental quality, global changes and their consequences, society and decision-making vs. trade-offs, and environmental choices for the future. The main goal is to educate students about the relative risks associated with the environmental problems and to examine alternative solutions for resolving and/or preventing them. This course follows the College Board Advanced Placement Syllabus, and students are strongly encouraged to take the College Board exam in May. Please see the section at the beginning of this guide concerning AP exams.

32391-32392 AP Biology II (Year; 1 unit)

Prerequisite: A's in Biology I and Chemistry I, B average in Honors Biology I and Honors Chemistry I;

This second year course prepares students for the AP Biology exam. Topics to be covered include biochemistry, cells, genetics, evolution, survey of kingdoms monera, protista, and fungi, plant, and animal diversity and classification and ecology. This course follows the College Board Advanced Placement Syllabus and students are strongly encouraged to take the national College Board exam in May. Please see the section at the beginning of this guide concerning AP exams. *District Network and Internet Access are required.*

33311-33312 Chemistry I (Year; 1 unit)

Prerequisite: Geometry or concurrent enrollment

This is a laboratory-oriented course where students will learn new skills and techniques as they study first year chemistry. They will be introduced to the shorthand of chemistry as they learn to use chemical formulas and equations. Chemical properties will be related to atomic structure as students learn to use the periodic table of the elements. Stoichiometry, qualitative analysis and nuclear chemistry will be introduced.

33331-33332 Honors Chemistry I (Year; 1 unit)

Prerequisite: Honors Biology or Biology I; high school science department recommendation and concurrent enrollment in Algebra II & Trigonometry

This first year laboratory-oriented course is designed to prepare highly motivated students for the second year AP Chemistry course. Topics will be explored through teacher demonstrations, laboratory exercises, and student problem-solving activities. The student will be introduced to the shorthand of chemistry as they learn to use chemical formulas and equations. Chemical properties will be related to atomic structure as students learn to use the periodic table of the elements. Stoichiometry, qualitative analysis, thermodynamics, and nuclear chemistry will be introduced.

33391-33392 AP Chemistry II (Year; 1 unit)

Prerequisite: Grade of B or better in Chemistry I or Honors Chemistry I; Physics I or Honors Physics I or concurrent enrollment

This laboratory-oriented course explores the concepts normally taught in a collegiate general chemistry course. The laboratory investigations are used to initiate and reinforce concepts in various topics in chemistry. These include acid-base chemistry, thermodynamics, molecular geometry, organic chemistry, electrochemistry, stoichiometry, and kinetics. This course follows the College Board Advanced Placement Syllabus and students are strongly encouraged to take the national College Board exam in May. Please see the section at the beginning of this guide concerning AP exams. Formal study of new concepts end at spring break. Students will prepare for the advanced placement examination from spring break until early May. Students will work on special projects for the remainder of the year. Students planning careers in medicine, engineering, environmental sciences, physics, or chemistry should carefully consider the advantages of this course. Students completing this course have a competitive advantage in the general chemistry college course required in these majors.

34311-34312 Physics I (Year; 1 unit)

Prerequisite: Geometry

Physics includes the study of motion, forces, energy, heat, light, electricity and magnetism. Each topic is explored through laboratory exercises, teacher demonstrations and student problem-solving exercises. Physics will help explain the natural world by answering such questions as: Why are astronauts weightless?; At what angle should a cannon be aimed to achieve maximum range?; Why is the sky blue?; and many others. Physics is necessary for any student considering a career in any area of science or engineering. (Scientific calculators are required.)

34331-34332 Honors Physics I (Year; 1 unit)

Prerequisite: Algebra II-Trigonometry or concurrent enrollment

This course is for those who anticipate a career in the physical sciences or have a high science interest level. It is basically theoretical in approach and uses a lecture-laboratory procedure to pursue the basic concepts of physics. (Scientific calculators are required.)

34391-34392 AP Physics II (Year; 1 unit)

Prerequisite: Honors Physics or Physics I; and concurrent enrollment in Honors Pre-Calculus or Calculus or by a special consideration by the science faculty.

Physics AP is a lab-based, student-centered course for students interested in receiving college credit through the AP program. The course follows the College Board Advanced Placement Syllabus, and students are encouraged to take the AP exam in May. In general, students interested in medical, engineering, or science related careers take this class.

Calculus, Vector methods (multiplication and addition), and algebra are the mathematical foundations of the course. Important mathematical techniques are introduced early in the course and are continuously reinforced as they are applied to topics in the various units.

The course emphasizes problem solving during laboratory work. This is accomplished by using an inquiry approach in which students identify experimental variables, design tests of these variables, and collect, organize and analyze data. Students are expected to keep a lab book that describes each lab activity, organizes data, and draws conclusions based upon interpretation of data.

SOCIAL SCIENCE

Social Science Essential Learner Outcomes

- Students will understand how human needs are satisfied based on cultural differences (economics, values, religion, life styles, race).
- Students will understand comparative political systems and the effect these systems have on the global, national, state, and local levels.
- Students will understand comparative economic systems and the effect these systems have on the global, national, state, and local levels.
- Students will understand the relevance of past events.
- Students will understand significant social institutions as exhibited by historical trends, personalities, movements, and technological innovations.

42421-42422 World History/Geography Fundamentals (Year; 1 unit)

Prerequisite: None

The student will receive a survey of significant cultural and historical events occurring in world history. In addition, the course will develop a sound foundation in world geography, including political and global awareness. Geographic literacy is a necessary skill in this rapidly changing and expanding world community. Geographic skills include map-work, location of cities, major rivers, capitals, and countries. This course is for students with below average reading ability. *This class is treated as a basic level course for GPA calculations.*

41431-41432 World History (Year; 1 unit)

Prerequisite: None

This course is intended to acquaint students with the major periods of the history of western civilization and the non-western world. From the Renaissance through the rise of nation states, from the Napoleonic Era through the Industrial Revolution, from World Wars I and II to the present day, the students will have the opportunity to explore and/or investigate many fascinating people, places, and events.

43421-43422 American History Fundamentals (Year; 1 unit)

Prerequisite: World History or World History/Geography; sophomores may take this course with the approval of their World History teacher.

Units to be studied will include A New World and A New Nation, Growth and Change, Nationalism and the Civil War, The U.S. as an Industrial Nation, Crisis and Reform, American Involvement (1880-1939) and The United States into the 1990's. The course places emphasis upon reading and the chronological discipline of history. This course is for students with below average reading ability. *This class is treated as a basic level course for GPA calculations.*

43411-43412 American History (Year; 1 unit)

Prerequisite: World History; sophomores may take this course with the approval of their World History teacher

This course will be a basic comprehensive and chronological discipline of twentieth century American history. The standard units may include: the Progressive Movement, U.S. Imperialism and World War I, the Roaring Twenties, The Great Depression and the New Deal, World War II and the Cold War, the Civil Rights Movement, the Vietnam Era and the downfall of American society, the Carter and Ford years, and the Conservatism of the Reagan Era.

43491-43492 AP American History (Year; 1 unit)

Prerequisite: World History; concurrent enrollment in either Sophomore or Junior Honors Literature/Composition; Junior standing recommended

The units of study are chronologically arranged and extend from Colonial America and Puritanism to the present. Students will become familiar with divergent viewpoints concerning critical historical issues through an evaluation of a wide range of documents. In the analysis and exploration of these important issues, an emphasis is placed upon the development of interpretive and critical thinking and writing skills. Course requirements

include class discussion following extensive reading and writing assignments. This course follows the College Board Advanced Placement Syllabus and students are strongly encouraged to take the national College Board exam in May. Please see the section at the beginning of this guide concerning AP exams.

44420 American Government Fundamentals (Semester; 1/2 unit)

Prerequisite: American History or American History Fundamentals; Junior or Senior standing

This course will deal with the background, operation, and organization of the national, state, and local governments. A study will also be made of state and national constitutions, emphasizing the role of citizens and the duties and responsibilities that go along with that role. Students will be required to pass the U.S. and Illinois Constitution exams in order to receive credit for the class. This course is for students with below average reading ability. *This class is treated as a basic level course for GPA calculations.*

44410 American Government (Semester; 1/2 unit)

Prerequisite: American History; Junior or Senior Standing

This course will deal with the background, organization and operation of the central government of the United States. Democracy and dictatorships will be compared. Students will study state and national constitutions and how these impact on their daily lives, and will be required to pass the U.S. and Illinois Constitution exams in order to receive credit for the class.

44415 AP American Government (Semester; 1/2 unit)

Prerequisite: Junior or Senior Standing

This course will generally parallel the basic concepts covered in “American Government.”

These include the constitutional theories forming the basis of the United States government; political beliefs and behaviors; political parties, interest groups, and the mass media; the Congress, presidency, bureaucracy, and Federal courts; public policy; and civil rights and civil liberties. In addition, this course will provide the student with an analytical perspective on government and politics that will involve printed material, the internet, and state and local government resources. This course will follow the College Board Advanced Placement syllabus requiring students to complete a variety of reading and writing assignments. Students will be required to pass the U.S. and Illinois Constitution exams in order to receive credit for the class. Students are strongly encouraged to take the national AP U.S. Government and Politics exam in May. *Please see the section at the beginning of this guide concerning AP exams.*

44430 African-American Studies in History (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing; Sophomores with teacher recommendation

This course acquaints students with the history, literature, art and music of Africa, the West Indies, South America and the United States. Emphasis is placed on providing information about social, economic and political problems that confront African-Americans in the United States today.

44440 Multicultural Studies (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing; Sophomores with teacher recommendation

This course will focus on the contributions and perspectives of African Americans, Asian Americans, Hispanic/Latino Americans, Native Americans, and other cultures. Emphasis will be on the impact these individuals have on current conditions and policies that are critical to students' understanding and appreciation of the diverse cultures that play a significant role in the United States.

44450 Economics (Semester; 1/2 unit)

Prerequisite: American History or American History Fundamentals; Junior or Senior Standing

Economics is the study of what a country makes and uses, of how business firms are organized, and how prices of goods and services are determined. Economics also deals with money, income, how the supply of money affects prices, and what causes the nation's income to rise and fall. Insurance, taxation and unions will also be covered. This course meets the state consumer education requirement.

81880 Consumer Economics (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing

This course is designed to enhance the student's consumer decision-making skills as he prepares to enter college or the world of work. Practical topics such as planning a budget, maintaining a checking account, buying a car, buying insurance, using credit, renting an apartment, buying groceries, and paying taxes will be discussed. Students will learn to utilize consumer information to evaluate products and services available to them in the marketplace. **This course meets the Illinois State Consumer Education requirement, as well as receives ½ Social Science credit.**

44460 Sociology (Semester; 1/2 unit)

Prerequisite: Senior standing

This course includes an introduction to the field of sociology with an emphasis placed on human relationships, crime, drugs, alcohol, prejudice, social stratification and sex mores. Course work will be complemented by a field trip to a correctional center, guest speakers, surveys, role-playing and class discussion.

44470 Psychology (Semester; ½ unit)

Prerequisite: World History and American History This course introduces students to the science of psychology. It includes systematic and comprehensive coverage of basic concepts and principles, terminology, important trends in psychology research, and application of this research. Emphasis is placed on principles of sensation, perception, maturation, learning, motivation, emotion, and the physiological basis of behavior.

44481-44482 AP Psychology

Prerequisite: World History, American History, and American Government

The purpose of this course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the

major subfields within psychology. They also learn about the methods psychologists use in their science and practice. The aim of AP Psychology is to provide the students with a learning experience equivalent to that obtained in an introductory college psychology course. This course will follow the College Board Advance Placement syllabus requiring students to complete a variety of reading and writing assignments. The rigorous course syllabus and college level text both suggest that students who enroll should be highly motivated and intellectually curious. Please see the section at the beginning of this guide concerning AP exams.

HEALTH, PHYSICAL EDUCATION & SAFETY

51510-51520 Health & Physical Education 9 (Year; 1 unit)

Prerequisite: None

This course includes one semester of physical education and one semester of health education. In physical education, the student is introduced to a variety of activities in individual and team sports. The activities include soccer skills, track and field, fitness, introduction to weight training, basketball, volleyball, and swimming. In health education, the student studies such topics as consumer health, mental health, diseases, survival and safety, substance use and abuse, human growth and development, and cardiopulmonary resuscitation.

** NOTE: State law requires that students must pass eight semester courses in the year prior to taking drivers education. In addition, each student must pass Health and PE 9 to be eligible for the course. Enrollment is also determined by the student's birth date. As a result, students not passing eight courses will not be able to take either the classroom or behind the wheel Drivers Education instruction until the summer following their second year, and then only if they passed eight courses in their second year.*

52511-52512 Safety and Physical Education 10 (Year; 1 unit)

Prerequisite: Health and Physical Education 9

This course provides a variety of individual and team sport. *During the fall semester, a six week classroom unit in drivers education is available by class availability and for those students who qualify.** Physical fitness testing, archery, flag football, volleyball, basketball, badminton, and aquatic games will be included in the course. In addition, a short tennis unit may be available in the spring semester. Students who qualify may elect to complete a three-week unit in the behind-the-wheel portion of Driver Education.* This unit will provide learning experiences that enable the students to learn to use motor vehicles safely and efficiently. Completion of the classroom and behind-the-wheel units will make students eligible to obtain a valid driver's license.

54511-54512 Physical Education 11-12 (Year; 1 unit)

Prerequisite: Safety and Physical Education 10

This class offers opportunities to participate in tennis, flag football, jogging, volleyball, basketball, and individual activities on a contract basis. These individual contracts may

be arranged if the student is in good academic standing. For example, a student might arrange to jog on the days that flag football is offered. A recreational approach to the activities allows for instruction and individual help for those who need or want it, and yet plenty of opportunity to play is available for those who do not need the instruction and want more playing time.

54513-54514 Physical Education 11-12 (Weight Training) (Year; 1unit)

Prerequisite: Safety and Physical Education 10; selection through application process, C or better in Physical Education 10

This class is an alternative to regular Physical Education 11 and 12 and introduces students to weight training as a method of lifelong fitness. The course includes proper instruction in lifting, safe muscular development, and safety aspects associated with weight training. The class incorporates units including cardiovascular and muscular development, body fat, flexibility, and strength through a balanced program of anabolic and aerobic work.

BUSINESS AND APPLIED TECHNOLOGY

BUSINESS AREA

61101-61102 Basic Keyboarding (Year; 1 unit)

Prerequisite: None; this course is designed for the special needs student

The purpose of this course is to provide special needs students with the opportunity to learn the "touch" method of keyboarding on modern electronic office equipment. Emphasis is placed on developing good technique for personal and vocational use, rather than speed. The students will learn to operate a keyboard with good techniques, to strike the keys using the "touch" method, to operate microcomputers, and to learn simple formatting. Introductory word processing functions will be taught. See note above concerning pass-fail option. *This class is treated as a basic level course for GPA calculations.*

61140 Computer Applications I (Semester; 1/2 unit)

Prerequisite: None

Students will master the keyboard by the "touch" method, become proficient with word processing software using Microsoft Word 2007, and enhance computer literacy including the use of the Windows 7 operating system with hands-on-activities. These skills will be used to format memos, personal business letters with envelopes, term papers with outlines, and attractive tables—all with a professional appearance. Proofreading techniques are introduced, as well as emphasis on spelling, punctuation, and capitalization. Using Microsoft Word efficiently and building speed and accuracy with our skill building software can help you acquire a skill you will value for a lifetime. *Students are advised that some colleges treat pass/fail grades as if they were a "C" or "D" while other colleges may not count such grades for admission purposes.*

61160 Computer Applications II (Semester, ½ unit)

Prerequisite: Computer Applications I

Keep up with changes in computer technology and be prepared for college and the business world by acquiring computer skills with the full suite of Microsoft Office 2007 application programs. Excel spread sheets, Access databases, Power Point presentations, and advance features of Microsoft Word are just some of the applications you will become familiar with in this course. Have fun preparing you own Photo stories and using Microsoft Publisher for desktop publishing. Be creative with Web 2.0 tools to enhance your digital photos, as well as experiment with other free online applications. Experience online testing with our SAM (Skills Assessment Manager) test –possibility earning a certificate at the “Expert” level in each program of the Microsoft Office Suite.

62111 Introduction to Business I (Semester; 1/2 unit)

62112 Introduction to Business II (Semester; 1/2 unit)

Prerequisite: None

Both of these lively courses provide an orientation to the world of business and the consumer in the American free-enterprise system. The instruction in the first semester of the class is devoted to teaching the student how to be a good consumer. Instruction in the second semester of the class is more focused on helping the student to understand how business works in relationship with the consumer. Topics covered throughout the year include the various forms of business ownership (including entrepreneurship), the different economic systems, banking, credit, insurance, income tax, keeping records, and business marketing. Students will create and manage their own business and will learn how to make solid consumer buying decisions. **Introduction to Business I semester course meets the Illinois State Consumer Education requirement.**

63121-63122 Accounting I (Year; 1 unit)

Preferred: Sophomore, Junior or Senior standing.

A vital part of every business organization is the accounting system that is used. Accounting is at the core of every business decision and is the heart and soul of a business. As future workers in a business, small business owners, and entrepreneurs, students who understand basic accounting principles can competently manage the financial resources of any company. As citizens, future parents, and investors, these students will be better prepared to make the economic decisions that will impact their communities and to make the financial decisions that will affect their own economic futures. This course will provide a complete coverage of the fundamental elements of double-entry accounting, checkbook reconciliation, managing payroll, and an extensive exposure to using the accounting software that facilitates data entry.

63131-63132 Accounting II and Finance (Year; 1 unit)

Prerequisite: Accounting I or Teacher Approval

This course is designed for students who plan on specializing in accounting and/or business finance and want get an early start on a career in the field of business. The student will learn how to use the computer as a tool to more easily work with advanced

accounting and investing. Computer technology will be used for solving advanced accounting problems and for making and keeping track of individual and business finances. Advanced accounting skills including departmentalized accounting and corporate accounting using accounting software will also be covered. In addition, students will learn how individuals and businesses invest money, set up accounting programs to track gains/losses, and use technology to decide which investments are best.

64110 Business Law (Semester; 1/2 unit)

Prerequisite: Sophomore, Junior, or Senior standing with a "C" in regular or Honors English.

This course consists of information about the origin and development of our laws and our court system, how contracts are made, the law regarding breach of contract and recovery from damages. The curriculum also includes civil and criminal law, and family law. This course will cover consumer protection under warranties and when possible students will be able to participate in a full-day field trip.

64130 Web Page Design and the Internet (HTML and JavaScript) (Semester; 1/2 unit)

Prerequisite: Computer Applications

This is a semester course designed to give students an in-depth knowledge of Web page design, Web site construction, and Java programming using HTML, Java, and JavaScript. Students will study Web site design and create original Web sites. Using HTML, Java, and JavaScript, students will create and maintain personal Web sites and assist in creating Web sites for District 87 and other companies. The student will also study the main features of the Internet and how to efficiently access the Internet for quality information.

ACC 76011-76012 Digital Electronics/ A+ Computer Repair

Prerequisite: Junior or Senior standing and approved application

Digital Electronics Semester 1

Digital Electronics focuses on advanced digital electronic theory, applications and is aligned with standards of *Project Lead the Way*. Students will study solid state devices leading to an investigation of digital logic concepts and computer circuit fundamentals including binary and hexadecimal number theory. The students will explore TTL and CMOS logic gates, encoders/decoders, latches, flip-flops, counters, registers, memories, and arithmetic logic units while using them in laboratory breadboard circuits and electronic simulation. In addition, students will build a digital electronic kit and program Boe-Bot robots. This course is recommended for serious, college-bound students with average or above math skills and an interest in science and engineering.

A+ Computer Repair Semester 2

The Computer Repair/A+ Certification course is designed to equip both novice and experienced students with entry-level computer technician proficiencies. The course is aligned with the industry standard CompTIA A+ Certification objectives for hardware and software which are covered over one semester. Students will become adept with key computer hardware architecture components like the motherboard, processor, memory, drives, networks, power supplies and peripheral devices. Additionally, students will

install, configure, and troubleshoot the significant operating systems utilized today. Significant lab time is provided to offer the student authentic hands-on experiences in working with computers. The course is recommended for students who enjoy computers and/or students who might have a career interest in Information Technology leading to a professional certification. Further information about the CompTIA and the course objectives can be found at www.comptia.org.

This program pathway A+ Computer Repair/Digital Electronics is Articulated with Heartland Community College. ELTC 102 DC ELECTRONICS AND NETW 151 PC HARDWARE MAINTENANCE & REPAIR (6 credit hours) is obtained after completion at BACC with a B and applying at Heartland College.

ACC 76021-76022 Cisco Networking (Year; 2 units)

Prerequisite: A+ Computer Repair/ Digital Electronics

Students enrolled in this course will follow the Cisco Certified Network Associate (CCNA) certification. Students will become adept with key computer networking hardware topics like topologies, cabling, NIC's, hubs, switches, and routers. Additionally, students will orient themselves to networking software topics like the OSI model, protocols, TCP/IP, network operating systems, network security, and troubleshooting. The course follows an industry-recognized curriculum and is recommended for students who enjoy computers and/or students who might have a career interest in Information Technology leading to a professional certification.

This program is Dual Credit with Heartland Community College – College Credit and transcript will be obtained upon completion of this course – it is equivalent to NETW 121 CISCO NETWORK ACADEMY I AND NETW 122 CISCO NETWORK ACADEMY II (6 credit hours) at Heartland Community College.

ACC 76411-76412 Employment Prep/Internship I (Year, 2 units)

76421-76422 Employment Prep/Internship II (Year, 2 units)

Prerequisite: Junior or Senior standing and approved application

Employment Prep/Internship I

This course provides students with skills to obtain an entry-level job, as well as to keep and grow on that job. Paid on-the-job experiences are obtained by working in area businesses including, but not limited to: State Farm Corporate and Regional Offices, AFNI, retail stores, various medical facilities, certain service establishments and other businesses requested by the student. These experiences are combined with classroom theory giving students fundamental knowledge relating to work and work issues. Students are encouraged to participate in Skills USA on the local, state and national levels. This course is open to all students of junior or senior status who are 16 years of age, who have an acceptable attendance record and who have demonstrated a willingness and desire to be successful on the job. Successful completion of this class satisfies the Illinois State Consumer Education requirement and offers a PE exempt. Whatever your career interest, you can enjoy opportunities that come with working alongside professionals who can help you learn more about your field of interest.

Employment Prep/Internship II

Prerequisites: Successful Completion of Employment Prep/Internship I

Students in this sequence will enhance skills and continue building upon those learned in Employment Prep/Internship. More advanced on-the-job experiences are obtained by working in area businesses. These experiences are combined with classroom theory giving the student working knowledge of employment from a managerial point of view. Students will earn income while working in a career of their choice and will connect more directly with that profession. Continued professional growth through Skills USA projects is encouraged.

This program is Dual Credit with Heartland Community College – College Credit and transcript will be obtained upon completion of this course – it is equivalent to BUSN 145 WORKFORCE PREPARATION (1 credit hour) at Heartland Community College.

INDUSTRIAL TECHNOLOGY AREA

72701-72702 Basic Materials Technology (Year; 1 unit)

Prerequisite: None

This course is designed to give to the student an opportunity to experience a variety of different industrial technology subjects. This class is a hands-on class. Subject areas that will be covered include Drafting, Metals, Construction, Graphics, Computer Aided Drafting, Basic Computers, and Small Engines. This curriculum is intended to help the student make informed choices about subsequent Industrial Technology courses. First semester, student emphasis will be on the Drafting and Metals Occupational areas. Students will learn how to perform sketching and mechanical drawing using drafting tools. Students will also learn how to use hand and power tools and to perform stick welding, sheet metal layout and measure to within 1/16 of an inch in a safe environment. Second semester, students will explore the Construction, Graphics, Computer Assisted Design, Basic Computers, and Small Engines Occupations. Student emphasis will be on safety, hand and power tools used in construction, Desktop Publishing and Digital Photography in Graphics, Auto CAD, hardware and software used in basic computers and parts of a small engine.

72731-72732 Graphic Communications (Year; 1 unit)

Prerequisite: None. Computer Applications and/or basic computer knowledge is helpful

This course includes advancement in computer based graphic design and is organized to provide the student with experience in the prepress activities necessary for the completion of printed material. The trend toward non-printed material will be examined by providing experiences in presentation programs and in the use of internet for information as well as home page development. Students will develop skills designing a wide variety of forms, ads, newspapers, newsletters, and logos. Additional activities will include using the internet for research and graphic presentations.

72771-72772 Energy and Power (Year; 1 unit)

Prerequisite: None

This course is designed to provide an introduction to the fields of Energy and Power through technology and engineering concepts. Elements of design including sketching and 3D digital software are used. The students will participate in the construction of several power related projects including a compressed air powered car, control circuits, and alternative energy devices. Math and science concepts and procedures are reinforced with these projects. Electricity will be studied through experiments and projects. The students are required to keep a notebook of class notes as well as complete assignments and projects. The course is intended to show students how their study of math, science, reading and writing are used in today's world.

72781-72782 Introduction to Engineering Design (Year; 1 unit)

Prerequisite: Algebra 1 recommended or taking concurrently. Basic computer knowledge is helpful.

This is a Project Lead the Way course with a focus on Modeling and CAD designed for both male and female students interested in how computer modeling software is used in problem solving. Using a design development process, models of product solutions are created, analyzed and communicated using solid modeling computer design software. Toward the end of each unit, a design activity follows.

72791-72792 Principles of Engineering (Year, 1 unit)

Prerequisite: Algebra 1 recommended or taking concurrently. Basic computer knowledge is helpful

This course is a broad based survey course designed to help the student better understand the field of engineering and engineering technology. The student will participate in the design, development, construction, and testing of several projects. Projects will include a marble sorter, ballistics launcher, simple machines, bridges, and materials testing. The student's learning is enhanced through the use of programming, modeling, static engineering, and materials testing software. Math and Science concepts/methods are introduced and reinforced. The student will also do research projects using the internet and other sources. Microsoft Office programs such as word, excel, power point are also used in this class.

ACC 75911-75912 Computerized Architectural Design (Year; 2 units)

75921-75922 Civil Engineering & Architecture (Year; 2 units)

Computerized Architectural Design

Prerequisite: Pre-Engineering course is helpful

Students enrolled in this course will develop architectural drafting plans and detailed drawings. Two-dimensional and three dimensional computer aided drafting skills are taught using two Autodesk software packages: Revit and Architectural Desktop. Students

will learn about building ordinances and materials which help those interested in other trades within the Architectural, Engineering, and Construction (AEC) industry. This class is recommended for any student who is considering a career in architecture, landscape architecture, civil engineering, urban and regional planning, and commercial and industrial designing.

This program is Dual Credit with Heartland Community College – College Credit and transcript will be obtained upon completion of this course – it is equivalent to CAD 101 INTRO TO AUTOCAD AND TECH 114 INTRO TO TECHNICAL GRAPHICS (6 credit hours) at Heartland Community College.

Civil Engineering & Architecture:

Prerequisite: Pre-Engineering course is helpful

This *Project Lead the Way* course is designed for both female and male students wishing to further develop skills in 3D Computer Architectural Design (CAD) and drafting; as those skills apply to Architecture, Engineering and Construction (AEC). Project Lead the Way is a nationally recognized high school Pre-Engineering curriculum. The 3D environment and the rendering of architectural and mechanical drawings are emphasized. Students will have the opportunity to work with community projects. Previous community projects include BHS Student Center, Nu-Way Distribution Center and the Magill Hotel on Clinton Square. The Illinois Workplace Skills will continue to be emphasized as part of the instruction to enable students to successfully prepare for post secondary education or employment opportunities.

This program pathway Civil Engineering & Architecture is Articulated with Heartland Community College. CAD 233 RESIDENTIAL ARCHITECTURE (4 credit hours) is obtained after completion at BACC with a B and applying at Heartland Community College.

ACC 75211-75212 Automotive Technology I (Year; 2 units)

75221-75222 Automotive Technology II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Automotive Technology I

This course is designed to prepare students for an entry level job or advanced training in the automotive service and technology field. Students will develop skills in the design, operations, and diagnostic procedures of the gasoline engine. In addition, all aspects of the vehicle will be covered, including rear braking systems, ABS, engine theory, fuel injection, modern computer controls and emissions. Students will perform automotive service work with an emphasis on shop operating safety procedures.

Automotive Technology II

Prerequisite: Successful Completion of Automotive I

Students will enhance the skills learned in Automotive Technology I as well as develop new skills. Students will learn to use advanced tools and equipment through hands-on experience with the latest technology in the automotive industry. Specific topics that will be covered in depth include engine breakdown, and manual and automatic transmissions. The students will perform automotive service work with an emphasis on shop operating safety procedures.

ACC 75611-75612 Construction Trades I (Year; 2 units)

75621-75622 Construction Trades II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Construction Trades I Course Description:

This course provides an opportunity for students who are planning on entering a post secondary educational program in construction or enter into the workforce at entry level. The focus of the class is the construction by the students of a residential home, with emphasis on foundations, framing, exterior and interior finish and roofing. Students will develop workplace skills in basic math, hand and power tools, basic blueprint reading, safe work habits, proper job attitudes, technical jargon and learn about the wide variety and opportunities in the field of construction.

This program is Dual Credit with Heartland Community College – College Credit and transcript will be obtained upon completion of this course – it is equivalent to CNST 101 BUILDING CONSTRUCTION BASICS (3 credit hours) at Heartland Community College.

Construction Trades II Course Description:

Prerequisite: Successful Completion of Construction Trades I

This course provides an opportunity for students who are planning on entering a post secondary educational program in construction or enter into the workforce at entry level. Students will enhance workplace skills in blueprint reading, mechanical systems, electrical wiring and construction estimating and scheduling, while developing leadership roles.

This program pathway Construction II is Articulated with Heartland Community College. TECH 110 BLUEPRINT READING FOR CONSTRUCTION (3 credit hours) is obtained after completion at BACC with a B and applying at Heartland Community College.

ACC 76111-76112 Digital Media I (Year; 2 units)

76121-76122 Digital Media II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Digital Media I

Are you interested in a career in art? Well here is a class for you. Students in this course will develop skills used by digital media artists, graphic designers, desktop publishers, and other members of the multimedia/communications industry. Students will be using industry standard software packages such as: Photoshop, Illustrator, Dreamweaver, Flash, Acrobat and more. Students will be introduced to drawing techniques, digital photography, page assembly, computer animation, multi-media, utilities, production and print technologies, such as; offset and screen-printing. Students will utilize the steps necessary to mass produce digital media designs. If you are considering a career in the Creative Services Industry this is the class for you!

This program is Dual Credit with Heartland Community College – College Credit and transcript will be obtained upon completion of this course – it is equivalent DMED 101 INTRODUCTION TO DIGITAL MEDIA (3 credit hours) at Heartland Community College.

Digital Media II

Prerequisite: Successful Completion of Digital Media I

Students in this class will receive intensive study in advanced digital media design, computer animation, and multimedia. Students will have the opportunity to establish a leadership role within the print shop, and partner with outside resources to create projects for distribution. This class is recommended for students who are considering a career in

the Creative Services Industry as well as preparing for post-secondary education.

This program pathway Digital Media II is Articulated with Heartland Community College. DMED 120 COMPUTER IMAGING & DESIGN (3 credit hours) is obtained after completion at BACC with a B and applying at Heartland Community College.

ACC 77111-77112 Criminal Justice & Law Enforcement I (Year; 2 units)

77121-77122 Criminal Justice & Law Enforcement II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Criminal Justice & Law Enforcement I

This program is designed to introduce students to various aspects of law enforcement and the legal system. Students will be introduced to the history of law enforcement, constitutional law, Illinois law, and the courts and legal system. Students will discover communication and dispatch operations, create reports, analyze records and criminal investigations, establish proper search and seizure procedures, and encourage community relationships. Students will also hear from various industry speakers who will expand on the multitude of career opportunities in the criminal justice field. Finally, students will participate in job shadowing experiences and develop law enforcement skills and ethics to enhance employability.

This program pathway Criminal Justice I is Articulated with Heartland Community College. CRJ 101 INTRO TO CRIMINAL JUSTICE (3 credit hours) is obtained after completion at BACC with a B and applying at Heartland Community College. This credit is accepted by HCC as CTE credit. Students transferring to a 4-year institution must take the HCC proficiency exam, administered through HCC's student services assessment center.

Criminal Justice & Law Enforcement II

Prerequisite: Criminal Justice & Law Enforcement I

Prerequisite: Successful Completion of Criminal Justice & Law Enforcement I

Students will have the opportunity to experience a variety of experiences through extended campus settings. Students will be introduced to police administration, a variety of management styles, interviewing techniques, preliminary investigations, police security services, pursuits, arrests and expand their knowledge of computer systems. Students will examine different avenues of criminal justice such as social work and probation, court reporting, and paralegal services. Finally, students will participate in job shadowing experiences and develop law enforcement skills and ethics to enhance employability.

ACC 77131-77132 Fire Science

Prerequisite: Junior or Senior standing and approved application

Fire Science year long; 2 units

This program allows students to explore and prepare for a possible career in Fire Service and as an Emergency Medical Technician (EMT). The course is taught by Professional Fire fighters. Technical and manipulative skills are presented. Those skills include, but are not limited to the following areas of study: Fire Behavior, Safety, Self-Contained Breathing Apparatus, Turnout Gear Use, Portable Fire Extinguishers, Ladders and Ladder Use, Fire Hose and Appliances, Building Construction, Forcible Entry, Ventilation, Water Supply, Nozzles and Fire Streams, Rescue, Fire Control, and Ropes and Knots. First Responder Training and certification is also included in the course.

FAMILY & CONSUMER SCIENCE AREA

81811-81812 Introductions to Family & Consumer Science (Year; 1 unit)

Prerequisite: None

This is a survey course in Family & Consumer Science that will offer experiences in clothing and textiles, food and nutrition, human development, interpersonal and family relationships. First semester will emphasize personal growth and foods and nutrition which will include food labs. Second semester will emphasize child development and textiles (fashion). Students must purchase their own fabric and supplies for the 4th quarter clothing projects.

81815 Exploration in Family and Foods (1 Semester, ½ unit)

Prerequisite: None

This an introductory course designed for students interested in the area of Foods & Nutrition and Child Development. Throughout the course students will be creating a portfolio to use as a future resource. Topics covered include: Nutrition for children, how to shop for the family, special diets, how to build a menu on a budget, how to shop for a family, how to grow your own food, how to make baby food and common concerns in raising children. They will build a portfolio of children activities and menus.

81816 Clothing Construction (1 Semester, ½ unit)

Prerequisite: None

This Introductory course provides students with the opportunity to study basic clothing construction. Students will create a portfolio that includes samples of different sewing techniques. Along with the portfolio students will learn how to read and follow a pattern in constructing a garment. Clothing purchase, care and repair along with the study of different textiles will also be explored to continue with the **Fashion** course.

81821-81822 Foods & Nutrition (Year; 1 unit)

Prerequisite: None

This course allows students to develop the skills necessary to plan and prepare nutritious meals and snacks. Experiences in the foods lab will help students learn proper cooking techniques and meal management while working in a group setting. In addition to a study of basic nutrition, special interest units may examine a variety of topics such as sports nutrition, ethnic cooking, cake decorating, and consumer product testing.

81840 Child Development (Semester; 1/2 unit)

Prerequisite: Sophomore standing

This course is the study of physical, cognitive, social and emotional development of children from conception to age three. Parenting decisions and preparations, heredity and genetics, developmental milestones, and childcare basics are explored. Application experiences are provided, including a pre-school that enables students to teach and observe the toddler.

81851 Fashion (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing

In this course, students will complete a simple bathroom bag, quilted wall hanging and community project for the area hospitals. They will research a designer of their choice and interview a store manager about current fashions. Student will also do a recycled garment project. Second quarter the students will select and create two garments along with an accessory. From these items the student will design a store. The project will include designing a store logo, shopping bag, and drawing out the store's layout. Students must purchase their own supplies, which includes fabric and sewing equipment.

81860 Parenting (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing; Sophomores with teacher or counselor recommendation

This course explores the responsibilities, rewards and stresses of parenthood. Emphasis will be placed on the way the parenting role changes as children grow from infancy through the teen years. Other topics that will be covered include childhood nutrition, teen pregnancy, and child abuse/neglect.

81890 Psychology of Living (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing

This course will create an atmosphere of frankness and acceptance through thought and discussion on the topics of human relationships. It is the study of the interaction between self and others in the environment including family, friends, employees, co-workers, roommates, marriage partners and children.

ACC 75511-75512 Culinary Arts I (Year; 2 units)

75521-75522 Culinary Arts II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Culinary Arts I

This course provides students considering a career in culinary arts and the food service Industry with classroom instruction and lab experiences to develop job-related competencies. Students start with basic sanitation, workplace safety and continue with instruction on food handling, preparation, quantity production, quality control, planning, operation, and presentation. Commercial quality food service equipment will be used to prepare food and provide hands-on instruction for each area of food study.

Culinary Arts II

Prerequisite: Successful Completion of Culinary Arts I

This course provides students with leadership opportunities and responsibility for food service management. Students in this class have the opportunity to cater many different events. Students have the opportunity to plan menus, select food, supervise food preparation, develop pricing strategies, order food, and maintain safety and sanitation, while mastering operation of all food preparation equipment. Students develop skills which will prepare them for post-secondary education and employment opportunities.

ACC 75411-75412 Early Childhood Care & Education I (Year; 2 units)

75421-75422 Early Childhood Care & Education II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Early Childhood Care & Education I

Students in this class will examine the responsibilities and characteristics of effective early childhood professionals. Students prepare the learning environment, plan and present lessons based on the Illinois Early Learning Standards, and observe children attending the BACC Preschool. Students will have the opportunity to obtain the Level 1 credential offered by the Illinois Early Care Professional Development Network. This credential is earned through 45 hours of class instruction and observation. The Level 1 credential is an essential part of the Illinois Department of Human Services Quality Counts Program and will enable the student to have more employment opportunities. This course is recommended for those students interested in pursuing a career in education, child care, or medical field.

Early Childhood Care & Education II

Prerequisite: Successful Completion of Early Childhood Care & Education I

This course will allow highly motivated students to develop leadership skills and responsibilities at the Early Childhood Care level. Students under the supervision of a certified staff member will create and present lessons, visual displays based on the Illinois Early Learning Standards. Students will focus more on the lead teacher/director level responsibilities of an Early Childhood Care facility. This course is recommended for those students considering a career in education, child care, social work, or in a medical setting.

This program pathway Early Childhood Care & Education is Articulated with Heartland Community College CHILD 102 GROWTH & DEVELOPMENT (3 credit hours) is obtained after completion at BACC with a B and applying at Heartland Community College.

ACC 75811-75812 Cosmetology I (Year; 2 units)

75821-75822 Cosmetology II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Do you want to learn how to braid, style, and perm long and short hair? Then this is the program for you. Students attend Hair Masters which is the only accredited cosmetology school in McLean County and is a Pivot Point Member School. While attending, students demonstrate competencies in two of the five classroom modules needed for the required Illinois State Board Exam. Students will focus on one module in the first year and another module in the second year. Students will also attend the Midwest Beauty Show in Chicago, IL where they are able to network with over 50,000 hair, skin, and nail professionals.

Module One will consist of styling hair in the wet and dry state. Students train on manikins while developing an understanding of the shape of the head. Students will observe different ways of styling long and short hair. These methods may include, braiding, curling, straightening, up and down styles, and many more. Students then practice these methods until they have mastered these techniques.

Module Two will consist of understanding the texture of the hair. This will include adding and removing texture to hair, as well as multicultural texture reformation. Students will observe different ways of perming using different chemicals and rod styles, and relaxing hair using different chemical relaxers. Students then practice these methods until they have mastered these techniques. All hours accumulated during the student's time at BACC Hair Masters Cosmetology are credited towards the completion of the 1,500 hour course and licensure.

Second year students may also attend extra hours on Saturday and attend night school to complete their certification early. The Bloomington Area Career Center will pay for one night school class and may pay for some Saturday hours.

This program pathway can be completed at Hairmasters where they will prepare you to take the Illinois State mandated exam.

FINE ARTS

82911-82912 Art I (Year; 1 unit)

Prerequisite: None

This is a basic fundamental of Art class. Through the study of drawing and design students will develop their abilities to understand and express visual art. Many techniques and media are explored through structured 2-dimensional and 3-dimensional units. (Purchase of additional materials may be required)

82921-82922 Art II (Year; 1 unit)

Prerequisite: Art I and/or department recommendation

This is a second level course for advanced art students who have completed Art I. Students will work a variety of media including: drawing, painting, ceramics, design fundamentals, printmaking, sculpture, and art history. Techniques and skills will be emphasized through self-expression, creativity and aesthetics. (Purchase of additional materials may be required)

82930 3-D Design I (Semester; 1/2 unit)

Prerequisite: None

Students will explore clay and its properties to create 3-dimensional art forms. Students will create functional as well as decorative forms works. Emphasis will be placed on vocabulary, construction techniques and craftsmanship as well as creative expression.

82940 3-D Design II (Semester; 1/2 unit)

Prerequisite: 3-D Design I and/or department recommendation

The second level course for experienced art students. Students will continue to explore media used to create 3-dimensional art forms. Students will create functional forms in ceramic (pottery) as well as decorative forms in sculpture (carving, construction, casting, or modeling). Emphasis will be placed on construction techniques and craftsmanship as well as creative expression.

82950 Printmaking and Design (Semester; 1/2 unit)

Prerequisite: Junior or Senior standing; Sophomores with teacher recommendation and/or one year of BHS Art credit

An art course that offers a combination of technological design skills and practical art making. Course content will focus on the preparation of artwork (digitally and manually) for the production of silkscreen printing and the creation of functional products such as posters, stickers, T-shirts and other commercial products created through the screen-printing process. (Purchase of specialized materials will be necessary)

82960 Drawing (Semester; 1/2 unit)

Prerequisite: Art II

Students will develop individual skills with many drawing media, such as pencil, crayon, charcoal, pastels, ink, and others. Attention will be given to drawing from observation, the design and fundamentals of composition, as well as development of personal style in drawing. (Purchase of specialized materials will be necessary)

82970 Painting (Semester; 1/2 unit)

Prerequisite: Art II

Students will develop individual skills with many painting media including watercolor, acrylic, tempera, and collage materials. They will also study art history and the development of painting styles. (Purchase of specialized materials necessary)

82981-82982 Senior Studio (Year; 1 unit)

Prerequisite: Departmental recommendation and four semesters of BHS Art credit

Through teacher supervision, eligible students will develop responsibility for their own process of creative development and individual initiative in a studio environment. While exploring more advanced concepts of visual organization and expression, studio students will create and compile a portfolio of their own artwork. The senior studio helps prepare the student for an art related career as well as for personal artistic growth and reflection. (Purchase of specialized materials will be necessary.)

82991-82992 AP Studio Art (Year 1 unit)

Prerequisite: Four semesters of art, including two advanced art classes and application through the art department

AP students will work independently to create a portfolio of work that is submitted to the AP College Board for evaluation at the end of the school year. In the first semester the course will be organized around a sequence of class assignments. The second semester is devoted to individual concentration of a project, the completion of earlier work and enough new work to meet all portfolio requirements. Students will make choices of medium, technique, style, form, subject and content in their artwork in consultation with the teacher. The student will produce either a General Portfolio or a Drawing concentration portfolio. Students enrolled in this course will need to allow extra time in their schedules for work outside of the classroom. At several points in the course, portfolios of cumulative work are due. Students failing to meet minimum expectations at these points may be transferred to the Senior Studio course, losing AP status and G.P.A. weighting. This course follows the College Board Advanced Placement Syllabus and students will submit a slide portfolio for review by the Board. (Students may incur additional costs.)

MUSIC

86911-86912 Band (Year; 1 unit)

Prerequisite: Elementary and Junior High School instrumental classes; band experience

The band is a marching unit much of the first nine weeks of each year appearing at football games, competitions, festivals and civic parades. It is a concert group the remainder of each year studying and performing a wide diversity of musical styles. The band may be divided according to abilities as the year progresses.

87911-87912 Orchestra (Year; 1 unit)

Prerequisite: Junior high school instrumental classes and orchestra experience

The orchestra meets as a string orchestra for the first nine weeks. The remainder of the year the group meets with both string and full concert orchestra instrumentation. The orchestra performs concerts, appears in festivals, and enters contests.

88911-88912 Concert Choir (Year; 1 unit)

Prerequisite: Recommendation of Junior High Choral Director or placement audition with the High School Director

This is the beginning chorus where the fundamentals of choral singing are introduced. The students learn a variety of music and musical styles and perform at selected concerts throughout the school year, both as a separate ensemble and as choir combined with the other school choruses. These selected seasonal concerts are required as part of the curriculum.

88931-88932 A Cappella Choir (Year; 1 unit)

Prerequisite: Enrollment by audition or recommendation only

This is the most advanced vocal ensemble in the school's curriculum, covering the widest range of musical genres from many cultures. This musical ensemble attends and performs at various festivals and contests throughout the school year; the ensemble will perform in seasonal concerts at the school as a part of the curriculum. Freshman boys, under special arrangements, may audition for this choir in 8th grade.

88941-88942 AP Music Theory (Year; 1 unit)

Prerequisites: grade 11 or 12, recommendation of ensemble director or private instructor, concurrent enrollment in BHS Band, Orchestra or Choir, and consent of the instructor. Students will be required to purchase a workbook (text provided).

This course is designed for students intending to major/minor in music education, music performance, music business or music therapy. The course is intended to cover the materials in the first two semesters of 100-level collegiate music theory, including scales, intervals, chords, modes, structure, rhythm, form, notation and compositional trends, and the historical rationale for each. Students will be able to use included composition projects and arrangements in a music portfolio that can aid in college application, and be applied towards collegiate music course credit. The end of the year includes participation in the AP-Music Theory examination.

SPECIAL EDUCATION

Special Education courses are offered for those students who have been identified and declared eligible for services through the I.E.P. process. *Courses within this department are treated as basic level courses for GPA calculations.*

90900-90917 Personal Responsibility Educational Program (P.R.E.P.) BD Self-Contained (Year; 1-5 units)

Prerequisite: Placement through I.E.P. process

The purpose of the P.R.E.P. program is to offer a structured setting that will facilitate the teaching of skills necessary in order to promote positive behaviors/school success and reduce negative behaviors/school failure. The focus of the program is to control the student's inappropriate behaviors to the extent that behavioral interventions have the opportunity to influence the student's behaviors. Students recommended for the P.R.E.P. program will have the opportunity through group and individual instruction to earn the necessary credits in order to meet BHS graduation requirements. A behavioral level system has been developed and progression through the system is contingent on mastery of behavioral objectives at each level.

91001-91002 Project Success (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This program is designed to aid identified students in fulfilling regular classroom requirements. Improving academic achievement through study skills enhancement and encouraging personal responsibility are goals of this course. Additionally, maintaining open lines of communication between school and home is emphasized.

91111-91112 Learning to Learn

Prerequisite: Placement through the IEP process

This course is designed for incoming freshman. It will introduce students to the rules and expectations at Bloomington High School. It will focus on acclimation of students to the high school learning environment. Students enrolled in this course will focus on the study skills and habits necessary for success at BHS. Test taking strategies and practice will be infused throughout. In addition, the utilization of technology skills will be addressed in order to enhance academic achievement.

91011-91012 English I (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This Freshman level course is designed to help students develop basic language-related study skills that are necessary for success in school. Emphasis is placed on oral and written language skills that will be used in everyday situations. Some work is done on functional reading skills.

91021-91022 English II (Year; 1 unit)

Prerequisite: English I

First semester basic reading skills will be reviewed with emphasis on vocabulary development and comprehension. Reading selections will be presented through use of media such as newspapers, magazines, and television. Second semester emphasizes basics for speech and functional communication. It aims to develop communication skills for the listener as well as the speaker in both individual and group activities.

91031-91032 English III (Year; 1 unit)

Prerequisite: English II / Placement through the I.E.P. process

This course is designed to improve reading and writing skills. Students learn and apply literary terms in relation to assigned readings. Emphasis is placed upon reading comprehension and response analysis. Writing interventions are implemented as students work from proper sentence structure, paragraph structure, 5 paragraph essays to the comprehensive research paper.

91041-91042 English IV (Year; 1 unit)

Prerequisite: English III/ Placement through the I.E.P. process

This course is designed to increase reading, writing and critical thinking skills. Students continue utilizing the application of literary terms to assigned readings. Writing interventions are implemented in correlation to writing assignments. Writing assignments include: analysis of readings, critical response to readings, an understanding of cause and effect, communicating opinions and thoughts utilizing readings as support.

91051-91052 Reading Improvement (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This course is designed for students with low reading scores who would like to improve their reading skills. Individual students will receive instruction to improve their reading

vocabularies and comprehension skills. Direct instruction as well as a variety of supplemental materials will be utilized.

91211-91212 Math 9-10 (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This course is designed to build and further develop number sense, computation and life skills at the appropriate grade level of each student. Students will engage in realistic problem solving activities emphasizing vocational and consumer based competencies. Students will develop and build practical skills in measurement, money usage, buying practices, banking and a range of job related topics. Algebra and geometry skills are included.

91215-91216 Mathematics 9 (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This course emphasizes addition, subtraction, multiplication and division of whole numbers, fractions and decimals. Practical applications of these skills are stressed second semester.

91221-91222 Mathematics 10 (Year; 1 unit)

Prerequisite: Math 9 or Math 9-10

Math 10 is a continuation of the work begun in Math 9 covering practical problem solving throughout both semesters. This course emphasizes math application of skills. Lessons are designed to emphasize the need for and the use of math in everyday life. Algebra and geometry skills are included.

91231-91232 Mathematics 11 (Year; 1 unit)

Prerequisite: Math 9, Math 10 or Math 9-10

This course includes basic concepts in math and basic algebra. Whole numbers, fractions, decimals, integers, rational numbers, solving equations, ratios, proportion, graphing and problem solving are among the topics covered.

91311-91312 Basic Physical Science (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This science course involves the study of physical science. Through observation and related activities, the student learns the basics of physics and chemistry. Units will include chemical reactions, motion, light, sound, electricity, and magnetism. This course relates fundamental physical science to the world in which we live to help students better understand their physical world.

91321-91322 Life Science (Year; 1 unit)

Placement through the I.E.P. Process

This science course involves the study of life science and how it relates to the ever-changing environment. Through observation and related activities, the student learns about various aspects of life science including plant life, animal life, and human biology.

91331-91332 Earth Science (Year; 1 unit)

Placement through the I.E.P. Process, Junior standing

Earth Science is designed to give students a firsthand look at the forces that shape today's

planet. They also have a chance to look beyond the planet to examine some of the forces that have shaped the universe and solar system. Through participation in a wide variety of activities, learning opportunities, and discussions the students become more aware of the changing planet.

91420 Geography/American Government (Semester; 1/2 unit)

Prerequisite: Sophomore, Junior, or Senior standing

This course is divided into two units of study: American Government and United States geography. The American Government unit involves the federal, state, and local governments. The federal and state constitution exams as well as the American flag exam are offered. The geography unit involves basic instruction in map usage including political, and travel maps. Student will become familiar with U.S. geography and will identify states and capitals.

91421-91422 World Geography (Year; 1 unit)

Placement through the I.E.P. Process

This course is intended to introduce students to the different areas of the world. Students will become familiar with the themes a geographer uses to study the different parts of the world. Students will focus on geographic skills including map reading and location of countries. Students will also focus on learning the different cultures around the world.

91431-91432 American History (Year; 1 unit)

Prerequisite: Junior standing

This course is arranged in chronological units from Early America to the 20th century. Significant topics from the 18th and 19th centuries will be covered to understand how people and events have shaped the present and will continue to affect the future. The first semester focuses on the history through the Civil War, while the second semester deals with the period from the Reconstruction to the present.

91510 Health A (Semester; 1/2 unit)

Prerequisite: Placement through the I.E.P. process

In this course, students explore multiple areas of health education. These areas include mental health, physical health, and safety, diseases of the mind and body, substance use and abuse, community and environmental health issues. Students will relate health education issues presented in class with their own lives as well as current events.

91610 Affective Interaction (Semester, 1/2 unit)

Prerequisite: Placement through the I.E.P. process

Affective Interaction is designed to help students assume responsibility for themselves and interact responsibly with others. They also work on self-esteem, problem solving, and goal setting. Through participation in classroom discussion, role-play, and various activities, students have the opportunity to develop personal and social responsibility.

91621-91622 Consumer Education I & II (Year; 1 unit)

Prerequisite: Sophomore standing

This course provides students with a working knowledge of how economics affects their lives as consumers. Much of the information presented is taken from sources familiar to the student--newspapers, television, radio, consumer magazines, field trips and guest speakers. Students engage in problem-solving activities involving basic economic

principles, consumer rights and responsibilities, contract law, buying practices, housing and money management. Second semester, students complete a federal income tax form, calculate wages and earnings, write checks, reconcile bank statements and understand insurance.

91717-91718 Pre-Vocational Work Experience E (Year, 1 unit)

Prerequisite: Freshman or Sophomore standing

This class will provide general information about the "World of Work". It is designed for students who are not yet ready to enter the work force, but would still like to have some basic knowledge about being employed. Topics that will be explored include personal interests and values, learning styles, skills and aptitudes, and personalities as they relate to career choices. Each of the 15 Career Clusters will be researched and discussed followed by information about gathering job leads, organizing a job search, applying for a job, and keeping a job once you are hired. Other relative topics that will be covered in this course include goal setting, money management, staying healthy, and the importance of building relationships and teamwork.

91711-91712, 91721-91722 Work Experience I & II (Year, 2 units)

Prerequisite: Junior, Senior standing

Students explore reasons for working and determine their own interests, skills, aptitudes, and abilities. They focus on personal values and career choices. Finding a job, the job application process, interview skills, getting along with co-workers, keeping a job, and making job changes are discussed. In addition, practical information in terms of independent living skills is taught. The student spends a portion of his day at school and is employed during the remainder of the day.

92011-92012 English E 9-10 (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This freshman/sophomore level course is designed to help students improve skills in spelling, vocabulary, oral reading, reading comprehension, grammar, and writing. Writing skills include paragraph writing (via journals), simple notes to others, and application forms. Phonics is taught to increase reading and spelling skills. Introduction to classics from literature is provided as well as dictionary use and alphabetizing skills. Emphasis in all areas is on practical, functional applications for independent living.

92021-92022 Practical Writing (Year, 1 unit)

Prerequisite: Placement through IEP process

This course is designed for freshman and sophomore special education students emphasizing writing skills. The course will include work on punctuation, capitalization, sentence structure, and paragraph composition skills. Use of planner will also be offered as well as journaling and functional writing (thank you notes, friendly/business letters, application forms, etc...)

92031-92032 English E 11-12 (Year; 1 unit)

Prerequisite: English E 9-10

This course is an extension of the work begun in English E 9-10 with an expansion of all areas stated in E 9-10. During the second year, emphasis includes the post-school needs of the students and the student's role in the world of work and society as it pertains to reading, writing, spelling, and vocabulary.

92111-92112 Mathematics E 9-10 (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

The instruction of basic math skills is started at the appropriate grade level for each student in relation to his/her ability to perform the necessary mathematical functions of addition, subtraction, multiplication, and division. Using these skills as applicable, the student will be taught units in place value, word problems, calculator use, time/calendar skills, money skills, banking skills, and functional fractions and decimals.

92211-92212 Mathematics E 11-12

Prerequisite: Math E 9-10

This course is a continuation of the skills taught in Math E 9-10 with an emphasis on functional math skills necessary for independent living

92311-92312 Basic Physical Science E (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This course provides Freshmen and Sophomores an introduction to the physical sciences. Through observation and the carrying out of activities, the student learns about matter in motion, electricity, light, sound and the chemical make-up of matter. In order to assist students to better understand their physical world, fundamentals of physical are related to the world in which we live.

92331-92332 Life Science E (Year, 1 unit)

Prerequisite: Junior or Senior standing

This science course involves the study of living things. This includes the study of plants, animals, human biology, and ecology. Students are provided with a variety of instructional activities and are able to utilize multiple learning styles to understand these concepts.

92351-92352 Earth Science E (Year, 1 unit)

Prerequisite: Junior or Senior standing (Not offered in 2009-2010)

Earth Science is designed to give students a firsthand look at the forces that have shaped planet Earth and how those forces are still affecting our planet. Students will also learn about the solar system and the universe, where our planet fits into these systems, how and why it has changed over time, and what is needed to protect the environment through better use of its resources and recycling. Through participation in a variety of activities, learning opportunities, and discussions the students become more aware of the planet earth, how it changes, and their responsibility to protect it.

92410 Social Studies E (Semester; 1/2 unit)

Prerequisite: Placement through the I.E.P. process (Not offered in 2009-2010)

This Freshman/Sophomore level course concerns itself with the study of maps, globes, and directions. It provides the student with a general knowledge of North America and the other continents of the world.

92431-92432 American History - Government E (Year, 1 unit)

Prerequisite: Junior or Senior standing

This history course includes the discovery of the new world to the present day. From colonial days to independence, through westward expansion and solving the questions of slavery to industrialization, the students will explore their American History. This study sets the stage for entry of the United States into the 21st century as leader in technology, human rights and peace. Federal, state, and local government systems are studied, including the U.S. and Illinois Constitutions.

92510 Health E (Semester; 1/2 unit)

Prerequisite: Placement through the I.E.P. process (Not offered in 2009-2010)

This Freshman/Sophomore level course is designed to explore basic health principles and issues including the following areas: personal hygiene, safety and first aid, nutrition, substance use and abuse, and knowledge of the systems of the body including the reproductive system.

92611-92612 Home Life E (Year, 1 unit)

Prerequisite: Placement through the I.E.P. process (Not offered in 2009-2010)

This course teaches basic management skills helping students function and prosper as responsible teens in their independent, post secondary lives. Skills involving building self esteem, making healthy decisions, using refusal skills, respecting culture and ethnic differences, building teamwork, making wise consumer choices, and managing stress. A lab in the kitchen reinforces skills taught in the classroom on proper nutrition, meal planning, preparation and clean-up, as well as clothing care.

92621-92622 Community at Work (Year, 1 unit)

Prerequisite: Sophomore or Junior standing (Not offered in 2009-2010)

This course is designed to aid the student in understanding the community in which he/she lives and how he/she can be a contributing member to that community. It involves instruction and activities in the areas of federal, state and local government; the U.S. criminal justice system; citizens' rights and responsibilities; and citizenship. Vocational self-awareness is highlighted second semester via interest surveys, career exploration, sources of employment, job seeking skills, and interview skills.

92631-92632 Consumer Education E I & II (Year, 1 unit)

Prerequisite: Sophomore or Junior standing (Not offered in 2009-2010)

This class is designed to acquaint the student with the economic principles of daily living so that he/she can perform the economic roles of worker, consumer and citizen. Instruction is given so students become better consumers. Topics include savings vs. spending, grocery shopping, general shopping, clothing care, telephone usage, restaurant usage, reading schedules and charts, money management, checking account skills,

budgeting, housing, concerns, and simple tax preparation.

92711-92712 Work Experience E I (Year, 1 unit)

92721-92722 Work Experience E II (Year, 1 unit)

Prerequisite: Junior standing

Students explore reasons for working and the effects of work on lifestyle. They engage in discovery of their own interests, skills and aptitudes. They focus on personal career choices. They look at positive interview behaviors. Job retention skills are emphasized with a focus on personal development as a key to success. Students will receive instruction on the first days of working, safety, getting along with employers and co-workers, and situations that affect jobs. In addition, practical information in terms of independent living skills are taught. The student attends school on a partial day and is employed during the remaining part of the day.

92911-92912 Basic Keyboarding E (Year; 1 unit)

Prerequisite: Placement through the I.E.P. process

This course is designed to provide the special student with the opportunity to learn and internalize the proper method of keyboarding. Proper keyboarding technique and correct finger to key positions are highlighted. Dictation and copy skills are implemented throughout the course. Emphasis is further placed on the use of modern technology for personal and vocational use.

81870 Practical Child Development E (Semester; 1/2 unit)

Prerequisite: Placement through the I.E.P. process

This course is designed for special population students who have expressed an interest in childcare or parenting. Units of study will include physical care of infants and toddlers, health and safety concerns for children, and nutrition for young children. The course will emphasize the fact that caring for children is a responsibility that should be taken seriously.

93801-93847: 54541-54542 Developmentally Disabled (D.D.)

Prerequisite: I.E.P. Eligibility

This program is designed for special population students who require a functional community based curriculum. Students practice basic skills in independent functioning, community functioning, employment skills, and social skills. Individual programming is based on the student's Individual Educational Plan.

SCHOOL AND COMMUNITY SERVICE

95665-95666 Peer Tutoring (Year, 1 unit)

Prerequisite: Junior or Senior standing; submit application and interview

This course is offered to individuals seeking a career or teaching experience in education. Peer tutors will work directly with special education students in academic and life skills areas. Peer tutors will have the opportunity to work individually with students and in small groups, implementing teacher created instructional programs. In addition, peer tutors will be expected to complete a variety of teaching and planning activities. Peer tutors will work under close supervision of the classroom teacher

ADDITIONAL BACC COURSES

ACC 76211-71212 Health Occupations I (Year; 2 units)

76221-76222 Health Occupations II (Year; 2 units)

Prerequisite: Junior or Senior standing and approved application

Health Occupations I

Are you thinking of a career in health care? Well this is the class for you! The opportunities are unlimited for trained professionals in the health care field. Upon successful completion of this course; students are eligible to take the State Certification for Certified Nurse's Assistant (CNA). Classroom instruction will include fundamental health-care principles, basic patient care; such as Vital Signs (Blood pressure, pulse, respirations and temp.), height/weight, transferring residents, dressing and feeding residents, bathing, and basic aseptic procedures. Students will participate in clinical two days weekly from October to April at Westminster Village. Attendance is essential due to the number of State Mandated hours. This class is recommended for students planning for post-secondary education or career attainment. *Math, reading, spelling, and communication skills are necessary.*

This program pathway Health Occupations I is Articulated with Heartland Community College NURS 110 NURSING ASSISTANT (8 credit hours) is obtained after completion at BACC with a B and applying at Heartland Community College.

Health Occupations II

Prerequisite: Successful completion of Health Occupations I with a B average or above, and successful attainment of CNA Certification.

Students who have successfully attained the CNA certification and have instructor approval may have the opportunity to enroll in Health Occupations II. Students will benefit from speakers within the industry, enhance their technical skill development through internships, and develop workplace skills required in the health care profession. Student internships include but are not limited to; Bromenn Hospital, St. Joseph Hospital, and various Dr. Offices and Clinics. Students within these internships are placed within but not limited to; the following departments: OB, Emergency, Pediatrics, and Physical Therapy. This class is recommended for students planning for post-secondary education or career attainment.

ACC 77141-77142 EMT -Emergency Medical Technician (Year, 2 units)

Prerequisite: Fire Science, Health Occupation I, Senior Standing

EMT (Emergency Medical Technician) Basic

Prerequisite: Fire Science, Health Occupation I, Senior Standing

This course will introduce the care and handling of the critically ill and injured. Emphasis is on the development of skills in assessment of illnesses and the application of proper emergency care procedures. This course will meet federal and state guidelines for basic EMT training. Students who successfully complete this course will be able to sit for the Illinois State or National Registry EMT-Basic licensure exam after turning 18 years of age and graduating from high school.

BLOOMINGTON AREA CAREER CENTER

Tom Frazier, Director

Tel: (309) 829-8671

Learning a marketable technical skill and gaining work experience can help students acquire entry-level jobs after graduation or prepare for further training through community colleges, technical schools, four-year colleges and universities, and apprenticeships. The following courses are planned at the Bloomington Area Career Center. All ACC classes require at least two periods each day and are intended for Juniors and Seniors. Full program descriptions and additional course offerings are available through the BACC catalog or the BACC website (www.bloomingtonacc.org).

An application must be made to enroll in courses offered through the Bloomington Area Career Center. *Criteria for acceptance: students must have Junior or Senior status (12 or more credits); good attendance (9 or fewer absences in the prior semester), meet the prerequisites for the class, and a GPA of 2.5 or better. Students that have failed core curricular courses may not be accepted until the courses are made up.*

75211-75212	Automotive Technology I (See page 36)
75221-75222	Automotive Technology II
75411-75412	Early Childhood Care and Education I (See page 41)
75421-75422	Early Childhood Care and Education II
75511-75512	Culinary Arts I (See page 41)
75521-75522	Culinary Arts II
75611-75612	Construction Trades I (See page 37)
75621-75622	Construction Trades II
75811-75812	Cosmetology I (See page 42)
75821-75822	Cosmetology II
75911-75912	Computerized Architectural Design (See page 36)
75921-75922	Civil Engineering and Architecture
76011-76012	Digital Electronics/A+ Computer Repair (See page 32)
76021-76022	Cisco Networking Systems
76111-76112	Digital Media I (See page 37)
76121-76122	Digital Media II
76211-76212	Health Occupations I (See page 56)
76221-76222	Health Occupations II
76411-76412	Employment Prep/Internship I (See page 34)
76421-76422	Employment Prep/Internship II
77111-77112	Criminal Justice & Law Enforcement I (See page 39)
77121-77122	Criminal Justice & Law Enforcement II
77131-77132	Fire Science
77141-77142	EMT (Emergency Medical Technician) –Basic

