

BHS

**Bloomington High School
Course Description Guide
2023-2024**

www.district87.org



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 2023-2024 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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Superintendent

BHS Administration

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BLOOMINGTON HIGH SCHOOL MISSION STATEMENT

Bloomington High School is a diverse community that supports lifelong learners who are responsible and productive citizens in our global society.

Together we will provide a safe environment that guides students to reach their full potential in pursuit of academic and personal fulfillment.

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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. Other common minimum requirements are completion of at least Algebra II in math, 2 and sometimes 3-4 years of the same world 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 world 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 Guidance Office. Students can also use the BHS website to access information from colleges via the Internet: <http://bhs.district87.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.

GRADUATION REQUIREMENTS

<u>Subjects</u>	<u>Class Credits</u>	<u>Subjects</u>	<u>Class Credits</u>
English	4	Social Studies	3
Fr. Lit/Comp	1	World History	1
So. Lit/Comp	1	American History	1
Jr. Lit/Comp	1	Social Science Elective	½
Sr. English (Reading/Writing)	1	American Government	½
Math	3	Physical Education	4
Algebra	1	PE 9/Health	½ + ½
Geometry	1	PE 10/11/12	1
Math	1	PE 10/11/12	1
Science	3	PE 10/11/12	1
Biology	1	Fine/Practical Arts or World Language	1
Physical Science	1	Consumer Education	½
Science	1	Electives	5
		Total Credits Required for Graduation	23.5

Students must earn a minimum of **twenty-three and one-half credits in order to graduate from Bloomington High School**. Four credits must be earned in language arts (one credit in each grade); three credits in science, one of which must be a biological science and one must be a physical science; three credits in mathematics, one of which may be related to computer technology; three credits in social studies (one credit in World History, one credit in American History, and one-half credit in American Government, and one-half credit in an elective course); four credits in physical education (one credit in each grade); and one credit in music, art, world language, **or** vocational education. The student must also satisfy consumer education and other State of Illinois requirements.

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-credit 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 or Intro to Business. This course would count towards the twenty-three and a half credits required for graduation.

CLASS MEMBERSHIP REQUIREMENTS:

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

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, world 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.

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 and Statistics and Probability. 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, Science, Social Science and World Language. **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 the school year starts, your student may be allowed to change classes during the **first five days** of the fall semester, provided one of the following criteria is met:

- Successful completion of summer school classes. (Please remember that students must have prior approval from their guidance counselor and Principal before enrolling in a summer school course).
- Changes for seniors necessary to meet graduation requirements.
- Failure to meet course prerequisites.
- Scheduling conflicts or a scheduling error.
- Missing requirement for university admissions.
- A change in career plans.
- An extreme personal emergency.

After the **first five days of each semester**, students are NOT permitted to enroll in a new course.

If a student needs to move up or drop down a level (Honors, Advanced Placement, General) of the same course, he/she may do so if agreed upon by the student, their parent/guardian, guidance counselor, teacher and Principal/Associate Principal.

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 fifth (5th) 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 student's 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 credits 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 world 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 (BACC) are also included in the guide and are represented with a BACC 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 by mid-December.

DUAL CREDIT/ENROLLMENT COURSES

BHS and the BACC partner with Heartland Community College in order to offer college-level courses to all interested & qualified students through a dual credit/enrollment program. Students will have the opportunity to earn college credit while in high school. The courses are designated with information about the dual credit/enrollment opportunity throughout this guide. Some courses require specific entrance qualifications (Accuplacer OR ACT/SAT test scores OR a specific GPA standing) and/or tuition and textbook fees. Most fulfill general education requirements for many 4-year universities. Please see the course description, requirements, and prerequisites and consult your school counselor for more information. All dual credit is given at the discretion of the community college and is subject to change.

BHS DUAL CREDIT COURSES WITH HEARTLAND COMMUNITY COLLEGE (HCC)

HCC Class	BHS Class	HCC Credit
ENGL 101 Critical Reading & Writing	004055 ENGL 101 Critical Reading and Writing	3 credit hours
ENGL 102 Multimodal Composition	004065 ENGL 102 Multimodal Composition	3 credit hours
LITR 111 Introduction to Literature	004035 LITR 111 Introduction to Literature	3 credit hours
SCED 105 Life Success	081865 SCED Life Success	3 credit hours
HUMA 101 Introduction to the Humanities	083035 HUMA 101 Introduction to the Humanities	3 credit hours
ART 150 Understanding Art	082975 ART 150 Understanding Art	3 credit hours
MUSI 150 Music Appreciation	088945 MUSI 150 Music Appreciation	3 credit hours
DMED 110 Web Page Development	064130 DMED 110 Web Page Design	3 credit hours
MATH 111 Finite Math for Business & Social Science	024265 MATH 111 Finite Math	4 credit hours
TECH 121 Principles of Engineering	072791-2 TECH 121 Principles of Engineering	3 credit hours
THEA 101: Introduction to Theater	005095 THEA 101 Introduction to Theater	3 credit hours
HIST 135: History of the US to 1865	043495 HIST 135: Us History to 1865	3 credit hours
BIOL 114: Contemporary Biology	032395-6 BIOL 114: Contemporary Biology	4 credit hours
CHEM 120: Fundamentals of Chemistry	033395-6 CHEM 120: Fundamentals of Chemistry	4 credit hours
EDUC 101: Introduction to Education	06135 EDUC 101: Introduction to Education	3 credit hours

These courses are free of charge for qualifying BHS students.

Your savings if you pass HCC's ENGL 101 & ENGL 102 during your senior year of high school at BHS:				
HCC Course	Number of credit hours	\$161 = cost per credit hour @ HCC	\$13 = cost of fees per credit hour @ HCC	Total cost per course
ENGL 101	3	\$483	\$39	\$522
ENGL 102	3	\$483	\$39	\$522
Totals for 2-semesters	6	\$966	\$78	\$1044

BHS DUAL CREDIT COURSES WITH HCC - COURSE DESCRIPTIONS

004055 ENGL 101: Critical Reading & Writing

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC); Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required.

In English 101, students will improve their writing by learning about the integrated relationship between critical reading and writing skills. Students will explore how genres of communication shape the acts of reading and writing, and in the process, will learn how to become responsible and ethical readers, writers, and designers of various kinds of texts. Students gain exposure to a wide range of tools and skills available and necessary to 21st century readers and writers, including collaboration techniques, visual design principles, and how to effectively control surface features of their writing. ***This class may be taken as a Dual Credit/course with Heartland Community College: ENGL 101. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required***

004065 ENGL 102: Multimodal Composition

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC); Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required; Completion of HCC's ENGL 101 with a grade of C or better.

In English 102, students will put rhetorical principles into useful cultural practice via researching, designing, creating, and sharing multimodal composition projects that contribute to real academic or career purposes and audiences. Conceptual

knowledge of genre, textual control, document design, writer responsibility, and collaboration will be applied as a student's research academic or career interests. Students will learn and apply both primary and secondary research skills, and will compose projects that successfully employ genre-appropriate reasoning, formats, and structures. **This class may be taken as a Dual Credit/course with Heartland Community College: ENGL 102. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

004035 LITR 111: Introduction to Literature

*Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC);
Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required;
Completion of or concurrent enrollment in HCC's ENGL 101.*

This course is a survey of the major literary genres (poetry, short stories, plays, and novels) and involves the reading and discussion of representative works with the aim of providing competence in critical reading and analysis, as well as the knowledge of formal literary characteristics. As part of this analysis, students will situate each work within its historical, social, and cultural context in order to gain a deeper understanding of its place within our world and the place from which they developed. **This class may be taken as a Dual Credit/course with Heartland Community College: LITR 111. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

081895 SCED 105: Life Success

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC).

This course will help students gain awareness of their academic career and personal selves and facilitate development in each of these areas. Focus will be placed on gaining knowledge of each self, identifying areas of strength and those needing improvement and mastering the tools necessary to achieve growth in these life areas. **This class may be taken as a Dual Credit/course with Heartland Community College: ART 150. 3 credit hours possible.**

083035 HUMA 101: Introduction to the Humanities

*Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC);
Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required;
Placement at college level English OR Concurrent enrollment in ENGL 099/101.*

Introduction to the Humanities is the study of social and cultural values as expressed through the major art forms, including painting, sculpture, architecture, literature, drama, music, dance, film, and photography. The course will examine the elements and formal qualities that are characteristic of each art form, the relationships between the arts, and the social and historical contexts from which they developed. **This class may be taken as a Dual Credit/course with Heartland Community College: HUMA 101. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

082975 ART 150: Understanding Art

*Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC);
Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required;
Placement at college level English OR Concurrent enrollment in ENGL 099/101.*

ART 150 is designed to provide an understanding of the role of art in our culture and in contemporary life. This course utilizes art works from all cultures and periods to establish basic language of art and the principles of aesthetic organization. Information regarding the artist's tools, materials, exhibition spaces and the art market will be studied to further illustrate the use of art in our world. Not intended for art majors. **This class may be taken as a Dual Credit/course with Heartland Community College: ART 150. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

088945 MUSI 150: Music Appreciation

*Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC);
Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required;
Placement at college level English OR Concurrent enrollment in ENGL 099/101.*

An introduction to music appreciation and theory for students who do not intend to major in music. This course is designed to provide familiarity with the elements of music and with various musical forms and stylistic periods so the students can actively and perceptively listen to a wide variety of music. The ability to read music is not required for enrollment in MUSI 150. **This class may be taken as a Dual Credit/course with Heartland Community College: MUSI 150. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

064130 DMED 110: Web Page Development

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC).

An introduction to the World Wide Web on the Internet and its uses as a communication tool. The course will cover essential terms and technologies, creating web pages, critiquing Internet content and a review of ethical and legal issues. Basic computer skills will be expected. Course covers HTML5 and CSS coding as well using web design programs to create content. Special attention is paid to creating web content that adheres to web standards. Students learn the basics of image manipulation. The course will have a continuing emphasis on successfully communicating through the web, especially considering design and interactivity. **This class may be taken as a Dual Credit/course with Heartland Community College: DMED 110. 3 credit hours possible.**

024265 MATH 111: Finite Math for Business and Social Science

*Prerequisite(s): Junior or Senior standing
Application to Heartland Community College (HCC)
Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required
Completion of MATH 106 or MATH 109 with a grade of C or higher OR Placement at MATH 111 or higher AND*

Completion of MATH 098 with a C OR Placement out of Geometry AND

Placement at ENGL 099/101 or higher OR Concurrent enrollment in ENGL 098

This class focuses on applications of the following topics: matrices, matrix algebra, linear programming, sets and counting techniques, probability, and the mathematics of finance. A graphing calculator is required for this course (instruction will be based on a TI 83+). **This class may be taken as a Dual Credit/course with Heartland Community College: MATH 111. 4 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

072791-072792 TECH 121: Principles of Engineering

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC).

Course will offer students a unique opportunity to earn dual credit for high school level Project Lead the Way (PLTW) coursework; students must be enrolled in approved high school level PLTW programs in order to qualify for this course. This survey course exposes students to major concepts, including mechanisms, energy, statics, materials, and kinematics. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. **This class may be taken as a Dual Credit/course with Heartland Community College: TECH 121. 3 credit hours possible.**

005095 THEA 101: Intro to Theater

Prerequisite(s): Senior standing; Application to Heartland Community College (HCC);

Qualifying Accuplacer (placement at college level English) or ACT/SAT score required

THEA 101 is an introductory course which focuses on drama as a performing art. Students will examine representative plays and study the historical, social, cultural, aesthetic, and technical aspects of theatrical expression. **This class may be taken as a Dual Credit/course with Heartland Community College: THEA 101. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

32395-323956 BIOL 114: Contemporary Biology

Prerequisite: Biology and a Physical Science; Heartland entry requirements

This course introduces students to a broad range of biological principles, including organization, structure and function, heredity, evolution, and ecology. Students will demonstrate how their knowledge in biology is relevant to them, their community, and their world. Students will use scientific evidence as the basis for their arguments. Students will improve their skills in relating biological information to peers and to others. In addition, students will leave with a better understanding of scientific views that differ from their own. The laboratory component will emphasize scientific inquiry and use of knowledge in problem solving. This course is intended for students who are not pursuing a science career. **This class may be taken as a Dual Credit/course with Heartland Community College: BIOL 114. 4 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

33395-33396 CHEM 120: Fundamentals of Chemistry

Prerequisite: Biology and a Physical Science; Heartland entry requirements

This chemistry survey course is intended for students who plan to pursue a health-related profession or who have an interest in chemistry. The relationship between chemistry and life is emphasized through issues and examples from the health, medical, and environmental fields. Labs are used to reinforce the lecture material. **This class may be taken as a Dual Credit/course with Heartland Community College: CHEM 120. 4 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

63135 EDUC 101: Introduction to Education

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC);

Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required;

Placement at college level English OR concurrent enrollment in ENGL 099/101.

This course provides an introduction to the American education system and teaching as a profession. Throughout the course students will be offered a variety of perspectives on education including: historical, philosophical, social, legal, and ethical issues in a diverse society. A study of organizational structure and school governance will also be included. A minimum 15-hour clinical component is required for this class. *Note: Students who enroll in EDUC 101 will be required to undergo a criminal background check by a college selected vendor. A clear background check is mandatory in order to complete the course/state required 15 hour clinical component for each class. The cost of the background check will be added as a course fee. **This class may be taken as a Dual Credit/course with Heartland Community College: ART 150. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.**

43495 HIST 135: History of the US to 1865

Prerequisite(s): American History, or concurrent enrollment; Heartland entry requirements.

This course covers the major political, social, economic and diplomatic trends that have shaped the United States from the early explorations of America to the Civil War and Reconstruction. **This class may be taken as a Dual Credit/course with Heartland Community College: HIST 135. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

ENGLISH

001031-01032 Freshman Literature and Composition (Year; 1 credit)

This year-long course in the study of reading comprehension, analysis, and written composition 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. This course also examines the genres of the short story, drama, classical heritage, and the novel. Spelling, vocabulary, and composition skills will be reinforced.

001037-01038 Freshman Literature and Composition Co-Taught (Year, 1 credit)

Co-Teaching is collaboration between educators who share instructional responsibility for developing learners. This course is designed to improve the language arts skills of our developing learners so that they become better thinkers, communicators, writers, readers, and researchers. In addition, we believe that co-teaching provides opportunity to utilize various instructional delivery models and specially designed instruction to meet the needs of all learners.

001011-01012 Honors Freshman Literature and Composition (Year; 1 credit)

This year-long course in the study of reading comprehension, analysis, and written composition 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. This course also examines the genres of the short story, drama, classical heritage, and the novel. Spelling, vocabulary, and composition skills will be reinforced. *This course carries the Honors G.P.A. weighting.*

002011-002012 Sophomore Literature/Composition (Year; 1 credit)

Prerequisite: Sophomore Standing

This year-long course is a thematic study involving contemporary issues affecting our society using both fiction and non-fiction texts. Students will work to improve reading comprehension, composition skills, and grammar. In addition, this course aims to develop communication skills for the speaker and listener in both individual and group activities.

002017-002018 Sophomore Literature/Composition Co-Taught (Year, 1 credit)

Prerequisite: Sophomore Standing

This year long, Co-Taught course is designed for the student who needs reinforcement in reading and writing skills. The class will emphasize writing as a process and purpose, and students will work on reading fluency to increase speed and comprehension. In addition, students will increase and improve organization and listening skills in the public speaking requirements throughout the year.

002031-002032 Honors Sophomore Literature/Composition (Year; 1 credit)

Prerequisite: Sophomore Standing

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. Typically, a student who completes this course with an *A* or *B* will be prepared to continue on to take AP Language/Composition as a Junior. Communication skills, involving vocabulary, spelling, and grammar, will be expanded through extensive composition work. A semester project is required. *This course carries the Honors G.P.A. weighting.*

002050 Public Speaking (Semester, ½ credit)*

Prerequisite: Sophomore or Junior Standing

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

002060 Communications in the Workplace (Semester, ½ credit)*

Prerequisite: Sophomore or Junior Standing

This course focuses on the application of written and oral communication skills through a variety of formal and informal experiences. Through performance, research, and small group study, this course emphasizes interpersonal and team-building skills, and thriving in various workplace environments. Students will complete multiple projects utilizing a variety of formats and communication types, explore case studies, complete presentations, and write essays.

***Students must choose to take Public Speaking OR Communications in the Workplace. For example, if a student takes Public Speaking he/she cannot continue on to take Communications in the Workplace.**

002070 Literature of a Genre: Film Studies (Semester, ½ credit)

Prerequisite: Sophomore or Junior Standing

This course has the same aim as a general literature course (i.e. to improve students' language arts and critical-thinking skills), focusing on film as both a visual art form and story-telling genre. Students determine the underlying assumptions and values within selected works, and they will examine the structure, techniques, and intentions of the genre being studied. Large and small group discussions will be an integral part of the course. Written compositions will also be required. **This class is part of a year-long sequence of two semester-length courses. You must take Public Speaking or Communications in the Workplace during your other semester.**

004071-004072 Creative Writing (Year; 1 credit)

Prerequisite: Sophomore, Junior, or Senior standing

The first semester of this year-long course will provide an introduction to elements and craft of various genres of creative writing, including narrative, verse, and dialogue, selected texts from established writers. Students will analyze and critique these selections as they gain an understanding of the tools available to them as creative writers. During the second semester students will focus on their own expressive writing in many different forms. Students will have the opportunity to explore

several different types of poetry and prose styles. Originality and writing that shows thought will be emphasized. Peer reviews and sharing ideas are essential elements to this course.

005031-005032 Journalism I (Year; 1 credit)

Prerequisite: Sophomore, Junior, or Senior Standing

This course provides students a way to learn about how information is produced, published, and how journalism laws guide the ethical distribution of the news. Students will enhance English Language Arts skills and learn how to effectively select from multiple platforms in order to share news stories with readers. Platforms include photo essays, websites, social media apps, traditional news stories, podcasts, and the like. In addition this course will introduce students to the fundamentals of journalism. Emphasis is placed on interviewing, writing, editing, assessing the audience, and meeting deadlines. This course is intended as a practical application of newspaper/newsmagazine news gathering and writing techniques, as well as an analysis of the media.

003011-003012 Junior Literature/Composition (Year; 1 credit)

Prerequisite: Junior Standing

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.

003017-003018 Junior Literature/Composition Co- Taught (Year; 1 credit)

Prerequisite: Junior Standing

This course emphasizes material for the student who may struggle with writing skills and reading comprehension, 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. Special emphasis is placed on developing research skills as a significant portion of second semester is devoted to completing a major research project.

004051-004052 AP English Language/Composition (Year; 1 credit)*

Prerequisite: Junior Standing

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. This course carries the honors/advanced G.P.A. weighting.*

*Students must choose to take *AP English Language/Composition* OR *English Language Composition (ELC 04050)*. For example, if a student takes *AP English Language/Composition* in his/her Junior year, he/she cannot continue on to take *ELC* during his/her Senior year.

004060 College Literature (Semester; ½ credit)

Prerequisite: Senior Standing

This course will require reading works of literature as a way to develop analytical thinking, reading, and writing skills for the college bound senior. Students can expect to engage in a variety of activities and projects centered on what they are reading. They will explore and analyze the elements of fiction, literary context (authors' biographies, authors' philosophies, literary movements, historical backgrounds), and their own personal reactions. Writing projects will allow students to hone their composition skills.

004050 English Language/Composition (Semester; ½ credit)

Prerequisite: Senior Standing

The goal of this senior writing class is to prepare each student to successfully complete 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 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.

004055 ENGL 101: Critical Reading & Writing (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): Senior standing; Application to Heartland Community College (HCC);

Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required.

In English 101, students will improve their writing by learning about the integrated relationship between critical reading and writing skills. Students will explore how genres of communication shape the acts of reading and writing, and in the process, will learn how to become responsible and ethical readers, writers, and designers of various kinds of texts. Students gain exposure to a wide range of tools and skills available and necessary to 21st century readers and writers, including collaboration techniques, visual design principles, and how to effectively control surface features of their writing. **This class may be taken as a Dual Credit/Enrollment with Heartland Community College: ENGL 101. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.**

004065 ENGL 102 Multimodal Composition (Semester; 1/2 credit)

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC); Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required; Completion of HCC's ENGL 101 with a grade of C or better.

In English 102, students will put rhetorical principles into useful cultural practice via researching, designing, creating, and sharing multimodal composition projects that contribute to real academic or career purposes and audiences. Conceptual knowledge of genre, textual control, document design, writer responsibility, and collaboration will be applied as students research academic or career interests. Students will learn and apply both primary and secondary research skills, and will compose projects that successfully employ genre-appropriate reasoning, formats, and structures. **This class may be taken as a Dual Credit/Enrollment with Heartland Community College: ENGL 102. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.**

004035 LITR 111: Introduction to Literature (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC); Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required; Completion of or concurrent enrollment in HCC's ENGL 101.

This course is a survey of the major literary genres (poetry, short stories, plays, and novels) and involves the reading and discussion of representative works with the aim of providing competence in critical reading and analysis, as well as the knowledge of formal literary characteristics. As part of this analysis, students will situate each work within its historical, social, and cultural context in order to gain a deeper understanding of its place within our world and the place from which they developed. **This class may be taken as a Dual Credit/Enrollment with Heartland Community College: LITR 111. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.**

004080 Modern Fiction I (Fall Semester; ½ credit)*

Prerequisite: 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.**

004061-004062 Senior English Workshop (Year; 1 credit)

Prerequisite: Senior Standing

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.

004091-004092 AP English Literature/Composition (Year; 1 credit)

Prerequisite: Senior standing

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 the 19th - 21st century across genres and cultures. 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 canon authors, is required. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting*

0050Y1-0050Y12 Journalism II - Yearbook Production (Year; 1 credit)

Prerequisite: Journalism I and/or Teacher approval.

Students will collaborate to create and maintain an online journalistic presence that includes written articles, photos, and videos. The class will also create and sell a school yearbook. Students will further their learning and application of journalistic principles and ethics. Students will be required to spend time outside the school day/week covering events for the purpose of completing assignments.

016001-016002 English as a Second Language I (Year; 1 credit)

Prerequisite: Teacher or Counselor Recommendation and overall Access scores between 1.0-2.0

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. This course is designed to develop the ESL students' oral language abilities and basic literacy skills. Students develop oral and written competence in understanding and generating simple sentences, questions, and commands. The students develop a strong vocabulary base of nouns, verbs, and adjectives. Additionally, the course introduces students to the phonetic sounds of the English language and basic English grammar.

016011-016012 English as a Second Language II (Year; 1 credit)

Prerequisite: Teacher or Counselor Recommendation, passing grade in ESL I and overall Access scores between 2.1-3.0

ESL II transitions students from social language to academic language skills. Grammatical structures and parts of speech are taught through controlled writing activities. The students become acquainted with basic literary elements common to the study

of literature in English. Students read short fictional stories and non-fiction materials. Vocabulary expansion is emphasized in order to help the students become successful with academic language.

016061-016062 English as a Second Language III (Year; 1 credit)

Prerequisite: Teacher or Counselor Recommendation, passing grade in ESL II and overall Access scores over 3.0

ESL III (Advanced Level ESL) is a transition course from the ESL II English curriculum to mainstream English placement. It is an advanced ESL course with an American literature focus. Interpreting literature and applying critical reading skills are emphasized. The writing activities are relevant to the assigned readings and reinforce grammar and composition skills.

016071-016072 English as a Second Language IV (Year; 1 credit)

Prerequisite: Teacher or Counselor Recommendation, passing grade in ESL III AND Overall Access scores over 3.9

ESL IV (Advanced Level ESL) is a transition course from the ESL III English curriculum to mainstream English placement. It is an advanced ESL course with an American literature focus. Interpreting literature and applying critical reading skills are emphasized. The writing activities are relevant to the assigned readings and reinforce grammar and composition skills.

WORLD LANGUAGES

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

011111-011112 French I (Year; 1 credit)

Prerequisite: None

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 course is taught with a holistic approach to the four language skills—reading, writing, listening and speaking—among the three modes of communication—interpretive, interpersonal and presentational. Authentic materials are used as much as possible in practice and assessment.

011121-011122 French II (Year; 1 credit)

Prerequisite: French I

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. As in French I, the course is taught with a holistic approach to the four language skills—reading, writing, listening and speaking—among the three modes of communication—interpretive, interpersonal and presentational. Authentic materials are used as much as possible in practice and assessment.

011131-011132 French III (Year; 1 credit)

Prerequisite: French II

This course is designed for the above average student who has successfully completed French II and has mastered that material. More advanced grammar concepts are presented in French III, as well as a continuing review of vocabulary and grammar concepts learned in French I and II. 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. As with French I and II, the course is taught with a holistic approach to the four language skills—reading, writing, listening and speaking—among the three modes of communication—interpretive, interpersonal and presentational. Authentic materials are used as much as possible in practice and assessment.

011161-011162 Honors French IV (Year; 1 credit)

Prerequisite: French III

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. It will be taught as the course preparing the student for success in the Advanced Placement French V class. Other emphases include French and Francophone cultures. This will facilitate transition into college courses. Much of the course will be conducted in French. (This course carries the Honors G.P.A. weighting.)

011151-011152 AP French V (Year; 1 credit)

Prerequisite: Honors French IV

This course will be conducted in French. It is designed for the student who wants the opportunity to prepare for college-level classes in French. There will be a focus on the communicative themes and skills that will 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 and videos on French culture, on French history, and from literature of the French-speaking world. (*Please see the section at the beginning of this guide concerning AP exams.*) (This course carries the honors/advanced G.P.A. weighting)

015111-015112 Spanish I (Year; 1 credit)

Prerequisite: None

The purpose of this course is to acquaint the student with a beginning Spanish vocabulary, accurate pronunciation, and the basic principles of Spanish grammar. The course is taught with a holistic approach to the four language skills—reading, writing,

listening and speaking—among the three modes of communication—interpretive, interpersonal and presentational. Authentic materials are used as much as possible in practice and assessment. Placement tests are offered early Spring, and can be arranged through School Counselors and the World Language Department.

015121-015122 Spanish II (Year; 1 credit)

Prerequisite: Spanish I or appropriate score on the placement exam.

Based on the fundamentals mastered in Spanish I, this course builds listening, speaking, reading, and writing skills. Expansion of the student's active vocabulary is an important part of the class. As in Spanish I, the course is taught with a holistic approach to the four language skills—reading, writing, listening and speaking—among the three modes of communication—interpretive, interpersonal and presentational. Authentic materials are used as much as possible in practice and assessment. Placement tests are offered early Spring, and can be arranged through School Counselors and the World Language Department.

015131-015132 Spanish III (Year; 1 credit)

Prerequisite: Spanish II or appropriate score on the placement exam.

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. As with Spanish I and II, the course is taught with a holistic approach to the four language skills—reading, writing, listening and speaking—among the three modes of communication—interpretive, interpersonal and presentational. Authentic materials are used as much as possible in practice and assessment. Placement tests are offered early Spring, and can be arranged through School Counselors and the World Language Department.

015161-015162 Honors Spanish IV (Year; 1 credit)

Prerequisite: Spanish III, Spanish for Heritage Speakers II.

This course is designed for the student who wants more than the minimum world 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. 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. Much of the course will be conducted in Spanish. (*This course carries the honors/advanced G.P.A. weighting.*)

015191-015192 AP Spanish V (Year; 1 credit)

Prerequisite: Honors Spanish IV

This course will be conducted in Spanish. It is designed for the student who wants the opportunity to prepare for college-level classes in Spanish. There will be a focus on the communicative themes and skills that will be needed on the College Board AP exam in the Spanish 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 and videos on cultures, history and literature of the Spanish-speaking world. (*Please see the section at the beginning of this guide concerning AP exams.*) (*This course carries the honors/advanced G.P.A. weighting*)

016021-016022 Bilingual Studies (Year; 1 credit)

Prerequisite: Teacher or Counselor recommendation.

This course is for speakers of other languages who are learning study skills through ESL methodologies. The student will receive individual tutoring in applying skills in subjects such as history, social studies, math and science.

015161-015162 Spanish for Heritage Speakers I (Year; 1 credit)

Prerequisite: Teacher or Counselor recommendation.

This course supports, reinforces, and expands students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), this course may move faster than do regular Spanish world language courses and emphasize literary development (with a study of literature and composition). This course also includes the culture or history of the people and introduce translation skills. *Counts as a world language credit.*

015171-15172 Spanish for Heritage Speakers II (Year; 1 credit)

Prerequisite: Spanish for Heritage Speakers I, Teacher/Counselor recommendation.

This course builds on the skills and knowledge students acquired in Spanish for Heritage Speakers I. This course supports, reinforces, and expands students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), this course may move faster than do regular Spanish world language courses and emphasize literary development (with a study of literature and composition). This course also includes the culture or history of the people and introduces translation skills. *Counts as a world language credit.*

015251-015252 Language in the Community (Year; 1 credit)

Prerequisite: Passing grade in AP Spanish V or AP French V.

This course will be taught in both French and Spanish. In this course, students will learn about the current use of these languages in the Bloomington-Normal community. They will go on field trips to meet professionals who provide language services to speakers of Spanish/French, and will learn the basics about translating theory, language accessibility, and best

practices in translation and basic interpreting. Specifically, students in this course will get real-world service-learning experience translating documents such as brochures and how-to guides to help new residents of Bloomington-Normal who speak French/Spanish. *Counts as a world language credit.*

MATHEMATICS

All courses in the Mathematics Department at Bloomington High School have been aligned with the Illinois State Learning Standards.

021277-021278 Algebra Co-Taught (Year; 1 credit)

Prerequisite: Teacher or Counselor 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.*

021241-021242 Algebra I (Year; 1 credit)

Prerequisite: Teacher or Counselor 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. Learning to work with equations, inequalities, polynomials, functions, graphing with special emphasis on problem-solving techniques, using 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.*

021257-021258 Geometry Co-Taught (Year; 1 credit)

Prerequisite: Algebra I with Teacher recommendation or successful completion of Algebra Co-Taught, 2 hr. block.

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

021251-02152 Geometry (Year; 1 credit)

Prerequisite: Successful completion of Algebra I or Algebra Co-Taught.

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.*

021261-021262 Honors Geometry (Year; 1 credit)

Prerequisite: Grade of B or higher in Algebra 1 and Teacher 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. This course carries the Honors G.P.A. weighting.*

023271-02372 Consumer Math (Semester; ½ credit, or Year; 1 credit)

Prerequisite: Successful completion of Geometry, Geometry Co-Taught, or Honors Geometry.

This course is designed for juniors and seniors who are interested in developing the math skills they will need now and later in life. This course emphasizes the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives and will develop the math skills needed to be an intelligent consumer in today's society. Topics will include the mathematics of personal income, buying a car and related expenses, purchasing various types of insurance, housing, unit pricing, discounts and mark-ups, banking, budgeting, investments, taxes, travel and fitness.

022247-02248 Algebra II Co-Taught (Year; 1 credit)

Prerequisite: Geometry with Teacher recommendation or successful completion of Geometry Co-Taught, 1 hr. block.

Algebra II (Co-Taught) is designed as a third course in high school mathematics for students who benefit from extra support systems provided by the Special Education department. It covers all topics of a second-year Algebra course with emphasis on functions and their practical applications. An interactive approach helps students increase their knowledge of mathematics, sharpen their problem-solving skills, and raise their overall confidence in their ability to learn. Technology integrated throughout the course helps students interpret real-life data algebraically, numerically, symbolically, and graphically. The course develops students' mathematical literacy and builds a solid foundation for future study in mathematics and meaningful work. Instruction is based on the TI-83/84 graphing calculator.

022241-02242 Algebra II (Year; 1 credit)

Prerequisite: Successful completion of Geometry, Geometry Co-Taught, or Honors 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.*

022251-02252 Honors Algebra II (Year; 1 credit)

Prerequisite: Geometry with Teacher recommendation or successful completion of Honors Geometry.

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. This course carries the Honors G.P.A. weighting.*

023241-023242 Pre-Calculus (Year; 1 credit)

*Prerequisite: Algebra II Co-Taught with Teacher recommendation, successful completion of Algebra II/Trigonometry.
Not recommended for students who want to take AP Calculus.*

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.*

023251-023252 Honors Pre-Calculus (Year; 1 credit)

*Prerequisite: Algebra II with Teacher recommendation or successful completion of Honors Algebra II/Trigonometry.
Strongly recommended for students who want to take AP Calculus.*

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. This course carries the Honors G.P.A. weighting.*

023261-023262 Applied Statistics (Year; 1 credit)

Prerequisite: Geometry

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.*

024241-024242 AP Statistics and Probability (Year; 1 credit)

Prerequisite: Algebra II 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. *Please see the section at the beginning of this guide concerning AP exams. Graphing calculators such as a TI-83 Plus, TI-84, or the TI-89 are required. This course carries the honors/advanced G.P.A. weighting.*

024251-024252 AP Calculus AB (Year; 1 credit)

Prerequisite: Pre-Calculus with teacher recommendation OR Honors Pre-Calculus.

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. *Please see the section at the beginning of this guide concerning AP exams. Graphing calculators are required: TI-89 is recommended. This course carries the honors/advanced G.P.A. weighting.*

024255-024256 AP Calculus BC (Year; 1 credit)

Prerequisite: AP Calculus AB

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. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting.*

024271-024272 Transitional Math (Year; 1 credit)

Prerequisite: Senior standing; Teacher or Counselor recommendation.

This course follows a Quantitative Literacy and Statistics Math course framework that is designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain include, but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion, students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. This course is delivered through authentic application, problem based instruction designed to build mathematical conceptual understanding and critical thinking skills. *Heartland Community College will ensure that any student successfully completing a transitional math course with a C or better is eligible to enroll in the applicable outcome college math course without any further placement test or other prerequisite requirement, provided the enrollment occurs within 18 months of the transitional math course completion as indicated on the high school transcript.*

024265 MATH 111: Finite Math for Business and Social Science (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): Junior or Senior standing

Application to Heartland Community College (HCC)

Qualifying Accuplacer (placement at college level English) or ACT/SAT score required

Completion of MATH 106 or MATH 109 with a grade of C or higher OR Placement at MATH 111 or higher AND

Completion of MATH 098 with a C OR Placement out of Geometry AND

Placement at ENGL 099/101 or higher OR Concurrent enrollment in ENGL 098

This class focuses on applications of the following topics: matrices, matrix algebra, linear programming, sets and counting techniques, probability, and the mathematics of finance. *A graphing calculator is required for this course. instruction will be based on a TI 83+. This class may be taken as a Dual Credit/course with Heartland Community College: MATH 111. 4 credit hours possible. Accuplacer OR ACT/PSAT/SAT required*

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 image 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 image on life and work in contemporary society.

031327-031328 Biology Co-Taught (Year; 1 credit)

Prerequisite: Freshman standing; Current teacher or case manager recommendation to sign up for the class

Biology I is an introductory biology laboratory course and is designed for the student with little or no biology background. It is a one-year course intended to increase student awareness of and appreciation for the living world and to create scientific literacy. Biology I is inquiry-based course that studies homeostasis and body systems, photosynthesis, cellular respiration, DNA, transcription, translation, mutations, genetics, evolution, population dynamics, and biodiversity. Laboratory activities will frequently be used to illustrate the concepts to be learned. Individual and group projects will also be assigned to further investigate certain subjects.

032311-032312 Biology I (Year; 1 credit)

Prerequisite: Freshman standing

Biology I is an introductory biology laboratory course and is designed for the student with little or no biology background. It is a one-year course intended to increase student awareness of and appreciation for the living world and to create scientific literacy. Biology I is inquiry-based course that studies homeostasis and body systems, photosynthesis, cellular respiration, DNA, transcription, translation, mutations, genetics, evolution, population dynamics, and biodiversity. Laboratory activities will frequently be used to illustrate the concepts to be learned. Individual and group projects will also be assigned to further investigate certain subjects.

032341-032342 Honors Biology I (Year; 1 credit)

Prerequisite: Freshman standing

Honors Biology is an in-depth and fast-paced approach to biology that uses inquiry-based curriculum to study: homeostasis and body systems, photosynthesis, cellular respiration, DNA, transcription, translation, mutations, genetics, evolution, population dynamics, and biodiversity. It is a one-year course intended to increase student awareness of and appreciation for the living world and to create scientific literacy. Laboratory activities will frequently be used to illustrate the concepts to be learned. Individual and group projects will also be assigned to further investigate certain subjects. The topics and depth of coverage will offer a rigorous and challenging introductory life science course. *This course carries the Honors G.P.A. weighting.*

031317-031318 Introductory Physical Science Co-Taught (Year; 1 credit)

Prerequisite: Sophomore standing; concurrent or prior enrollment in Algebra I. Current teacher or case manager recommendation to sign up for the class

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.

031311-031312 Introductory Physical Science (Year; 1 credit)

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.

031337-31338 Chemistry Co-Taught (Year; 1 credit)

Prerequisite: Sophomore or Junior standing; Current Teacher, co teacher or case manager

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.

033311-03312 Chemistry I (Year; 1 credit)

Prerequisite: Geometry or concurrent enrollment or departmental authorization.

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.

033331-033332 Honors Chemistry I (Year; 1 credit)

Prerequisite: Honors Biology or Biology I; concurrent enrollment in Algebra II or departmental authorization.

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. *This course carries the Honors G.P.A. weighting.*

034311-034312 Physics I (Year; 1 credit)

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.*

034331-034332 Honors Physics I (Year; 1 credit)

Prerequisite: Algebra II or with 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. This course carries the Honors G.P.A. weighting.*

034391-034392 AP Physics C, combined (Year; 1 credit)

Prerequisite: Honors Physics or Physics I; and concurrent enrollment in Honors Pre-Calculus or Calculus or departmental authorization.

AP Physics is a lab-based, student-centered course for those interested in receiving college credit through the AP program. The course follows the College Board Advanced Placement Syllabus for the AP Physics "C" course, covering *Mechanics* and *Electricity and Magnetism*, 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 credits. 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. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting.*

032351-032352 Anatomy and Physiology (Year; 1 credit)

Prerequisite: Junior or Senior standing and completion of Biology I and IPS or Chemistry or departmental authorization.

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.

033391-033392 AP Chemistry (Year; 1 credit)

Prerequisite: Grade of B or better in Chemistry I or Honors Chemistry I; Physics I or Honors Physics I or with 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. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting.*

032361-032362 Environmental Science (Year; 1 credit)

Prerequisite: Junior or Senior standing and completion of Biology I and IPS or Chemistry, or Physics or departmental authorization.

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.

032381-032382 AP Environmental Science (Year; 1 credit)

Prerequisite: Junior or Senior standing and completion of Biology I and IPS or Chemistry, or Physics; 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. This course carries the honors/advanced G.P.A. weighting.*

032391- 032392 AP Biology (Year; 1 credit)

Prerequisite: Junior or Senior standing and completion of Biology I and Chemistry or departmental authorization.

The course prepares students for the AP Biology Exam in May and is the equivalent of a two-semester college introductory biology course. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting.*

032395-032396 BIOL 114: Contemporary Biology (Year; 1 credit, 4 credit hours from Heartland C. C.)

Prerequisite: Biology and a Physical Science; Heartland entry requirements

This course introduces students to a broad range of biological principles, including organization, structure and function, heredity, evolution, and ecology. Students will demonstrate how their knowledge in biology is relevant to them, their community, and their world. Students will use scientific evidence as the basis for their arguments. Students will improve their skills in relaying biological information to peers and to others. In addition, students will leave with a better understanding of scientific views that differ from their own. The laboratory component will emphasize scientific inquiry and use of knowledge in problem solving. This course is intended for students who are not pursuing a science career. ***This class may be taken as a Dual Credit/course with Heartland Community College: BIOL 114. 4 credit hours possible. Accuplacer OR ACT/PSAT/SAT required***

33395-6 CHEM 120: Fundamentals of Chemistry (Year: 1 credit, 4 credit hours from Heartland C. C.)

Prerequisite: Biology and a Physical Science; Heartland entry requirements

This chemistry survey course is intended for students who plan to pursue a health-related profession or who have an interest in chemistry. The relationship between chemistry and life is emphasized through issues and examples from the health, medical, and environmental fields. Labs are used to reinforce the lecture material. ***This class may be taken as a Dual Credit/course with Heartland Community College: CHEM 120. 4 credit hours possible. Accuplacer OR ACT/PSAT/SAT required***

32331-2 Earth & Space (Year; 1 credit)

Prerequisite: Biology

This course introduces students to the study of the earth from a local and global perspective. In these courses, students typically learn about time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Advanced topics often include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.

SOCIAL SCIENCE

Social Science Essential Learner Outcomes

- Students will understand how human needs are satisfied based on cultural differences (economics, values, religion, life styles, and 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.

041427-041428 World History Co-Taught (Year; 1 credit)

Prerequisite: Freshman standing and Teacher or Counselor Recommendation.

This course is intended to acquaint students with the major periods of the history of western civilization and the non-western world in a supportive, Co-Taught structure. Students will benefit from having two certified teachers to support them in their study of World History. From the Renaissance through the rise of nation states, from the Napoleonic Era through the Industrial Revolution, from World Wars I and II through the Cold War, the students will have the opportunity to explore and/or investigate many fascinating people, places, and events.

041431-041432 World History (Year; 1 credit)

Prerequisite: Freshman standing

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.

041441-041442 Honors World History (Year; 1 credit)

Prerequisite: Freshman standing and Teacher or Counselor Recommendation.

This course is intended for the highly motivated Freshman taking an honors and AP schedule during the four years at BHS. The course follows the same chronological outline as World History, moving from Renaissance to Industrial Revolution in the first semester and Imperialism to modern events the second. While the text book is the primary source of information, outside material will be assigned with the intention of drawing parallels between historical forces at work in the past and today's modern world. Students will work at developing their interpretive and analytical skills along with writing skills helping to prepare them for an AP American History class. *This course carries the Honors G.P.A. weighting.*

043437-043438 American History Co-Taught (Year; 1 credit)

Prerequisite: World History or World History Co-Taught; and Teacher or Counselor Recommendation

This course will be a basic, comprehensive and chronological survey of twentieth century American history in a supportive, Co-Taught structure. Students will benefit from having two certified teachers to support them in their study of American history. Topics to be included are: Turn of the Century Urbanization and the Progressive Movement, U.S. Imperialism and World War I, the Roaring Twenties, The Great Depression and the New Deal. Also included are World War II, the Cold War, the Civil Rights Movement, the Vietnam Era, the downfall of American society, the Carter and Ford years.

043411-43412 American History (Year; 1 credit)

Prerequisite: World History or World History Co-taught

This course will be a basic, comprehensive and chronological survey of twentieth century American history. Topics to be included are: Turn of the Century Urbanization and the Progressive Movement, U.S. Imperialism and World War I, the Roaring Twenties, The Great Depression and the New Deal. Also included are World War II, the Cold War, the Civil Rights Movement, the Vietnam Era, the downfall of American society, and the Carter and Ford years.

043491-043492 AP United States History (Year; 1 credit)

Prerequisite: Honors World History or World History and Sophomore standing.

This course covers American History with college-level expectations and engagement. The credits 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. This course carries the honors/advanced G.P.A. weighting.*

044417 Government / Civics Co-Taught (Semester; ½ credit)

Prerequisite: American History or American History Co-Taught and Junior or Senior standing.

This course is intended to provide extra support for students by having two certified teachers assisting them in their study of U.S. Government. It 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.

044410 Government / Civics (Semester; ½ credit)

Prerequisite: American History or American History Co-Taught and Junior or Senior standing.

This course will deal with the background, organization and operation of the central government of the Credited 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.

044415 AP United States Government and Politics (Semester; ½ credit)

Prerequisite: American History and 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 Credited 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. This course carries the honors/advanced G.P.A. weighting.*

044430 African-American Studies in History (Semester; ½ credit)

Prerequisite: American History and Junior or Senior standing.

Black literature in America defines the human experience. Through literary and critical analysis of five historical narratives, we will explore literary works that expose black America from slavery to the Civil Rights Movement. Students will read one book per month, and participate in literature discussion circles, personal reflection essays, textual and quote analysis, chapter maps, and summative paper assessments.

044440 Multicultural Studies (Semester; ½ credit)

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 Credited States.

044450 Economics (Semester; ½ credit)*

Prerequisite: American History and Junior or Senior standing.

This course emphasizes not only the American economic system, but also the global economy. Specific units will cover microeconomic issues such as the law supply and demand, factors of production, and the business cycle. Macroeconomic issues will include money and banking, monetary and fiscal policy, international trade and comparative economic systems. We will be touching on the history of economic thought as well as current economic issues. A highlight of this course is the economic summit activity which involves extensive research and high level critical thinking in a global economic simulation. This is a challenging and very rewarding class that prepares students for college level economics courses.

***This course meets the state consumer education requirement.**

081880 Consumer Economics (Semester; ½ credit)*

Prerequisite: Sophomore, 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 state consumer education requirement.**

044460 Sociology (Semester; ½ credit)

Prerequisite: American History and Junior or 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 sexual mores. Course work will be complemented by a field trip to a correctional center, guest speakers, surveys, role-playing and class discussion.

044470 Psychology (Semester; ½ credit)*

Prerequisite: American History and Junior or Senior standing

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.

044481-044482 AP Psychology (Year; 1 credit)*

Prerequisite: American History and Junior or Senior standing

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 Advanced 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. This course carries the honors/advanced G.P.A. weighting.*

***Students must choose to take Psychology OR AP Psychology. For example, if a student takes Psychology, he/she cannot continue on to take AP Psychology.**

044471 Practical Law (Semester; 1/2 credit)

Prerequisite: None

Street law, or fundamentals of law, is a course designed to give students access to some of the topics that are covered in American law schools. This course will cover criminal law, constitutional law, contract law, consumer law, family law, and many other areas that provide the foundation for litigation in the United States. Students will be involved in discussions as to how laws are made, applied, changed, and debated. The goal of the course will be to provide insights as to how and why private citizens, businesses, and government interact and seek solutions to everyday issues that people face throughout the United States.

43495 HIST 135: History of the US to 1865 (Semester; 1 credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): American History, or concurrent enrollment; Heartland entry requirements.

This course covers the major political, social, economic and diplomatic trends that have shaped the United States from the early explorations of America to the Civil War and Reconstruction. ***This class may be taken as a Dual Credit/course with Heartland Community College: HIST 135. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required***

HEALTH AND PHYSICAL EDUCATION

051510-051520 Health & Physical Education 9 (Year; 1 credit)

Prerequisite: None

This course includes one semester of physical education and one semester of health education. In physical education, an emphasis is placed on learning the basic components of fitness while maximizing student participation in a variety of activities that promote the learning and health benefits of moderate to vigorous exercise. Students are introduced to a variety of activities in team and individual sports. The activities include general fitness, an introduction to weight training, soccer, basketball, and volleyball. A four-week swimming and water safety credit, which includes CPR (cardiopulmonary resuscitation) instruction, is part of this course. In Health education, the student studies such topics as mental/emotional health, substance use and abuse, healthy relationships, sexual education, disease prevention, and basic nutrition.

053521-053522 PE 10/11/12 Individual (Year; 1 credit)

Prerequisite: PE 9/Health

This course provides students choices that match the individual student to activities geared toward personal interest and ability. All choices will focus on the principles of fitness and work to maximize student participation and effort using a variety of activities. Sports and activities such as golf, tennis, bowling, and a basic introduction to weight training may be included.

053551-053552 Team PE (Year; 1 credit)

Prerequisite: PE 9/Health

This class offers opportunities for students to participate in team sports, such as tennis, flag football, jogging, volleyball, basketball, badminton, and aquatic games. At times, 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. All choices will focus on the principles of fitness and work to maximize student participation and effort using a variety of activities. Some less competitive sports could be played; game play and rule modifications may be used to maximize student participation.

054513-054514 Physical Education 11/12 (Weight Training) (Year; 1 credit)

Prerequisite: Completion of Health and PE 9; Junior/Senior standing; Sophomores may be added based on availability of space and Teacher recommendation.

This class is an alternative to PE 10/11/12 and introduces students to weight training methods that can be used to develop muscular strength and endurance. This course instructs students in weight room safety and proper lifting techniques. It also incorporates cardiovascular fitness activities, as well as instruction on flexibility and body composition.

054523-054524 Unified PE Peer Mentoring (Year; 1 credit)

Prerequisite: Junior or Senior standing and Teacher recommendation

Students opting to work as a peer mentor will work with students with special needs in the Unified PE art course. Peer mentors will participate in PE activities along with their Unified PE peer and help their partner participate in varied PE activities.

054540 Dance Fitness (Semester; ½ credit)

Prerequisite: PE 9/Health

Dance fitness course is a moderate to vigorous dance fitness course which gives students an fun alternative to traditional athletic based Physical Education. Dance fitness is composed of Aerobic Dance (werq, Zumba, & aerobic drumming), cultural dance (international, American, Decades, heritage), yoga, fitness, and contemporary dance (hip hop & freestyle dance). This course is designed to give students the opportunity to express themselves both physically and emotionally through a nontraditional Physical Education setting while still giving them the opportunity to be active lifelong learners. This course is designed for ALL students of all skill levels.

BUSINESS AND APPLIED TECHNOLOGY

BUSINESS

061140 Computer Applications (Semester; ½ credit)

Prerequisite: None

This course provides an introduction to applications and skills students will use now and in future careers. The focus of the course will be on Google Applications. The students will learn how to use Google Applications such as Google Docs, Google Sheets, Google Slides, and many more. These applications will be used in high school, but also in the collegiate space and workplace. Students will learn to navigate the Google G Suite Drive, store documents using Google Drive, collaborate with Google Docs, Slides, and Drawings, and collaborate with Google Sheets and Forms.

062130 Introduction to Business (Semester; ½ credit)*

Prerequisite: None

This personal financial literacy class is offered through the Business Department. ***This course meets the Illinois State Consumer Education requirement for graduation.** Personal financial literacy addresses how students should plan for their financial security. The class focuses on their banking, credit, auto purchasing, insurance, investing, and budgeting practices. Students are introduced to different economic systems but focus on their role in our American free-enterprise system.

062140 Business Management (Semester; ½ credit)

Prerequisite: None

This course will introduce students to the fundamental management functions including planning, organizing, leading and controlling from multiple perspectives. The course is designed with a skills based approach and focuses on communication (oral, writing, non-verbal and listening), problem solving, teamwork, decision-making, conflict resolution, and critical analysis. Business Management will cover topics such as the environment of business, characteristics of business, managing and management responsibilities, business organization and law, financial management, technology and communication, production and marketing management, and human resources.

061180 Entrepreneurship (Semester; ½ credit)

Prerequisite: Introduction to Business or Business Management.

This class is geared towards developing the student's entrepreneurial spirit. Even if a student does not wish to own their own business, he/she can benefit from this class. In addition to learning how businesses are created and managed, the class provides basic job readiness instruction (job application, resume, interviewing, problem-solving, and work ethics). Students will switch hats from thinking/acting like an employee to understanding why employers operate their businesses to make a profit. All Entrepreneurship students will build a business to collectively build our classroom city. This 9-week project will put into action the topics covered in the first 9-weeks of the semester.

061170 Career Exploration (Semester; ½ credit)

Prerequisite: None; Freshman standing; Sophomore standing with Counselor recommendation.

This course helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers and life post Bloomington High School. This course exposes students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

63135 EDUC 101: Introduction to Education (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC);

Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required;

Placement at college level English OR concurrent enrollment in ENGL 099/101.

This course provides an introduction to the American education system and teaching as a profession. Throughout the course students will be offered a variety of perspectives on education including: historical, philosophical, social, legal, and ethical issues in a diverse society. A study of organizational structure and school governance will also be included. A minimum 15-hour clinical component is required for this class. *Note: Students who enroll in EDUC 101 will be required to undergo a criminal background check by a college selected vendor. A clear background check is mandatory in order to complete the course/state required 15 hour clinical component for each class. The cost of the background check will be added as a course fee. ***This class may be taken as a Dual Credit/course with Heartland Community College: EDUC 101.3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required**

063150 Accounting I (Semester; ½ credit)

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.

063160 Accounting II and Finance (Semester; ½ credit)

Prerequisite: Accounting I or Teacher Approval; may be taken 1st or 2nd semester.

This course is designed for students who plan on specializing in accounting and/or business finance and want to 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.

064110 Business Law (Semester; ½ credit)

Prerequisite: Introduction to Business or Business Management.

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 as well. The students will participate in many case studies that will challenge them to think as a consumer, ethical individual, and a participant in the court of law.

064140 Sports & Entertainment Marketing (Semester; ½ credit)

Prerequisite: Introduction to Business or Business Management.

This course introduces students to the Sports & Marketing Industry. As a class, the students will learn the basics of marketing and then use that knowledge to learn and dissect the industry of sports and entertainment. Students will participate in case studies of plays, such as Hamilton, and sports teams, both amateur and professional. Through discussion and project-based learning, all students will gain an understanding of the industry as a whole and the individual pieces that make up this industry.

064130 DMED 110 Web Page Design (Semester; ½ credit, 3 credits from Heartland c.c.)

Prerequisite: Computer Applications; Application to Heartland Community College (HCC).

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. ***This class may be taken as a Dual Credit/Enrollment course with Heartland Community College: DMED 110. 3 credit hours possible. No tuition, textbook fees, or prerequisite test scores required.***

081895 SCED 105: Life Success (Semester; ½ credit, 3 credits from Heartland C.C.)

Prerequisite: Junior or Senior standing; Application to Heartland Community College (HCC).

This course will help students gain awareness of their academic career and personal selves and facilitate development in each of these areas. Focus will be placed on gaining knowledge of each self, identifying areas of strength and those needing improvement and mastering the tools necessary to achieve growth in these life areas. ***This class may be taken as a Dual Credit/Enrollment course with Heartland Community College: 3 credit hours with Heartland Community College. No tuition, textbook fees, or prerequisite test scores required.***

INDUSTRIAL TECHNOLOGY

072731-2 Graphic Communications (Year; 1 credit)

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.

072771-072772 Energy and Power (Year; 1 credit)

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.

072781-072782 Introduction to Engineering Design (Year; 1 credit)

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, computer models of product solutions are created, analyzed and communicated using solid modeling computer design software. Toward the end of each credit, a design activity follows.

072791-072792 TECH 121 Principles of Engineering (Year; 1 credit, 3 credit hours from Heartland C. C.)

Prerequisite: Introduction to Engineering Design; 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. Students will participate in the design, development, construction, and testing of several projects. Projects will include working with a marble sorter, ballistics launcher, simple machines, bridges, and materials testing. Student learning is enhanced through the use of programming, modeling, static engineering, and materials testing software. Math and science concepts/methods are introduced and reinforced including Calculus as it applies to engineering for students that currently enrolled in Pre-Calculus and/ AP Calculus. The student will also do research projects using the Internet and other resources. Microsoft Office programs such as Word, Excel, and Power Point are also used in this class.

This class may be taken as a Dual Credit/Enrollment course with Heartland Community College: TECH 121. 3 credit hours possible. No tuition, textbook fees, or prerequisite test scores required. Junior or Senior standing required to obtain dual credit.

FAMILY & CONSUMER SCIENCE

081810 Interior Design (Semester; ½ credit)

Prerequisite: None

This course builds a foundation for students to understand basic visual art principles and apply them to real world situations. Students will explore visual art principles such as balance, line, harmony, color theory, and many more cross curricular design concepts. Students will also be able to express themselves creatively while working on course projects. This course will also expose students to the basics of careers such as visual merchandising, retail merchandising, interior design, architecture, retail marketing, and more. Interior Design will also focus on the business side by developing budgeting skills as they design rooms and homes for prospective clients.

081816 Clothing Construction (Semester; ½ credit)

Prerequisite: None

Clothing Construction includes both classroom and laboratory experiences in several areas within the textiles, garment construction, and fashion design world. Students will be introduced to sewing machine safety and proper usage, sewing tools, sewing vocabulary, basic textile principles, sewing patterns and layout, properly reading sewing patterns/instructions, measuring/sizing, and clothing construction techniques. Students will also participate in sewing lab projects that correspond with each unit. Students will also complete a variety of other projects and activities that relate to class material including creating their own portfolio/project of sewing techniques they have learned. This information will be continued within the *Fashion* course.

081820 Foods I (Semester; ½ credit)

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 credits may include knife skills, the use of herbs and spices, preparation of meat and eggs, and the science of baking. The culminating assessment would be the ServSafe exam. This exam, and the certificate it awards when passed, is a requirement for employment in most restaurants and food-service establishments. Normally, when hired, the employee cannot begin working until they have passed the ServSafe exam, and the cost of the exam is taken out of their first paycheck. Passing this exam in Foods 1 gives them a leg-up for employment.

081830 Foods II (Semester; ½ credit)

Prerequisite: Foods I

This course would focus on advanced food preparation techniques. This would include topics such as advanced food preparation skills, advanced baking and pastry techniques, exploration into international foods/cuisines, and a “Designing a Food Truck” project. This course is an extension of Foods I and is built on the basic skills students learn in Foods I. This course continues to allow students to develop the skills necessary to plan and prepare nutritious meals and snacks for future life. The experiences in the food lab will help students learn proper cooking techniques and meal management while working in a group setting. Beyond the basics of nutrition, students will examine a variety of topics such as sports nutrition, ethnic cooking, cake decorating, and consumer product testing.

081840 Child Development (Semester; ½ credit)

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.

081851 Fashion (Semester; ½ credit)

Prerequisite: Clothing Construction; or Teacher recommendation.

Fashion includes both classroom and laboratory experiences in several areas within the textiles, garment construction, and fashion design world. This course will be a continuation of Clothing Construction that explores concepts including the history of fashion, the fashion industry, the textiles industry, careers in fashion, designing clothing, personal shopping, color/design theory, fashion for all body types, personal color seasons, and research of fashion designers. Students will also participate in sewing lab projects that correspond with each unit. Students will complete a variety of other projects and activities that relate to class material including a fashion designer research project, personal shopper project, designing for clients project, and retail store portfolio.

081890 Psychology for Living (Semester; ½ credit)

Prerequisite: Junior or Senior standing.

This course will create an atmosphere of self-reflection 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. Emphasis is placed on the development of mindfulness skills, emotion regulation techniques, interpersonal effectiveness, and decision-making strategies to assist individuals in responding to situations presented in family relationships and the workplace.

FINE ARTS DEPARTMENT

ARTS

082911-082912 Art I (Year; 1 credit)

Prerequisite: None

This class 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 projects.

082921-082922 Art II (Year; 1 credit)

Prerequisite: Art I

This class is a second level course for advanced art students who have completed Art I. The first semester will focus on drawing skills, concepts, art history, and criticism. The second semester will focus on painting skills, concepts, art history, and criticism.

082910 Digital Art (Semester; ½ credit)

Prerequisite: None

Students will explore the creative process of art in the digital age. Emphasis will be placed on digital imagery ethics and copyright, image composition, technical skills, and creative expression. Units of study will include contemporary digital arts such as stop motion animation, social media advertising, poster design, website design, web 2.0 applications, comic art, and digital storytelling. Students will use readily available applications.

082930 Ceramics (Semester; ½ credit)

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.

082940 Sculpture (Semester; ½ credit)

Prerequisite: None

Students will create sculptures using a variety of media for carving, construction, casting, and/or modeling. Emphasis will be placed on construction techniques and craftsmanship as well as creative expression.

082950 Printmaking and Design (Semester; ½ credit)

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

This art course 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.

082975 ART 150 Understanding Art (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite: Junior or Senior Standing.

This course is designed to provide an understanding of the role of art in our culture and in contemporary life. Art works from all cultures and periods will be utilized to establish basic language of art and the principles of aesthetic organization. Information regarding the artist's tools, materials, exhibition spaces and the art market will be studied to further illustrate the use of art in our world.

This class may be taken as a Dual Credit/course with Heartland Community College: ART 150.3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.

082980 Photography I (Semester; ½ credit)

Prerequisite: Junior or Senior standing.

Students will explore digital photography and camera properties to create photographs. Students will create photographs using a digital camera with manual functions. Emphasis will be placed on vocabulary, manual settings, camera functions, image composition, photographic history, and creative expression. (Digital camera with manual settings encouraged, but not mandatory.) *Students are expected to take Photography II.*

082990 Photography II (Semester; ½ credit)

Prerequisite: Photography I; Junior or Senior standing.

Students will explore digital photography concepts to create original photographs. Students will create photographs using a digital camera with manual functions. Emphasis will be placed using the medium of photography to convey meaning. (Digital camera with manual settings encouraged, but not mandatory.)

083011-2 Advanced Art Studio I (Year; 1 credit)

Prerequisite: Art II and department recommendation.

Through teacher supervision, students will develop a customized program of study specifically geared to their personal art interests and long-term plans. Through curating group exhibits with peers, students will explore more advanced concepts of visual organization and expression. In addition to developing skills and mastering technique, students will develop an understanding of "artistic voice" and concept.

083021-083022 Advanced Art Studio II (Year; 1 credit)

Prerequisite: Advanced Art Studio I and department recommendation.

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 and exhibit it in a public space. The Advanced Art Studio II helps prepare the student for an art related career as well as for personal artistic growth and reflection.

082991-082992 AP Studio Art (Year; 1 credit)

Prerequisite: Art II and department recommendation.

Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. The portfolios they may submit are 2-D Art & Design, 3-D Art & Design, and/or Drawing. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting.*

083031-083032 Unified Art Peer Mentoring (Year; 1 credit)

Prerequisite: Junior or Senior standing and Teacher recommendation.

Students opting to work as a peer mentor will work with students with special needs in the unified art course. Peer mentors will engage in art activities and help their mentees participate in art making.

083035 HUMA 101: Introduction to the Humanities (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): Junior or Senior standing.

Application to Heartland Community College (HCC).

Qualifying Accuplacer (placement at college level English) or ACT/PSAT/ score required.

Placement at college level English OR Concurrent enrollment in ENGL 099/101.

Introduction to the Humanities is the study of social and cultural values as expressed through the major art forms, including painting, sculpture, architecture, literature, drama, music, dance, film, and photography. The course will examine the elements and formal qualities that are characteristic of each art form, the relationships between the arts, and the social and historical contexts from which they developed. ***This class may be taken as a Dual Credit/course with Heartland Community College: Huma 101. 3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.***

005070 Drama I (Semester; ½ credit)

Prerequisite: Teacher or 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.*

005080 Drama II (Semester; ½ credit)

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.*

005091-005092 Advanced Actor Studio: (Year; 1 credit)

Prerequisite: Drama I&II or Teacher Recommendation.

This advanced course is designed to meet student needs in the following areas: theories of acting, directing, play production, musical theater, playwriting, auditions, and advanced acting techniques. This course is designed as a guide to developing the student as an actor and theater artist. All students will analyze various scripts, perform scenes/songs and monologues in class, write in various modes, and will participate to their full ability in class activities. Students will be required to participate in one public performance worked on in class per semester.

MUSIC

086910 Band-Winds (9-12; First semester) (Semester; ½ credit)

Prerequisite: BJHS Band classes with passing grade or audition. For performers of wind instruments only.

The first semester of a year-long, comprehensive band program, is a marching ensemble for the first nine weeks of the semester, appearing at football games, competitions, festivals and civic parades. Following marching season, students are divided into concert ensembles to perform in a winter program. Marching band is required of *all* band students.

086920 Band-Percussion (9-12; First semester) (Semester; ½ credit)

Prerequisite: BJHS Band classes with passing grade or audition. For performers of percussion instruments only.

The first semester of a year-long, comprehensive band program, is a marching ensemble for the first nine weeks of the semester, appearing at football games, competitions, festivals and civic parades. Following marching season, students are divided into concert ensembles to perform in a winter program. Marching band is required of *all* band students.

086913 Band-Color Guard (Semester; ½ credit)

Prerequisite: Placement by audition only.

The Color Guard performs as a unit of the marching band for the first nine weeks of the semester, performing at football games, competitions, festivals and civic parades. Following marching season, students begin development of additional skills, including dance technique, warm up routines, and use of other equipment. Students will also have the opportunity to create their own choreography, design costumes and equipment, and learn the production elements of pageantry arts. Students receive one semester of physical education credit.

086930 Concert Band-Gold (9-12; Second semester) (Semester; ½ credit)

Prerequisite: BJHS Band classes with passing grade or audition.

The concert band program is a continuation of the year-long band class, but divided into concert ensembles based on instrumentation and experience. The ensembles play a variety of appropriately leveled literature, perform several concerts and may participate in regional and state festivals. Purple and Gold bands combine at the end of the year to begin preparation for marching band parades and other public events.

086940 Concert Band-Purple (9-12; Second semester) (Semester; ½ credit)

Prerequisite: BJHS Band classes with passing grade or audition.

The concert band program is a continuation of the year-long band class, but divided into concert ensembles based on instrumentation and experience. The ensembles play a variety of appropriately leveled literature, perform several concerts and may participate in regional and state festivals. Purple and Gold bands combine at the end of the year to begin preparation for marching band parades and other public events.

087911-087912 Concert Orchestra (Year; 1 credit)

Prerequisite: BJHS Orchestra with passing grade or audition.

The concert orchestra will focus on fundamental and intermediate skills and techniques necessary following Junior High orchestra, and will perform a wide variety of appropriately leveled repertoire. The concert orchestra meets as a string orchestra for the full year. The concert orchestra performs concerts, appears in festivals, and enters contests as determined by the teacher.

088011-088012 Chamber Orchestra (Year; 1 credit)

Prerequisite: BJHS Orchestra with passing grade and recommendation by BHS Orchestra teacher.

The chamber orchestra will focus on advanced skills and techniques, and will perform a wide variety of challenging repertoire. The chamber orchestra meets primarily as a string orchestra and occasionally as a symphonic orchestra. The chamber orchestra performs concerts, appears in festivals, and enters contests as determined by the teacher.

088911-088912 Concert Choir (Year; 1 credit)

Prerequisite: Recommendation of BJHS Choral Director or audition with BHS Choir 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 a choir combined with the other school choirs. These selected seasonal concerts are required as part of the curriculum.

088931-088932 A Cappella Choir (Year; 1 credit)

Prerequisite: Recommendation of BHS Choir Director & audition.

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.

088921-088922 Treble Choir (Year; 1 credit)

Prerequisite: Recommendation of BHS Choir Director & audition.

This is a more advanced ensemble focusing on a wider range of music and giving special attention to the further development of the treble voice. This ensemble performs at choral concerts throughout the school year that are required as a part of the curriculum.

088941-088942 AP Music Theory (Year; 1 credit)

Prerequisites: Junior or Senior standing, recommendation of ensemble director or private instructor, concurrent enrollment in BHS Band, Orchestra or Choir, and consent of the instructor.

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. *Please see the section at the beginning of this guide concerning AP exams. This course carries the honors/advanced G.P.A. weighting.*

088945 MUSI 150: Music Appreciation (Semester; ½ credit, 3 credit hours from Heartland C. C.)

Prerequisite(s): Junior or Senior standing; Application to Heartland Community College (HCC); Qualifying Accuplacer (placement at college level English) or ACT/PSAT/SAT score required; Placement at college level English OR concurrent enrollment in ENGL 099/101.

An introduction to music appreciation and theory for students who do not intend to major in music. This course is designed to provide familiarity with the elements of music and with various musical forms and stylistic periods so the students can actively and perceptively listen to a wide variety of music. The ability to read music is not required for enrollment in MUSI 150. ***This class may be taken as a Dual Credit/course with Heartland Community College: MUSI 150.3 credit hours possible. Accuplacer OR ACT/PSAT/SAT required.**

088951-088952 Unified Music Peer Mentoring (Year; 1 credit)

Prerequisite: Junior or Senior standing and teacher recommendation.

Students opting to work as a peer mentor will work with students with special needs in the unified music course. Peer mentors will engage in music activities and help their mentees participate in music.

088940 Introduction to Guitar (Semester; ½ credit)

Prerequisite(s): None

This course provides students an introduction to, and refine the fundamentals of, music and guitar literature and techniques, such as strumming and chords and may offer instruction in more advanced techniques. Formal and informal performances are typically included as well as experiences in creating and responding to music.

088950 Music Production (Semester; ½ credit)

Prerequisite(s): None

This course prepares students to express themselves through creating music. This course may use conventional or unconventional notation and may include instrumental and vocal music. Along with musical instruments and vocals, technology may be used for creating, recording and performing music. Students will also perform compositions formally or informally and respond to music created in the classroom.

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.*

091001-091002 Project Success (Year; 1 credit)

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.

091011-091012 Instructional Freshman Literature/Composition (Year; 1 credit)

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.

091021-091022 Instructional Sophomore Literature/Composition (Year; 1 credit)

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

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.

091031-091032 Instructional Junior Literature/Composition (Year; 1 credit)

Prerequisite: 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, and 5 paragraph essays to the comprehensive research paper.

091041-091042 Instructional Senior Literature/Composition (Year; 1 credit)

Prerequisite: 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.

091051-091052 Reading Improvement (Year; 1 credit)

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.

091244-091245 Instructional Algebra (Year; 1 credit)

Prerequisite: Placement through the I.E.P. process, Students likely would have completed the Special Ed Pre-Algebra course before taking this class.

This course will include many of the same concepts of the regular education Algebra 1 class, but using a textbook written at an easier reading level. Topics covered will include: Integers, Variables, Properties, Equations (multi-step, 2 variable substitution, elimination), Exponents, Factoring, Coordinate plane, Graphs, charts and tables.

091246-091247 Instructional Geometry (Year; 1 credit)

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

This course is for students who completed Instructional Algebra. There is an emphasis on problem solving, applications and hands-on activities. Students will use a scientific calculator, protractor, compass and ruler in the course.

091248-091249 Instructional Algebra II (Year; 1 credit)

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

This course is for students who completed both Instructional Algebra and Instructional Geometry. It covers all topics of a second-year Algebra course with emphasis on functions and their practical applications. An interactive approach helps students increase their knowledge of mathematics, sharpen their problem-solving skills, and raise their overall confidence in their ability to learn.

091311-091312 Instructional Physical Science (Year; 1 credit)

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. Credits 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.

091321-091322 Instructional Biology (Year; 1 credit)

Prerequisite: 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.

091331-091332 Instructional Earth Science (Year; 1 credit)

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

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.

091420 Instructional Government (Semester; ½ credit)

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

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

091421-091422 Instructional World History (Year; 1 credit)

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

The students will receive a survey of significant cultural and historical events occurring in world history of western civilization and the non-western world. 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.

091431-091432 Instructional American History (Year; 1 credit)

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

This course is arranged in chronological credits 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.

091510 Instructional Health (Semester; ½ credit)

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.

091621-091622 Instructional Consumer Economics I & II (Year; 1 credit)

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

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.

091641-091642 Instructional Computer Applications 1 & 2 (Year; 1 credit)

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

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.*

091651-091652 Unified Art (Year; 1 credit)

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

The unified art course is geared for students in the special education program and provides an individualized art curriculum to fit the needs of each student. Students in this course will have the opportunity to work with a peer mentor to develop their work in many different media.

091531-091532 Unified PE (Year; 1 credit)

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

The Unified PE course is geared to students in the special education program and provides an individualized, adapted PE curriculum to fit the needs of each student. Students in this course will have the opportunity to work with a peer mentor to develop their participation in many different PE activities.

091661-091662 Unified Music (Year; 1 credit)

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

The unified music course is geared for students in the special education program and provides an individualized music curriculum to fit the needs of each student. Students in this course will have the opportunity to work with a peer mentor to create music in an engaging environment.

091717-091718 Pre-Vocational Work Experience E (Year; 1 credit)

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

This class will provide general information about the "World of Work". It is designed for students who are not yet ready to enter the workforce, 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.

091711-091712 Work Experience I (Year; 2 credits)

091721-091722 Work Experience II (Year; 2 credits)

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

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.

092011-092012 English E 9-10 (Year; 1 credit)

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.

092021-092022 Practical Writing (Year; 1 credit)

Prerequisite: Placement through I.E.P. 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...)

092031-092032 English E 11-12 (Year; 1 credit)

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

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.

092311-092312 Basic Physical Science E (Year; 1 credit)

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

This sophomore course is 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, this course explores the fundamentals of physics and how it relates to the world in which we live.

092331-092332 Life Science E (Year; 1 credit)

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

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.

092351-092352 Earth Science E (Year; 1 credit)

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

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.

092431-092432 American History - Government E (Year; 1 credit)

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

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 the entry of the Credited States into the 21st century as a leader in technology, human rights and peace. Federal, state, and local government systems are studied, including the U.S. and Illinois Constitutions.

092510 Health E (Semester; ½ credit)

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

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.

092611-092612 Home Life E I/II (Year; 1 credit)

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

This course teaches basic management skills helping students function and prosper as responsible teens in their independent, post-secondary lives. Skills covered involve 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 cleanup, as well as clothing care.

092613-092614 Home Life E III/IV (Year; 1 credit)

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

This course continues to teach basic management skills helping students prosper as functional responsible teens in their independent, post-secondary lives. Topics taught are: child development, parenting, budgeting, home maintenance and cooking. Vocational self-awareness is also discussed through the completion of interest surveys, career exploration, sources of employment, and job seeking skills.

092631-092632 Consumer Education E I & II (Year; 1 credit)

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

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.

092711-092712 Work Experience E I (Year; 1 credit)

092721-092722 Work Experience E II (Year; 1 credit)

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

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.

093801-093802 DLP (Dynamic Learning Program)

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

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

095665-095666 Peer Tutoring (Year; 1 credit)

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



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 BACC classes require at least two periods each day and are intended for Sophomores, 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 completed to enroll in courses offered through the Bloomington Area Career Center.

Criteria for acceptance:

- *Students must have Sophomore, Junior or Senior status (6 or more credits for Sophomores, 12 or more credits for Juniors & Seniors)*
- *Good attendance (9 or fewer absences in the prior semester)*
- *Meet the prerequisites for the class*
- *GPA of 2.5 or better*
- *Students who have failed core curricular courses may not be accepted until the courses are made up.*

Advanced Certified Nurse Assistant (Year; 2 credits)

Prerequisite: Completion of Nurse Assistant program, CNA certification, and approval from Certified Nurse Assistant instructors. Are you interested in getting hands-on experience in local hospitals, clinics, and medical offices? The Advanced CNA program is an internship program in which students gain learning experiences in local health care facilities. Students will benefit from speakers within the industry, enhance their technical skills, and develop workplace readiness. Students who have completed the BACC Certified Nurse Assistant program have an opportunity to apply for the Advanced CNA program. The top 15 students are chosen based on their clinical skills, grades, attendance, professionalism, communication skills, and leadership qualities. Participating internship sites include, but are not limited to: Carle BroMenn Medical Center, OSF St. Joseph Medical Center, Center for Wound Healing and Hyperbaric Medicine, and Illinois Cancer Care. This class is recommended for students planning for post-secondary education or career attainment.

Automotive Technology I (Year; 2 credits)

Available to: Juniors and Seniors

This course is designed to prepare students for an entry-level job or advanced training in the automotive service and diesel technology field. Students will develop skills in the design, theory, function, and diagnostic procedures of gasoline and diesel engines. In addition, all aspects of the vehicle will be covered, including safety, basic maintenance, braking systems, engine repair, suspension and steering, electrical/electronic, which include modern computer controls and emissions systems. Students will perform automotive service work with an emphasis on shop operating safety procedures.

Automotive Technology II (Year; 2 credits)

Prerequisite: Successful Completion of Automotive Technology 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 safety, basic maintenance, braking systems, engine repair, suspension and steering, electrical/electronic, which include modern computer controls and emissions systems. The students will perform automotive service work with an emphasis on real world shop operating scenarios using teacher and community vehicles. Electric Vehicle theory and application methods including service, diagnostics, and repair.

Barbering I & II (Year;2 credits)

Available to: Sophomores, Juniors, and Seniors

There are tremendous opportunities for a great career in the barbering industry. As a barber, you'll devote your talents to making others look and feel their best. You'll keep up with current trends through practice, instructor demonstrations, and working on mannequins. The barbering industry offers many options for personal growth and many career paths to choose from. Students attend Hairmasters which is a Pivot Point Legacy School. While attending, students demonstrate competencies in several of the classroom modules needed for the required Illinois State Board Exam. All students will focus on one module in the first year and another module in the second year. Classes will also attend the Midwest Beauty Show in Chicago, IL where they are able to network with over 50,000 barbering and cosmetology industry professionals. **Module One** will consist of the basic skills in men's and women's haircutting and styling. Students will practice these skills until they have mastered them based upon industry standards. **Module Two** will consist of furthering skills in men's and women's haircutting and styling as well as adding skills in perming, relaxing, and coloring services. Students then practice these skills until they have mastered them based upon industry standards. All hours accumulated during the student's time at BACC Hairmasters Barbering are credited towards the completion of the 1,500-hour course and licensure.

Certified Nurse Assistant (Year; 2 credits)

Available to: Juniors, Seniors

Are you contemplating a career in health care? The opportunities are unlimited for trained professionals in the healthcare field. Upon successful completion of this course, students are eligible to take the state competency exam to become certified nursing assistants (CNAs). Classroom instruction includes certification in Basic Life Support/CPR and fundamental healthcare principles. Some of these healthcare principles include infection control, safety, patient confidentiality, measuring vital signs, bathing and grooming techniques, nutrition, and transferring residents. Students will participate in hands-on care of residents in long-term care facilities as part of the clinical requirements. Attendance is essential due to the number of state-mandated hours that are required. This class is recommended for students planning for post-secondary education or career attainment. Excellent attendance and communication skills are necessary.

Industry Certifications Available: Certified Nurse Assistant License, HIPAA and CPR/AED Certified



Heartland Community College Dual Credit **NURS110, 8 Credit Hours**

Computer Technology & Networking I (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

The Computer Technology & Networking course is designed to equip both the novice and experienced students with entry-level computer technician proficiencies. Students will work closely with the instructor, an educational technology department, and local technology businesses to better their understanding of the material covered in class. The course will help students become adept with customer support techniques and key computer hardware architecture components, such as: the motherboard, processor, memory, drives, networks, power supplies, and peripheral devices for both desktop and laptop computers. 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 goal is to prepare these students to take the COMPTIA A+ Certification (starting point for a career in IT) and have them available to assist schools' technology departments in a variety of manners. In addition to hardware curriculum, the class will also be working on basic networking knowledge and skills; connecting to a network, connecting to the internet through an ISP, network addressing, network services, wireless technologies, basic security, and troubleshooting your network.

Industry Certifications Available: CompTIA's A+ Certification



Heartland Community College Dual Credit **CTEC101, 3 Credit Hours**
NETW150, 3 Credit Hours
NETW151, 3 Credit Hours

Computer Technology & Networking II (Year; 2 credits)

Prerequisite: Successful Completion of Computer Technology & Networking I

This course builds on the skills introduced in Computer Technology & Networking I. Students learn how to connect and install multiple computers and peripherals together to create a computer network. Students build, configure, and maintain network servers along with installing and configuring various network operating systems such as Novell, Windows, and Linux. Students learn to use troubleshooting services, system monitoring utilities, and data backup and recovery systems. Other topics include learning how to connect various network components such as servers, computers, and printers together using data cabling, hubs, and switches. Students learn to run, terminate, and troubleshoot data cabling. In addition, students learn how to install and upgrade software across the network, as well as map drives and share resources such as printers, software, and files. The course includes setting up and configuring various network services such as TCP/IP, DHCP, DNS, VPN, terminal services, e-mail, and web services. Students learn how to secure and protect network servers and data as well as setting up and configuring a firewall, intrusion detection system, and encryption software for identifying and preventing potential network attacks.

Industry Certifications Available: CompTIA's Net Pro Certification



Heartland Community College Dual Credit

NETW160, 3 Credit Hours

NETW167, 3 Credit Hours

Computer Technology & Networking III (Year; 2 credits)

Prerequisite: Successful Completion of Computer Technology & Networking I and II

This course builds on the skills introduced in Computer Technology & Networking I and II. Internships will be a part of this course along with independent study in the students' area of interest. Cybersecurity is currently the main focus of this course through an online lab simulation application.

Construction Trades I (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

This course provides an opportunity for students who are planning on entering a post-secondary educational program in construction or entering into the workforce at entry level. The focus of this class is hands-on construction. There will be emphasis on foundations, framing, exterior and interior finish, electrical, plumbing, 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 of opportunities in the field of construction.

Industry Certifications Available: OSHA 10-Hour Safety



Heartland Community College Dual Credit

CNST101, 3 Credit Hours

Construction Trades II (Year; 2 credits)

Prerequisite: Successful Completion of Construction Trades I

This course provides an opportunity for students who are planning to enter a postsecondary 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.

Cosmetology I, II, & III (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

Do you want to learn how to braid, style, and perm long and short hair? Then this is the program for you! Students attend Hairmasters, which is a Pivot Point Legacy School. While attending, students demonstrate competencies in two of the five classroom modules needed for the required Illinois State Board Exam. All students will focus on one module in the first year and another module in the second year. Classes will also attend the Midwest Beauty Show in Chicago, 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. Training on manikins will develop an understanding of the shape of the head. Observation will be made of 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 based upon industry standards. **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. Observation will be made of 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 based upon industry standards. All hours accumulated during the student's time at BACC Hairmasters Cosmetology

are credited towards the completion of the 1,500-hour course and licensure. First and second year students may also attend extra hours by attending night school to complete their certification early with the approval of their instructor. The Bloomington Area Career Center will pay for one-night school class.

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

Criminal Justice & Law Enforcement I (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

This program is designed to acquaint students with the various aspects of the criminal justice system, including the structure of law enforcement; procedures of criminal law; the court system; corrections; and juvenile justice. Students will first learn the basics of the criminal justice system and become familiar with criminal law and how it applies to individual rights. United States Supreme Court landmark cases will be examined to have a better understanding of their importance in today's role in our criminal justice system. Students will also hear from experts who will expand their knowledge about the multitude of career opportunities within the criminal justice field. Students will take part in field trips to various locations within the criminal justice specialty areas to see and learn about their daily operations. Students will also take part in various hands-on activities similar to the duties of a police officer, as well as explore aspects of various roles within the police departments, including exploration in forensic science, evidence processing, and steps to properly process a crime scene.

Industry Certifications Available: CPR/AED and Stop the Bleed Certifications

Criminal Justice & Law Enforcement II (Year; 2 credits)

Prerequisite: Successful Completion of Criminal Justice & Law Enforcement I

During this phase of the program, students will have the opportunity to explore more concise and detailed operations of the criminal justice field. Students will participate in various job-shadowing opportunities and off-site visits to select venues to gain a better understanding of specialties and characteristics within the criminal justice field. Independent study units will be used to allow a more advanced insight, as students will research and analyze actual police cases to examine findings and submit recommendations. Students will also have the opportunity to take on leadership and mentoring roles to first-year students and utilize their first-year experiences to assist in guiding students toward a successful year.

Culinary Arts I (Year; 2 credits)

Available to: Juniors and Seniors

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 and workplace safety, and then 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.

Industry Certifications Available: ServSafe Food Handler, ServSafe Food Protection Manager, and ServSafe Allergens Certifications



Joliet Junior College Dual Credit

CA106, 2 Credit Hours

Culinary Arts II (Year; 2 credits)

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. Culinary related field trips and events will be part of the curriculum. Students develop skills that will prepare them for postsecondary education and employment opportunities.

EMT (EMERGENCY MEDICAL TECHNICIAN)-BASIC (Year; 2 credits)

Available to: Seniors

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 National Registry EMT-Basic licensure exam after turning 18 years of age and graduating from high school. Highlights include ride time at the local fire departments and hands-on practical training.

Industry Certifications Available: EMT-B License, CPR and Stop the Bleed Certifications



Heartland Community College Dual Credit

EMT 101, 8 Credit Hours

Fire Science (Year; 2 credits)

Available to: Juniors, Seniors

This program allows students to explore and prepare for a possible career in the Fire Service. Professional Firefighters teach the course. Students will gain lab experience on-site at Bloomington and Normal Fire Stations and will learn technical and manipulative skills. 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. The students will be offered the opportunity to participate in Skills USA, a competition of other fire science students in Illinois. Students must be in good physical condition to enroll in the course, as training will include climbing stairs and crawling with additional equipment and supplies.

Industry Certifications Available: First Responder Certification



Illinois Central College Dual Credit

FRSTK110, 3 Credit Hours

FRSTK113, 3 Credit Hours

Graphic Design & Video Production I (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

Do you want to know how to turn your ideas into digital graphics? Do you have a skill at conceptualizing advertising graphics and want to turn them into usable pieces? Students in this course will develop skills used by digital media graphic designers, desktop publishers, and other members of the multimedia/communications industry. Students will be using industry standard software packages, such as: Photoshop, Illustrator, Final Cut Pro X, Logic Pro, and more. Students will be introduced to drawing techniques, digital photography, page assembly, multimedia production and print technologies, as well as vinyl printing and branded apparel design. Students will also utilize the steps necessary to mass produce digital media designs. If you are considering a career in graphic arts, this is the class for you!

Industry Certifications Available: Adobe Illustrator Software and Adobe Photoshop Software Certifications



Heartland Community College Dual Credit

DMED101, 3 Credit Hours

Graphic Design & Video Production II (Year; 2 credits)

Prerequisite: Successful Completion of Graphic Design & Video Production I

Students in this class will receive intensive study in advanced digital media design. 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 industry as well as preparing for post-secondary education.



Heartland Community College Dual Credit

DMED120, 3 Credit Hours

Graphic Design & Video Production III (Year; 2 credits)

Prerequisite: Successful Completion of Graphic Design & Video Production I and II

Curriculum will be based on student interest, market trends, and business demands. Internships will also be a primary part of the coursework.

Health Careers and Medical Terminology (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

Health Careers and Medical Terminology is a one-year program offered to sophomore, junior, and senior students interested in pursuing a career in the medical field or in public safety. Students will learn basic human anatomy and physiology, a solid foundation in medical terminology, and injury/disease processes. Students will have many opportunities for hands-on training and skills development. It will provide a clear understanding of the first aid process in an emergency situation. The course will explore many medical career options such as Physical and Occupational Therapy, Radiology, Dental Assistant, Nursing, Sports Medicine, X-Ray Technician, as well as Physician specialties. It will give students an up-close look at employment opportunities and educational pathways. Multiple guest speakers from various backgrounds and career opportunities will present to the class.



Heartland Community College Dual Credit

HLTH110, 3 Credit Hours

Robotics & Engineering (Year; 2 credits)

Available to: Sophomores, Juniors, Seniors

Students enrolled in this course will demonstrate the knowledge and skills necessary for robotic and engineering industries. Through implementation of the design process, students will apply concepts learned in physical science and physics classes to mechanical devices. Students will develop skills in mechanical design (CAD), and construction as they work in teams to build simple and complex robotic devices. They will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the engineering fields.

Industry Certifications Available: Onshape (CAD) Certification. Drones Certification & Competitions

Robotics & Engineering II (Year; 2 credits)

Prerequisite: Successful Completion of Robotics I

The second in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical, and engineering principles. Students will learn to design, build, program, and control robotic devices. Additionally, students will explore career opportunities, employer expectations, and educational needs in the engineering fields.

Industry Certifications Available: Onshape (CAD) Certification. Drones Certification & Competitions

Trades & Manufacturing

Available to: Juniors, Seniors

This program will introduce students to trade and manufacturing opportunities in the BACC region. Students will receive an overview of key employer and trade union career opportunities to better understand the needed skills and expectations of local employers and industries. Students will meet at various businesses and union facilities to learn from experts in their fields. Students will be introduced to lean manufacturing and other various manufacturing processes and techniques.

Industry Certifications Available: OSHA 10-Hour Safety

Satellite Campus

Laborers' Training

Available to: Juniors, Seniors Location: Illinois Laborers' & Contractors Stanford, IL

Are you interested in concrete finishing, bridging, mason tending, landscaping, GPS, blueprint reading, and pipe laying? The options and specializations available to Union Laborers are incredible! Upon successful completion of this program, students are eligible to apply for the Laborers' Union apprenticeship program with thirteen of the fifteen required classes for the Laborers' Union Apprenticeship Program. This course is a combination of both classroom instruction and hands-on experiences. Attendance is important for this course. This class is recommended for students who are highly interested in joining the Laborers' Union upon graduation. An interest in hands-on work and a willingness to try new things are essential for this course.

Welding I (Year; 2 credits)

Available to: Juniors, Seniors

Location: Heartland Community College and Tri-Valley High School

This course is designed for students with an interest in the field of manufacturing, which includes machining, sheet metal, computerized machines, and welding. Classroom instruction will include workplace safety, blueprint reading, applied math, training of hand and power tools, and instruction on proper procedures of laboratory equipment. Specialized laboratory learning experiences include planning, manufacturing, assembling, and metal fabricating process. Students will develop skills necessary to continue with post-secondary education or obtain an entry-level position in the manufacturing occupations. Students will also benefit from the business partnership with Caterpillar.

Industry Certifications Available: American Welding Society (AWS) Certification



Heartland Community College Dual Credit

WELD110, 3 Credit Hours

Welding II (Year; 2 credits)

Program held at Heartland Community College and Tri-Valley High School

Prerequisite: Successful Completion of Welding I

Students enrolled in this course will enhance their opportunities for obtaining employment in manufacturing. Students will specialize in an area of interest while mastering blueprint reading, applied math, training of hand and power tools, and instruction on proper procedures of laboratory equipment. Students will also increase the amount of lab experience in the area of Computer Numerical Control (CNC) by using a lathe and vertical mill. Students experience 95% hands-on activities during the second year and may work towards the American Welding Society (AWS) certification in Shielded Metal Arc Welding (SMAW). Students will also benefit from the business partnership with Caterpillar.



Heartland Community College Dual Credit

WELD116, 3 Credit Hours

****Dual Credit is subject to change at the discretion of the community college.****

SkillsUSA

SkillsUSA is a nationally recognized organization that helps high school and college students enhance traits and skills that will help them succeed in the workforce. Members participate in local chapter meetings to develop leadership, teamwork, citizenship, character, and self-confidence as they attend classes to learn career and technical skills. State and National level competitions allow students to display the leadership and occupational skills they have learned throughout the year, and students are assessed by industry-driven standards. SkillsUSA provides access to postsecondary scholarships and training to prepare workers for a lifetime of success in and out of the workplace. Any student enrolled in a BACC program is eligible to participate in SkillsUSA.

