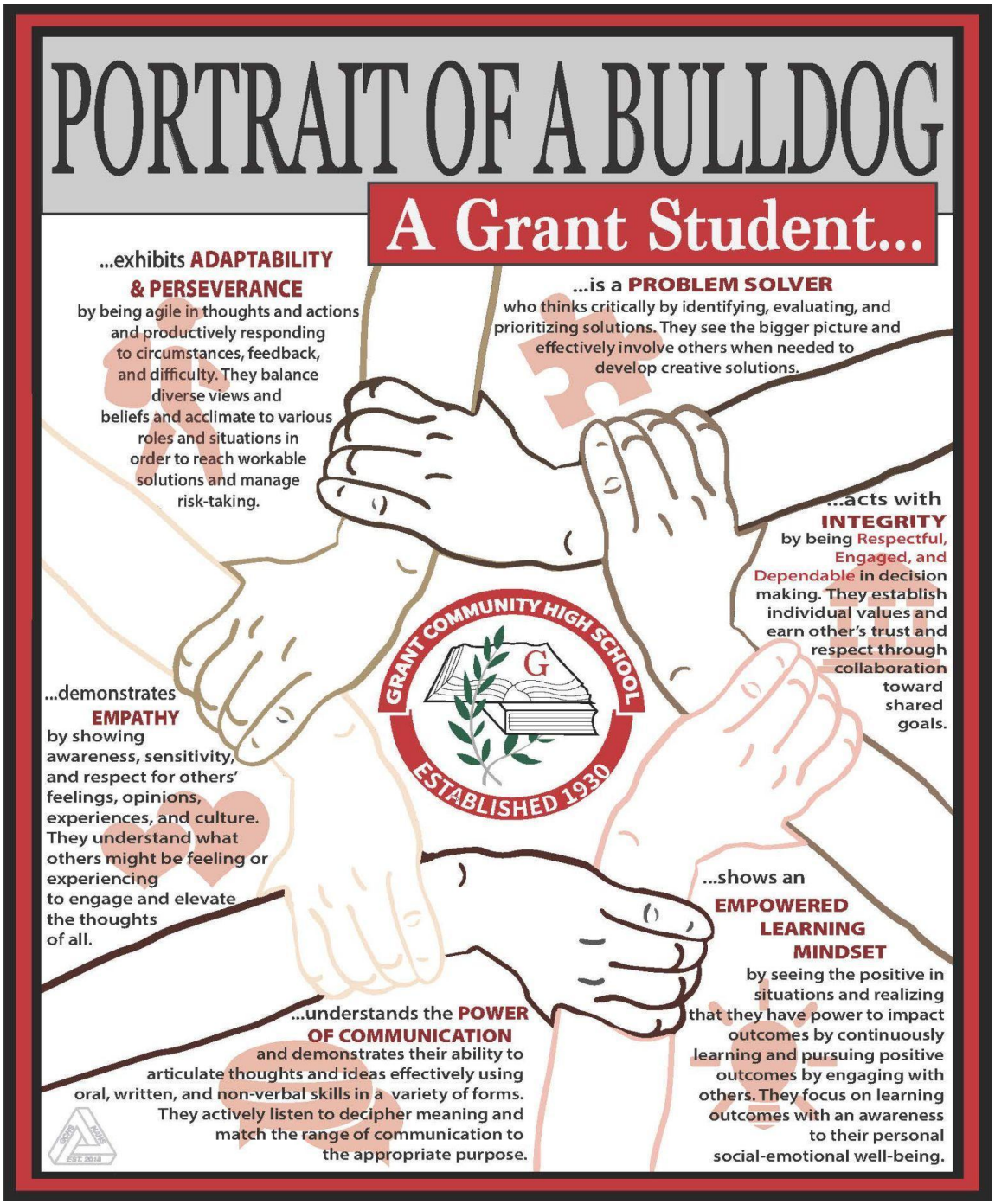
Grant Community High School District 124

2024-2025 Curriculum Guide

Mission Statement

Grant Community High School will educate each and every student to be a responsible and productive citizen who will be able to effectively manage future challenges. Students will be provided with the opportunity to develop intellectually, emotionally and physically in a safe and supportive environment.

PORTRAIT OF A GRADUATE



The Bulldog Way

GOAL: Improve Student Achievement

Build a positive school culture that strives for excellence, values diversity, and celebrates success for all.

Utilize strategies that foster inquisitiveness, critical thinking, problem solving, independence, effective communication, and leadership.

Look at data to make meaningful decisions.

Link professional development to engaging, purposeful instruction and assessment.

Dedicate resources and technology to support teaching, learning and communication.

Optimize articulation and collaboration opportunities to maximize successful student transitions to and from high school.

Grow student, parent, and community engagement and involvement.

Welcome all to a safe, secure, and supportive environment.

Align rigorous curriculum to career and college readiness standards.

Yield engaged and productive citizens for the future.

Grant Community High School District 124

285 East Grand Avenue, Fox Lake, Illinois 60020
847-587-2561 • Fax: 847-587-2991

Christine A. Sefcik, Ed.D. *Superintendent*
Jeremy N. Schmidt, Ed.D. *Principal*
Beth A. Reich *Business Manager*

Dear Parents and Students,

Grant Community High School offers a comprehensive curriculum with the goal to prepare students with the skills necessary for success in college and a professional career. Educational planning and the selection of classes are important processes to ensure courses taken align with student goals. Education is truly a collaborative effort between students, parents, and the school community. When providing scheduling resources and support, we will ensure that attention is given to each student's academic potential and plans for their future. We hope that you will take an active part in the selection of classes as well.

This Curriculum Guide contains information on grading, recognition, graduation requirements, NCAA Clearinghouse requirements, and information on every class offered at Grant Community High School. For each class, you will find information on the level of instruction, length of the class, grade level offered to, prerequisites, credit value, and a brief overview of the class.

Beginning in November, counselors will schedule individual registration appointments with each student. During the appointment, counselors will review graduation requirements, credits earned, record class selections, and discuss postsecondary plans.

In preparation for your registration meeting, please carefully read the Curriculum Guide. Throughout their time at Grant, students will play an increasingly important role in selecting their courses of study. It is important that time is taken to ensure that the classes registered for are consistent with personal goals. Student placement is a vital step in fulfilling the mission of Grant Community High School:

"Grant Community High School will educate each and every student to be a responsible and productive citizen who will be able to effectively manage future challenges. Students will be provided with the opportunity to develop intellectually, emotionally, and physically in a safe and supportive environment."

Please contact our Student Services Team at (847) 587-2561 if you have any questions. We look forward to working closely with you to plan for a challenging and successful 2024/25 school year.

Sincerely,

Jeremy N. Schmidt, Ed.D.
Principal

Christine A. Sefcik, Ed.D.
Superintendent

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Course Selection and Registration

Beginning in November, counselors and teachers assist students in selecting courses for the following year. In March, a list of courses selected by students is mailed home for review and approval. Course changes may be made up to the date indicated in the March mailing. After the March mailing, all requested changes shall follow the Schedule Change procedures outlined below. Subject level placement of incoming freshmen is based upon the results of eighth grade testing, eighth grade teacher recommendations, and high school department recommendations. Placement of students currently enrolled in high school is based upon previous academic performance, performance on the NWEA MAP test, and teacher recommendations.

Schedule Change Requests

Each year in March, a new master schedule is created to accommodate students' course requests. Many decisions are made on the basis of those requests, including staffing, instructional resources, and room assignments. All schedule changes, with the exception of approved level changes or the dropping of an AP Course, must be completed within the first five school days of student attendance each semester and are contingent upon space permitting. Schedule change requests will **not be approved based on the preference of a classroom teacher, lunch period, or year-long courses.**

Students receive a copy of their schedule prior to Material Pickup in early August. At this time, students may request schedule changes through their Counselor, space permitting and according to the following guidelines:

Level Changes

On occasion, it may be necessary for students to change the level of the class in which they are enrolled. A request for a level change may be made to a Teacher or Counselor. If a level change is determined to be in the best interests of the student, parent contact has been made, and the level change has been approved by the Administration, a level change may be made.

Adding a Course

Students may add a course until five school days after the start of an academic semester if approved by the appropriate school official and if space is available in the course. Students must consult with the teacher regarding make-up requirements for any missed content. In addition, if a course is being added, it can only be added for a class period that is available or for the period of the course that was dropped.

Dropping a Course

Students may **not** drop a core course if the course is needed to meet graduation requirements. Students may drop a course within five school days after the start of each semester, and no grade will be assigned or noted on the transcript. Students are **not** able to drop an 11th-period class for an early release or study hall.

If a student drops a course, including an AP course, after the first five school days as described above, the transcript will be noted with a "W" code (withdrawal). The "W" will not impact a student's cumulative GPA.

Grades and Reporting

Student grades are reported on a semester basis only. Each semester consists of three progress reporting periods, approximately 4 ½ weeks each. Grades of "I" (incomplete) will be given for

extenuating circumstances only. The following represents an explanation of the grades presented on report cards:

A *A superior grade for outstanding performance*
B *An excellent grade for above average performance*
C *An average grade for satisfactory performance*
D *A passing grade for below average performance*
F *A failing grade*
I *Required work is incomplete. Students have **ten days** to complete work before grade reverts to "F"*
W *Withdraw from class*
WF *Withdraw from class failing*
+ *Following a letter grade indicates slightly higher grade*
- *Following a letter grade indicates slightly lower grade*

Grades for students taking honors and advanced placement courses are computed using the Academic Program Index (A.P.I.) formula. A student may transfer a weighted grade to GCHS providing a similar weighted course is offered in our curriculum.

Regular Courses:	A = 4.0	B = 3.0	C = 2.0	D = 1.0	F = 0
Honors Courses:	A = 5.04	B = 4.03	C = 3.02	D = 1.0	F = 0
Dual Credit Courses:	A = 6.08	B = 5.06	C = 4.04	D = 2.0	F = 0
AP Courses:	A = 6.08	B = 5.06	C = 4.04	D = 2.0	F = 0

Physical education and driver education are not given grade points.

Dual Credit

Junior and senior students who meet prerequisites may enroll in dual credit courses. Upon successful completion of dual credit courses, students may earn credit at the college or university which has partnered with Grant Community High School. A select number of courses are open to sophomore students for dual credit. All courses eligible for dual credit will be aligned to rigorous expectations and outcomes as designated by the partnering institution. Students enrolled in a dual credit course will also be registered as a student of the partnering institution. Thus, students are expected to understand the rules and regulations of the partnering institution. Students should review course syllabi for grading expectations as they relate to the college or university setting, as they may differ from traditional grading practices at Grant Community High School. Students may complete these designated courses and elect not to earn dual credit. Courses with the potential for dual credit are indicated in the course descriptions. Successfully completed dual credit courses offered at Grant Community High School receive AP weighted credit. Tech Campus dual credit courses are weighted as identified by the Tech Campus.

Articulated Credit

Junior and senior students who meet prerequisites may enroll in articulated credit courses. Upon successful completion, students may earn course credit at the college or university that has partnered with Grant Community High School. Unlike dual credit, articulated credit is only valid if the student attends the partnering college or university. All courses eligible for articulated credit will be aligned to rigorous expectations and outcomes as designated by the partnering institution. Students enrolled in an articulated credit course will also be registered as a student of the partnering institution.

Semester Academic Recognition

Student recognition for Honor Roll is announced each semester. Calculation for this honor is based upon weighted semester grades. Students who have earned a minimum of a 3.75 grade point average will be eligible for the Honor Roll on a semester by semester basis.

Graduation Academic Recognition

Graduation academic recognition of students is calculated after seven semesters. Calculation of these honors are based on cumulative grade point average of weighted grades utilizing the A.P.I. formula in all credit bearing classes. Physical education and driver education are not given grade points. At graduation, students are recognized utilizing the following cum laude system:

4.75 and above	Summa Cum Laude
4.25 – 4.749	Magna Cum Laude
3.75 – 4.249	Cum Laude

Requirements for Graduation

Students must take the state-administered SAT exam and successfully complete a minimum of 22 credits.

To receive a diploma from a public school a student must complete the Free Application for Federal Student Aid (FAFSA) or, if applicable, the Alternative Application for Illinois Financial Aid. If a parent/guardian chooses to opt a child out of this graduation requirement, they must complete the Nonparticipation Form and return it to their designated counselor.

- English - 4 credits (8 semesters) – All English department courses receiving English credit are writing intensive courses.
- Mathematics - 3 credits (6 semesters) – Algebra and Geometry are required.
- Science - 2 credits (4 semesters)
- Social Studies - 2.5 credit (5 semesters)
  - World History – 1 credit (2 semesters)
  - U.S. History - 1 credit (2 semesters)
  - Government - .5 credit (1 semester)
- Physical Education - 3.5 credits (7 semesters)
- Health - .5 credit (1 semester)
- Driver Education - classroom phase (must pass a minimum of 8 classes in the preceding 2 semesters)
- Fulfill Consumer Education requirement from any one of the following courses: Com/Con, Economics, AP Macroeconomics, Life Resource Management or Personal Finance - .5 credits (1 semester)
- Required electives - 1 credit (2 semesters) from any of the following areas: art, music, world languages, business, technology education

Students receiving a failing grade in elective courses will not be allowed to enroll in those courses again with the exception of the following:

- Technology Exploration I
- Fashion Construction I
- Introduction to Art

Grade Level Classification

For standardized testing purposes and selected upperclassman privileges, students will be classified according to attendance credits. An attendance credit will be awarded for each completed semester as a full-time high school student, not including summer school attendance and courses.

Freshman	0 – 1 attendance credits
Sophomore	2 – 3 attendance credits
Junior	4 – 5 attendance credits
Senior	6 or more attendance credits

Requirements for College Entrance

College Course Requirements – Colleges and universities vary in their academic requirements. Please refer to college catalogs or consult with the Student Services department for specific information.

College Admission Testing -- Colleges and universities may require applicants to take either the American College Test (ACT) or the Scholastic Aptitude Test (SAT).

National Collegiate Athletic Association (NCAA) Eligibility

All prospective student-athletes first entering a college institution who want to participate at the NCAA Division I or II level must be verified by the NCAA Eligibility Center. To be considered a qualifier at the Division I or II level and to be eligible for financial aid, practice and competition during freshman year, certain conditions must be met. Students are encouraged to review these requirements with counselors to ensure eligibility. The following courses are not recognized by the NCAA to meet eligibility: English 12, Geometric Concepts, Intermediate Algebra II, Preparatory Mathematics, Survey of Advanced Mathematics – Seniors, Applied Math I, and Applied Math II. Further information may be found on the NCAA website www.ncaa.org.

Advanced Placement (AP) Summer Coursework

Some Advanced Placement (AP) courses require summer coursework to be done prior to starting the AP course in the fall. Currently, the following AP courses offered by Grant Community High School require summer coursework: AP Studio Art, AP Biology, AP English Literature, AP Language and Composition, and AP Physics C. Students enrolling in one of these courses for next year will find out the required summer coursework before the end of this school year from the teacher.

ART

The Art Department exists to stimulate students in their development and growth through the utilization of knowledge and skills. Our goal is to teach students the necessary skills to transform thoughts and ideas into a concrete expression that shapes, reveals, and embodies art. The Art Department also provides a wide variety of content and media to encourage self-expression, self-development and the appreciation of one's self and others as well as art experiences.

Course # 1211 Introduction to Art
Prerequisite: None
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
This course is designed to enhance the student's aesthetic appreciation of art. The class will concentrate on the fundamentals of drawing and the elements of art. Students will complete many projects including sketches, small-scale drawings, and advanced color drawings.

Course #1226 Ceramics I
Prerequisite: Introduction to Art
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
This course is an introduction to ceramics focusing on creating functional and artistic clay forms. The processes that will be taught include hand building and wheel-throwing. Students will experience working with various glazes and firing techniques. A final digital portfolio will be required at the end of the semester.

Course #1216 Drawing I
Prerequisite: Introduction to Art
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
This course focuses on the core fundamentals of drawing in a two-dimensional media using drawing pencils as well as introducing the use of charcoal, colored pencils, oil and chalk pastel and scratch board. This course expands what was introduced in Introduction to Art and continues to develop a strong foundational base of fundamental drawing concepts.

Course #1222 Painting I
Prerequisite: Introduction to Art
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
This course develops basic two-dimensional principles with paint media. Painting teaches students in a studio atmosphere the correct procedures of watercolor, acrylic, and oil painting. A complex consideration of composition and technique are required. Independent work is emphasized.

Course #1227 Sculpture
Prerequisite: Introduction to Art
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
This course continues to expand art knowledge and experiences in three dimensions. Sculpture technique, form, and content are emphasized thoroughly with a variety of three-dimensional media. Students will work with paper, plaster, clay, stone, wood, metal, and mixed media. The creation of many sculptures will be required as the semester concludes. Each student will also prepare work for the school gallery display and personal photographic portfolios.

Course #1228 Ceramics II

Prerequisite: Ceramics I, department approval

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

This course is a rigorous and in-depth three-dimensional elective that will build on the skills, such as wheel throwing and hand building, developed in Ceramics. Through instruction and individual effort this course will encourage students to create an individual style and contemporary form as well provide them the opportunity to start developing a portfolio for AP Studio Art.

Course #1217 Drawing II

Prerequisite: Drawing I, department approval

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

This course is designed to further develop the fundamental drawing skills established in Drawing I and allows students who are interested in the practical experience of drawing to expand, explore, and develop their talents. Using two-dimensional media, students will be exposed to the concepts of drawing objects from life as well as creating conceptual works of art. The students will be exposed to a wide variety of media in this class including: drawing pencils, charcoal, oil and chalk pastels, colored pencils, and experimental mixed media.

Course #1213 Digital Art

Prerequisite: Introduction to Art

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

In this course students will learn artistic expression with a digital medium that involves design, composition and publishing. Adobe Illustrator and In-Design software will be introduced and applied to all assignments. Projects using a combination of images, graphics and text will be stressed. The successful completion of a digital portfolio is required at the end of the semester.

Course #1223 Painting II

Prerequisite: Painting I, department approval

Grade levels: 10, 11, 12 Course length: one semester Course credit: .5

In this course, students will improve and expand on the skills learned in Painting I and focus on portraits, figures and works of a larger scale. They will collaborate in designing and executing these larger paintings. Emphasis will also be placed on developing each student's individual style and knowledge of art history.

Course #1214 Digital Photography

Prerequisite: Introduction to Art

Grade level: 11, 12 Course length: one semester Course credit: .5

In this course students will be introduced to digital photography by using SLR cameras to create their own photographs. Adobe Photoshop will be utilized to correct, alter, manipulate, and enhance the images. Elements of Art and Principles of Design will be stressed to improve communication and the work's message. Time outside of class will be needed for students to complete assignments for this class.

Course #1280 Advanced Placement Studio Art

Prerequisite: Introduction to Art, department approval

Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Studio Art test. AP Studio Art is designed for students who are seriously interested in the practical experience of art and preparing for the Advanced Placement exam. Students will create a college level portfolio for evaluation at the end of the year. This portfolio will contain dozens of projects focused on drawing, 2D and/or 3D design. For this reason, students are highly encouraged to take Drawing I, Painting I, and Digital Art as prerequisites to AP Studio Art. **This course requires summer coursework.**

Career and Technical Education

In the Career and Technical Education Department (CTE), Business Education, Family and Consumer Sciences, and Technology Education work together to develop the academic, technical, and employability skills necessary to succeed in postsecondary education and/or future careers. The department enhances student awareness of careers, offers dual credit and career certifications, provides opportunities to engage with industry professionals, and prepares students for further certifications and/or degrees.

Business Courses

Course #0927 Computer Applications/Consumer Education (Com/Con)
Prerequisite: None
Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5
With an emphasis on skills for word processing, spreadsheets, presentations, and technology applications in the economy, this class concentrates on creating economically competent individuals in the constantly changing and technologically advancing economy. Students will learn the skills and concepts required to maximize individual resources as well as gain an understanding of the economic environment faced by individuals and society. This course fulfills the Consumer Education requirement (105 ILCS 5/27-12.1).

Course #0920 General Business
Prerequisite: None
Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5
This course covers the activities everyone participates in as a consumer, worker, or a manager. Topics included are: the wise use and management of personal finances; banking and bank services; insurance; investments; economic education; career opportunities; the three basic economic systems; credit and the role government plays in our economy.

Course #0917 Accounting I (Dual Credit)
Prerequisite: None
Grade level: 10, 11, 12 Course length: two semesters Course credit: 1
This course is designed to prepare students interested in pursuing accounting beyond high school. Instruction is given on recording daily transactions using multi-columned general journals and special journals. Students are first taught the basic accounting cycle for a service-oriented business, including simple financial reports. Second semester encompasses payroll records, depreciation, bad debts, fixed assets, notes and interest, and accrued expenses for a merchandising business. This course may be taken for dual credit through the College of Lake County. To be eligible for dual credit, a student shall meet course prerequisites and requirements.

Course #0918 Accounting II
Prerequisite: Accounting I
Grade level: 10, 11, 12 Course length: two semesters Course credit: 1
This course is for students planning a career in accounting. Instruction is given in the accounting cycle of a merchandising enterprise, journal entries, posting, worksheets, and financial reports with accruals. The main emphasis is on the corporate form of organization. Department accounting and cost accounting are introduced. Financial reports are broken down into component parts with a comprehensive analysis of financial reporting.

Course #0915 Advanced Microsoft Office

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5

This course will provide the students an opportunity to develop in-depth Advanced Microsoft Office skills including inputting, manipulating and managing data for hard copy, networking and visual presentation. Advanced applications will integrate activities using word processing, database, spreadsheets, charts, graphs, mail merges, and labels. A cross-curricular approach to information processing will be utilized, incorporating word processing, critical thinking, language, and communication skills. Students will work with integrated software in the Microsoft Office environment to gain the skills necessary to obtain a Microsoft Certified Applications Specialist (MCAS) if they elect to take the MCAS examination.

Course #0916 Website Design

Prerequisite: None

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

This course is designed to teach students how to create and design Web sites using the most popular software in the Web design industry, Adobe CS3 (Creative Suite 3). Students will learn basic web information including the history of the web; principles of effective design; and appropriate, legal and ethical use. Students will develop Web pages in Adobe Dreamweaver, and learn basic HTML code (HyperText Markup Language). Students will be given the opportunity to design and maintain their own Web site using various tools and additional software programs including Adobe Photoshop for images, animation, and photo galleries. Features include graphics, image maps, navigation bar, lists, tables, forms, and cascading style sheets.

Course #0921 Business Law

Prerequisite: None

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

This course is designed to help students understand legal and ethical obligations and rights in business related transactions. The students will study the legal aspects of contracts, warranties, computer law, financial crimes, environmental law, international law, and negotiable instruments.

Course #0923 Marketing: Sports and Entertainment

Prerequisite: None

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

This course introduces the students to the types of products, marketing strategies and careers in the sports and entertainment industries. Topics include consumer markets and behaviors, economic impact of marketing, product design, research processes, branding and licensing, marketing promotions and marketing careers. Students will be involved in a number of marketing activities specifically based on sports and entertainment.

Course #0929 Personal Finance

Prerequisite: None

Grade level: 11, 12 Course length: one semester Course credit: .5

Learning about money is as important as earning it. Students are introduced to personal banking, obtaining and using credit wisely, saving, insurance, investing, stocks, bonds, options, mutual funds, insurance, real estate, and portfolio management. Many projects are included throughout the semester including online stock market investing and virtual financial simulations. The goal of the course is for students to understand how to become a wiser consumer and to get the most out of the money they earn. Students who are interested in a Business major or minor in college would benefit greatly from this course. This course fulfills the Consumer Education requirement (105 ILCS 5/27-12.1).

Course #0931 Tech Support Internship (TSI)

Prerequisite: None

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

The Tech Support Internship prepares students for real world jobs in the field of information technology. Students will provide first-line technical support resolving device problems. Students will be trained to support students and staff to ensure that all technology calls and problems are dealt with quickly and effectively. Troubleshooting hardware, basic network concepts, supporting new technologies and repairing devices will be taught in a hands-on class atmosphere. Students will gain an understanding of how a help desk functions and the role of customer service in today's world of technology. When not engaged in a tech help role, students will be working on a self-directed pathway of their choice. These pathways will be used to help prepare students for career readiness and certifications, for example Web Design, Programming, Comp TIA A+ and Network+, Microsoft Office Specialist (MOS), and Google Apps Certification. Students may repeat this class.

Course # 0932I Mobile App Design I (Honors)

Prerequisite: None

Grade Level: 9, 10, 11, 12 Course Length: one semester Course Credit: .5

"There's an app for that." Not only have Apple iOS apps become a natural and essential part of our daily lives, but software development careers are some of the most highly paid in a fast-growing job market. Over the course of a semester, students will learn professional software design using the Swift programming language. Beginning with the fundamentals, students will be guided through the development of a variety of apps of growing complexity, culminating in the development of a custom app of their own design.

Course # 0932II Mobile App Design II (Honors)

Prerequisite: Mobile App Design I

Grade Level: 9, 10, 11, 12 Course Length: one semester Course Credit: .5

Students will build on the foundation set in Mobile App I to now begin both *designing* and *programming* a variety of different apps. The apps students build grow in complexity throughout the semester, culminating in an app showcase, where students demonstrate the app they built - just like professionals do at technology events. Students apply the same development cycle as those in the workplace, which means students build an app, analyze errors in code, and adjust to solve problems. To do this well, they must implement resourcefulness and collaborate with their peers, just like in the real world. Students leave the class with a portfolio of apps and a collection of skills highly valued in the workplace today.

Course # 0933 Business Incubator (Honors)

Prerequisite: None

Grade Level: 10, 11, 12 Course Length: two semesters Course Credit: 1

In this course students will be challenged to become true entrepreneurs. Students will have the opportunity to create and fully develop their own product or service. Real-world entrepreneurs and business experts will serve as coaches and mentors guiding student teams through the process of ideation, market research, and business plan development. Over the course of the year, student teams will learn about marketing, accounting, human resources, as well as the legal aspects of running a business to get them geared up for Pitch Week. Pitch Week helps to further fire the entrepreneurial spirit by putting student teams in front of actual investors to pitch their innovative idea and possibly win funding to turn their business plans into reality.

Family & Consumer Science Courses

Course #0717 Parenting and Child Development
Prerequisite: None
Grade level: 10, 11, 12 *Course length: one semester* *Course credit: .5*
Students will be introduced to a positive approach to the lifelong commitment of parenthood. They will also learn about young children's development and how to be a caregiver for children.

Course #0711 Food Preparation and Nutrition I
Prerequisite: None
Grade level: 11, 12 *Course length: one semester* *Course credit: .5*
This is an introductory level foods course. Students will prepare healthy food in a healthy environment. Proper food preparation standards and nutrition will be encouraged to promote personal wellness.

Course #0712 Food Preparation and Nutrition II
Prerequisite: Food Preparation and Nutrition I
Grade level: 11, 12 *Course length: one semester* *Course credit: .5*
This is a secondary level foods course in which students are involved in planning and preparing nutritious and attractive food. Topics of study include appetizers, salads, soups, main entrees, cake decorating, and desserts.

Course # 0716 Life Resource Management
Prerequisite: None
Grade level: 11, 12 *Course length: one semester* *Course credit: .5*
Students will be introduced to skills necessary for independent living. Class topics will center on reaching personal and financial goals including self-awareness, values, decision-making, and career paths. Students will practice family financial planning within the realm of monthly budgets and effective financial management strategies. This course fulfills the Consumer Education requirement (105 ILCS 5/27-12.1).

Course #0713 Fashion Construction I
Prerequisite: None
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
Students will have the opportunity to engage in the following skills through various sewing projects: problem solving, teamwork, creativity, technical reading, and critical thinking. Students will be expected to supply sewing materials.

Course #0714 Fashion Construction II
Prerequisite: Fashion Construction I
Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*
Students will be able to advance their sewing knowledge as well as evaluate their personal preferences in fashion. Figure types, pattern fit and pattern alteration will be included in this course. Students will be expected to supply sewing materials.

Course #0718 Introduction to Teaching (Dual Credit)

Prerequisite: None

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course provides the prospective teacher with a historical and philosophical overview of American public education. Other topics include school organization and governance, ethical and legal issues, the nature of teaching, curriculum, the social context, diversity, professional leadership, and current issues. This class is offered for dual credit through the College of Lake county. To be eligible for dual credit, a student shall meet course prerequisites and requirements.

Course #0780 Child Development for Educators (Dual Credit)

Prerequisite: CLC Reading and Writing Readiness

Grade level: 12 Course length: one semester Course credit: .5

This course provides an overview of the theory and principles of human growth and development. Content includes an in-depth study of the interrelatedness of physical, cognitive, social, and emotional aspects of development. Development is studied in the context of family, gender, culture, language, ability, socioeconomics, diversity, and society. Special emphasis will be on the theories of Piaget, Vygotsky, Erikson, and Gardner with implications for applied classroom practice.

Technology Education

Course #0830 Technology Exploration I

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5

A foundational course for aspiring Technology Education students, Technology Exploration I exposes students to the fundamentals of technological design and innovation. In addition to content covered in the course, students will develop skills using technology tools, programs, and the design process. Topics covered include: equipment safety, the concept of scale, the design process, introductions to woodworking and CAD, and pre-engineering projects. Each area of exploration will be studied for approximately two to three instructional weeks.

Course #0831 Technology Exploration II

Prerequisite: Technology Exploration I

Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5

A continuation of the skills, content, and principles of design taught in Technology Exploration I, this second semester of the course exposes students to practical applications of technological design and innovation. Topics covered include: small engine operation, digital electronics, sustainable/renewable energy, and home maintenance. Each area of exploration will be studied for approximately four weeks.

Course #0813 Architectural CAD I

Prerequisite: Technology Exploration I

Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5

This course will require students to learn and understand how to properly design and furnish each individual room of a home. Students will take their knowledge of each room and apply it to design a home. Students will learn to create blueprints by technical drawing and use of Autodesk's Revit software. Students will become knowledgeable of the duties and responsibilities of an architect as well as the process required to become a licensed architect.

Course #0820 Architectural CAD II
Prerequisite: Architectural CAD I
Grade level: 10, 11, 12 Course length: one semester Course credit: .5
This course will allow students to apply their knowledge from Architectural CAD I in the residential architecture industry. We will dive deeper into Autodesk's Revit software. Students will be able to complete full sets of working drawings for a residential structure, explore architectural techniques, and render three-dimensional models of their structure.

Course #0818 Woodworking Technology I
Prerequisite: Technology Exploration I
Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5
As an introductory woodworking class, students will be exposed to the fundamentals of fine woodworking in modern society. Areas of design, planning, safety, and finishing will be introduced through problem solving, hands on experiences, and teamwork. Students in this class will be able to use power tools, hand tools, and woodworking machinery in a safe manner.

Course #0861 Woodworking Technology II
Prerequisite: Woodworking Technology I
Grade level: 10, 11, 12 Course length: one semester Course credit: .5
Students who continue in woodworking will take this class to further their knowledge of the woodworking and engineering industry. Areas explored in this class are machineries' specific use as well as unique woodworking techniques. As students' progress they will start to be responsible for certain designing and planning components of their projects. Safety operations are continually stressed while working in the woodworking environment.

Course #0814 Mechanical CAD I
Prerequisite: Technology Exploration I
Grade level: 9, 10, 11, 12 Course length: one semester Course credit: .5
This course will give the student a working knowledge of mechanical CAD drafting. Areas to be studied include 2D and 3D construction; isometric and oblique views; dimensioning and tolerancing; detail and assembly drawings; and setup and use of plotting equipment and software.

Course #0815 Mechanical CAD II (Dual Credit)
Prerequisite: Mechanical CAD I
Grade level: 10, 11, 12 Course length: one semester Course credit: .5
This is an advanced course in mechanical CAD drafting for students preparing for a career in an engineering related field. Emphasis is on assembly and welding drawings, technical illustrations, 3D construction, modeling, and rendering. Autodesk's Inventor software is used to produce drawings in Mechanical CAD II. This course may be taken for dual credit through the College of Lake County. To be eligible for dual credit, a student shall meet course prerequisites and requirements.

Course #0862 Advanced Woodworking Technology
Prerequisite: Woodworking Technology II
Grade level: 11, 12 Course length: two semesters Course credit: 1
This full year course is designed for those students who have an enthusiasm for woodworking. Students in this class will start to develop an independent reliability on project work. The first semester, students will be given a project with certain components missing which they will be responsible for filling. Second semester, students will have to develop their own project by creating all aspects on their own. Design, planning, and safety are reinforced in this class as well.

Course #0870 Project Lead The Way - Introduction to Engineering and Design (Honors)
Prerequisite: Student must have taken or be concurrently enrolled in Algebra I or higher
Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1
In this course, students are encouraged to be creative and apply decision-making and problem-solving skills to specific design problems. Using sophisticated three-dimensional design software, students will discover the role of an engineer in using math, science, and engineering principles to take an idea from the design process to production.

Course #0871 Project Lead The Way - Principles of Engineering (Honors)
Prerequisite: PLTW-Introduction to Engineering and Design
Grade level: 10, 11, 12 Course length: two semesters Course credit: 1
Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course is offered for honors credit.

Course #0872 Project Lead The Way – Computer Integrated Manufacturing (Honors)
Prerequisite: PLTW-Principles of Engineering
Grade level: 11, 12 Course length: two semesters Course credit: 1
Computer Integrated Manufacturing is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of efficiently creating the products all around us. Students build upon their Computer Aided Design (CAD) experience through the use of Computer Aided Manufacturing (CAM) software. CAM transforms a digital design into a program that a Computer Numerical Controlled (CNC) mill uses to transform a block of raw material into a product designed by a student. Students learn and apply concepts related to integrating robotic systems such as Automated Guided Vehicles (AGV) and robotic arms into manufacturing systems.

Course #0873 Project Lead The Way - Engineering Design and Development (Honors)
Prerequisite: PLTW-Computer Integrated Manufacturing
Grade level: 12 Course length: two semesters Course Credit: 1
The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

ENGLISH

The English Department promotes high expectations in its courses so that students will learn to express ideas in an organized manner, both orally and in writing. Students will gain appreciation for traditional and current literature and value a free exchange of ideas in a group situation for learning. It is the intent of this department to have all students follow the sequential order of courses beginning with designated levels of English 9 through English 12.

Course #0028 English 9
Prerequisite: None
Grade level: 9 *Course length: two semesters* *Course credit: 1*
This writing intensive course is for students who have demonstrated proficient reading, writing, listening, and speaking skills. Students will be offered the opportunity to achieve the necessary skills and knowledge to read and write with purpose, focus, organization, unity, coherence, style, sentence structure, and conventions of usage and punctuation. Throughout the course, students will complete several oral, written, and literary assignments that will prepare them to meet college expectations.

Course #0070 Honors English 9
Prerequisite: Department approval
Grade level: 9 *Course length: two semesters* *Course credit: 1*
In this writing intensive course, students are expected to have mastered rudimentary grammar, writing, and literary analysis skills. Students will use sentence refining and combining techniques to originate and style essays by revising writing for content, coherence, and transition. Students will delineate ideas, summarize passages, and analyze relationships among people, objects, events and ideas as presented in various literary genres including prose, poetry, and drama.

Course #0291 English 10
Prerequisite: None
Grade level: 10 *Course length: two semesters* *Course credit: 1*
In this writing intensive course, students will develop writing, reading, speaking, and listening skills in the context of world literature. Students will focus on analysis of text. Students will read and identify various literary genres, apply critical thinking methods to infer meaning from literary works, and present logical analysis of both literary and poetic texts. Students will also work to master both group and individual presentations. Students in this class will be required to complete assignments and assessments that prepare them to meet college expectations.

Course #0071 Honors English 10
Prerequisite: Department approval
Grade level: 10 *Course length: two semesters* *Course credit: 1*
As a result of taking this writing intensive course, students will develop writing, reading, speaking, and listening skills in the context of world literature. Students will read and identify various literary genres, apply critical thinking methods to infer meaning from literary works, and present divergent analysis of both literary and poetic texts. Students will write using a process that focuses on improving the writer's sophisticated word choice and improving the writer's credibility by varying sentence structures and lengths and employing precise editing. Students also work to master speaking and presentation skills by preparing for and participating in Socratic seminars, individual presentations, and group presentations. Students in this class are required to complete assignments and assessments that prepare them to move on to AP courses and meet college expectations.

Course #0014 English 11

Prerequisite: None

Grade level: 11 *Course length: two semesters* *Course credit: 1*

In this writing intensive course, students will develop writing, speaking, and listening skills. Students will develop their skills for writing by focusing on the rhetorical appeals and analyzing text. Students will apply critical thinking methods to become an engaged citizen. Students will deliver group and individual presentations.

Course # 0031 Advanced English 11

Prerequisite: Department approval

Grade level: 11 *Course length: two semesters* *Course credit: 1*

This writing intensive course will prepare students to meet college expectations using project-based learning (PBL), a student-centered, inquiry-based instructional model in which learners engage with an authentic problem (Jonassen & Hung, 2008). PBL mirrors most modern-day workplaces. Students face problems with no single answer and work independently and collaboratively to solve the problems. Students will use the 4 Cs (collaboration, critical thinking, creativity, and communication) to create solutions through a series of calculated steps that begin with a basic-level of knowledge and skills to a transfer-level that requires students to generalize their newly acquired skills to other problems.

Course #0072 Honors English 11

Prerequisite: Department approval

Grade level: 11 *Course length: two semesters* *Course credit: 1*

This writing intensive course is designed for college-bound students who possess and demonstrate sophisticated reading, writing, speaking, and listening skills. This course offers a study of American works and rhetoric through contemporary times. Students will analyze diverse text such as documentaries, essays, novels, and speeches. Students will write compositions, complete major projects, engage in Socratic seminars and debates, deliver presentations, and prepare for state testing and college. Students in this class will be required to complete assignments and assessments that prepare students to move on to AP courses and meet college expectations.

Course #0040 English 12

Prerequisite: None

Grade level: 12 *Course length: two semesters* *Course credit: 1*

This writing intensive course will explore contemporary issues through reading, writing, and presentation. Students will read and analyze short texts. After conducting collaborative research, students will engage in critical discussions and debates. Students will develop an understanding of how to articulate themselves effectively for life skills using multiple mediums. **This course does not meet NCAA Eligibility requirements.**

Course #0041 Advanced English 12

Prerequisite: Department approval

Grade level: 12 *Course length: two semesters* *Course credit: 1*

This writing intensive course will explore contemporary issues through reading, writing, and presentation. Students will read and analyze contemporary novels, short stories, and essays. After conducting independent research, students will engage in critical discussions and debates. Students will develop an understanding of the need to craft a written message for a particular audience and experiment with different forms of engaging presentation of their ideas. Students will develop metacognition of their learning process, reflecting on their work in a portfolio as a final project.

Course #0073 Honors English 12

Prerequisite: Department approval

Grade level: 12 *Course length: two semesters* *Course credit: 1*

This writing intensive course will explore contemporary issues through reading, writing, and presentation. Students will read and analyze contemporary novels, short stories, and essays. After conducting independent research, students will engage in critical discussions and debates. Students will develop an understanding of the need to craft a message for particular audiences and experiment with different forms of engaging presentation of their ideas. Students will develop metacognition of their learning process, reflecting on their work in a portfolio as a final project.

Course #0081 Advanced Placement English Language and Composition

Prerequisite: Department approval

Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement English Language and Composition test. This writing intensive course will follow the curriculum recommended by the College Board. Students will read and write extensively as they practice a variety of college-level close-reading and writing assignments. They will identify and explain an author's use of rhetorical strategies and techniques; apply effective rhetorical strategies and techniques in their own writing; create and sustain arguments based on readings, visual texts, research, and personal experience; demonstrate mastery of standard written English as well as stylistic maturity in their own writing; and participate fully in all phases of the writing process. In addition to formal writing, students will demonstrate their learning in presentations and Socratic seminars. **This course requires summer coursework.**

Course #0082 Advanced Placement English Literature

Prerequisite: AP English Language and Composition and department approval

Grade level: 12 *Course length: two semesters* *Course credit: 1*

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement English Literature test. The course engages college-bound seniors in the careful reading and critical analysis of classic and contemporary literature. Through the active reading of a rigorous selection of texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Writing assignments focus on the critical analysis and creative essays. Toward that end, writing instruction focuses on developing coherence, unity, precision, structure, and stylistic maturity. **This course requires summer coursework.**

Course #0083 English 121 (Dual Credit)

Prerequisite: English 11 and CLC Reading and Writing Readiness

Grade level: 12 *Course length: one semester* *Course credit: .5*

This course is designed to help students develop their competence in college-level writing and in the analysis of texts so they can enter the dialogue of the academic community. This course includes the analysis and practice of argument and the use of critical thinking to read, analyze, and produce college level texts. In addition, this is a workshop course where students will be producing and revising written work frequently.

Course #0084 English 122 (Dual Credit)

Prerequisite: C or higher in English 121 and CLC Reading and Writing Readiness

Grade level: 12 *Course length: one semester* *Course credit: .5*

This course will supplement the work done in Dual Credit Composition I Honors by providing students more experience as academic writers, readers, researchers, and critical thinkers. To help students consider their own meaning while engaging with the texts of others, they will develop the ability to collect, evaluate, and incorporate varied sources in thoughtfully written analysis and arguments. Student work should demonstrate the ability to position themselves within the context of academic and societal conversation using a variety of texts which may include literature, arguments on various issues, news articles, films, advertisements, and websites. In addition, this is a workshop course where students will be producing and revising written work frequently.

Course #1321 Acting I

Prerequisite: N*one*

Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*

This non-English credit elective course focuses on the performance aspect of the Theatre Arts. Students will engage in performance activities involving character analysis, pantomime, short form improvisation, Meisner acting technique, monologues, scenes, stand-up comedy, and script analysis. Students perform for their peers and there is an optional school performance. Through this introduction to the elements of performance, students will hone their communication and analytical skills. Students can repeat this class for elective credit.

Course #1323 Acting II

Prerequisite: Acting I

Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*

This non-English credit elective course focuses on the advanced performance aspect of Theatre Arts. Students will engage in performance activities involving script and character analysis, research, long form improvisation, Meisner acting technique, monologues, scenes, and student-created, written, and performed sketch comedy. Students perform for their peers and there is an encouraged school performance of students' best works at the semester's end. Through this advanced engagement in multiple elements of performance, students will further develop their communication, analytical, and leadership skills. Students can repeat this class for elective credit.

Course #1324 Theater Arts

Prerequisite: None

Grade Level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*

This non-English credit elective course incorporates history of theater, script analysis, elements of technical design, theatrical producing, directing, writing, and acting. Students will have opportunities to analyze, perform, direct, design, and create scripts. The course culminates in an optional school performance highlighting student selected skill achievements. Students can repeat this class for elective credit.

Course #1317 Journalism

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This non-English credit elective course reinforces the techniques of research, interviewing, writing, and editing in the context of print journalism. Utilizing these skills, students will assume a high level of personal accountability by meeting deadlines and producing high quality articles. By focusing on process writing and encouraging critical thinking, the class builds upon foundational skills learned in all levels of English 9, 10, and 11, and is recommended for students who are experienced in writing and who have an interest in journalism. Journalism can be repeated for non-English elective credit.

Course #1374 Honors Journalism

Prerequisite: Journalism

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This non-English honors credit elective course is an advanced level for returning journalists who are interested in stepping into a leadership role within the journalism team. This course strengthens and challenges techniques of research, interviewing, writing, and editing in the context of a leadership role for publication of *The Bark*. Students who assume the role of editor hold the responsibility of maintaining their reporter duties as well as providing support for their peers while also holding their peers accountable. This honors credit course requires students to have mastered the basic attributes of journalism and challenges students to critically examine the work of others. By focusing on process writing and encouraging critical thinking, the class builds upon foundational skills learned in all levels of English 9, 10, and 11, and is recommended for students who are experienced in writing and who have completed one year of journalism. Journalism can be repeated for non-English elective credit. Students interested in entering the Honors Journalism Course must fill out the application for editor.

Course #1318 Publications - Yearbook

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This non-English credit elective course introduces and reinforces skills related to yearbook design: interviewing, writing, editing, salesmanship, and graphic design. Students will assume a high level of personal accountability by meeting deadlines and producing high quality yearbook pages. Aside from enhancing intermediate computer skills, the class also builds upon basic writing abilities and is recommended for students who are interested in learning more about the school, building personal communication skills, computer graphics, photography, and print media production. Yearbook can be repeated for non-English elective credit.

Course #1315 Creative Writing

Prerequisite: None

Grade level: 11, 12 Course length: one semester Course credit: .5

This non-English credit elective writing intensive course offers an exploration in composition of personal narratives, short stories, creative nonfiction, poetry and journal writing. The course's instruction utilizes the layered writing process of peer review, instructor feedback, revision, editing, and personal reflection for each composed piece. This course culminates with each student's portfolio of created works. Students' most promising pieces are selected for publication in the GCHS newspaper, *The Bark*.

Course #1316 Mythology I

Prerequisite: None

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

Through the use of research, writing, imaginative creations, discussions, and presentations, this non-English credit elective course will survey myths from a wide range of cultures (from early Middle Eastern civilizations to modern America), as well as epics, folklore, fairy tales, and urban legends. We will explore how these myths reflect the lives of their storytellers, how they influence later mythologies, and how they can enrich our lives today.

Course #1326 Mythology II

Prerequisite: Mythology I

Grade level: 10, 11, 12 Course length: one semester Course credit: .5

This non-English credit elective course will foster an appreciation for and a fluency with the art of storytelling. Through close, analytical readings and projects based upon culturally significant folklore, students will develop a cultural literacy by discussing, presenting, and writing about the medium. Students will come to understand how they can mine the stories of cultures separate from their own for their values, customs, and philosophies. In this way, students can increase their awareness of the larger world as well as develop empathy through acknowledging differences as well as commonalities.

Course #2001 EL 1

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semester Course credit: 1

This is a course for beginning EL students who are new to the English language or have limited English proficiency. Students will focus on reading, writing, speaking, listening, and grammar skills within whole class instruction, small group instruction, and individual reading components. A special emphasis will be placed on the acquisition of academic vocabulary. This course can be repeated for credit.

Course #2002 EL 2

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semester Course credit: 1

This is a course for Intermediate EL students. Students will focus on reading, writing, speaking, listening, and grammar skills within whole class instruction, small group instruction, and individual reading components. A special emphasis will be placed on the acquisition of academic vocabulary. This course can be repeated for credit.

Course #2003 EL 3

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semester Course credit: 1

This is a course for Advanced EL students based on ACCESS Testing and screening assessments. Students will build on their reading, writing, speaking, listening, and grammar skills, with the intention of elevating ACCESS scores to meet exit criteria. This course can be repeated for credit.

Course #490EL EL Study Hall

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: one semester Course credit: 0

Students identified as requiring EL services will receive targeted intervention for their classes and will receive assistance from both an EL teacher as well as student tutors.

Course #2004 Spanish Language Arts 1

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semester Course credit: 1

This is a course for beginning EL students who are new to the English language or have limited English proficiency. Students will focus on reading, writing, speaking, listening, and grammar skills within whole class instruction, small group instruction, and individual reading components. A special emphasis will be placed on the acquisition of academic vocabulary. This course can be repeated for credit. This course is specifically designed for Spanish speaking students and will be taught 50% in English and 50% in Spanish in order to encourage bi-literacy among all of our Spanish speaking students.

Course #2005 Spanish Language Arts 2

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semester Course credit: 1

This is a course for Intermediate EL students. Students will focus on reading, writing, speaking, listening, and grammar skills within whole class instruction, small group instruction, and individual reading components. A special emphasis will be placed on the acquisition of academic vocabulary. This course can be repeated for credit. This course is specifically designed for Spanish speaking students and will be taught 50% in English and 50% in Spanish in order to encourage bi-literacy among all of our Spanish speaking students.

Course #2006 Spanish Language Arts 3

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semester Course credit: 1

This is a course for Advanced EL students based on ACCESS Testing and screening assessments.. Students will build on their reading, writing, speaking, listening, and grammar skills with the intention of elevating ACCESS scores to meet exit criteria. This course can be repeated for credit. This course is specifically designed for Spanish speaking students and will be taught 50% in English and 50% in Spanish in order to encourage bi-literacy among all of our Spanish speaking students.

WORLD LANGUAGES

The ability to understand and communicate with people of other countries is a valuable asset. Advancing technology and the need to communicate with others has placed economic and social importance upon world languages. There are colleges that require world language credits as part of their admission criteria and many corporations routinely hire employees who have knowledge of a second language.

Course #1110 French I
Prerequisite: None
Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1
This course introduces students to the French language through the basic skills of listening, speaking, reading, and writing. It also exposes them to the cultures of various French-speaking countries. Topics include getting acquainted, describing people and things, making weekend plans, family, food, recreation, sports, clothing, entertainment and vacations.

Course #1120 French II
Prerequisite: French I
Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1
This course reviews first year material and continues the study of the French language and culture with new vocabulary and grammar structure. New topics include pastimes, comparisons, feelings, holidays, driving, rights and responsibilities, family life, city life and talking about the past.

Course #1176 Honors French II
Prerequisite: French I and department approval
Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1
This course will follow the basic French II curriculum. The students will also have to produce additional oral and written work, and will be exposed to supplementary advanced readings. This course will prepare students for Honors French III.

Course #1130 French III
Prerequisite: French II
Grade level: 10, 11, 12 Course length: two semesters Course credit: 1
This course covers advanced grammar and develops oral and written skills. French literature is introduced and cultural awareness is expanded through study of the daily life, history, geography and/or cuisine of France.

Course #1177 Honors French III
Prerequisite: French II and department approval
Grade level: 10, 11, 12 Course length: two semesters Course credit: 1
Students in this course will follow the basic French III curriculum. In addition, they will be expected to produce oral and written samples that demonstrate a higher level of proficiency and critical thinking. They may also be exposed to more advanced readings. This course will prepare the student for Honors French IV.

Course #1140 French IV
Prerequisite: French III
Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*
This course reviews the structure of the language and continues to expand grammar and vocabulary. It further develops command of the language through original and spontaneous oral and written work, as well as the study of a variety of materials, both literary and cultural.

Course #1170 Honors French IV
Prerequisite: French III and department approval
Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*
Students in this course will follow the basic French IV curriculum. In addition, they will be expected to produce oral and written samples that demonstrate a higher level of proficiency and critical thinking. They may also be exposed to more advanced readings.

Course #1172 Honors French V
Prerequisite: French IV or Honors French IV and department approval
Grade level: 12 *Course length: two semesters* *Course credit: 1*
Students will work in an advanced level textbook and will complete projects such as readings, research papers, oral presentations, videotapes, etc., according to their interests and needs.

Course #1111 Spanish I
Prerequisite: None
Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*
This course introduces the Spanish language through the basic skills of listening, speaking, reading, and writing. It also exposes students to the cultures of the various Spanish-speaking countries.

Course #1121 Spanish II
Prerequisite: Spanish I
Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*
This course reviews first year material and continues the study of the Spanish language and culture with new vocabulary and grammar structure. It also exposes students to other areas, such as current events and geography.

Course #1174 Honors Spanish II
Prerequisite: Spanish I and department approval
Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*
This course will follow the basic Spanish II curriculum. The students will also have to produce additional oral and written work, and will be exposed to supplementary advanced readings. This course will prepare students for the next Honor level(s), and ultimately for the Spanish Advanced Placement exam.

Course #1131 Spanish III
Prerequisite: Spanish II
Grade level: 10, 11, 12 *Course length: two semesters* *Course credit: 1*
This course reviews second year material and continues the study of the Spanish language, with new vocabulary and grammatical topics. It also expands the students' awareness of the different cultures and traditions of the Spanish-speaking world, and exposes them to other areas of language learning, such as current events, history, geography, and literary excerpts by Spanish and Latin American authors.

Course # 1175 Honors Spanish III

Prerequisite: Honors Spanish II

Grade level: 10, 11, 12 *Course length: two semesters* *Course credit: 1*

This course follows the basic Spanish III curriculum. The students also have to produce additional oral and written work, and are exposed to additional literary works. This course prepares students for the next Honor level(s), and ultimately for the Spanish Language Advanced Placement test.

Course #1178 Honors Spanish IV

Prerequisite: Spanish III or Honors Spanish III

Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*

This course continues to review and expand vocabulary and grammar structures. It further develops command of the language through more complex compositions, original and spontaneous oral presentations, and conversations where students will demonstrate a high understanding of the spoken language. Students will also be exposed to a wider variety of literary works, news articles, video resources, musical pieces, geographical studies and cultural topics including social and political issues of the country being studied, in a full immersion environment.

Course #1180 Advanced Placement Spanish IV

Prerequisite: Spanish III or Honors Spanish III and department approval

Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Spanish Language test. This course continues to follow the basic Spanish IV curriculum, with a much greater emphasis on the following skills: listening, reading, writing and speaking.

Course #1173 Honors Spanish V

Prerequisite: Spanish IV or AP Spanish IV and department approval

Grade level: 12 *Course length: two semesters* *Course credit: 1*

Students will work in an advanced level textbook and will complete projects such as readings, research papers, oral presentations, digital media, etc., according to their interests and needs.

HEALTH AND WELLNESS

The physical education staff believes that active student participation is the foundation upon which our program is based. Physical education is committed to the development of physical fitness and life-long activity. This curriculum will provide opportunities for individuals to develop healthy lifestyles, enabling them to learn recreational activities that will enhance those lifestyles. Those students who feel they are eligible for a physical education waiver should see their counselor.

The following courses are required for graduation: P. E. (7 semesters), Health (1 semester).

Course #0511 Physical Education 9
Prerequisite: None
Grade level: 9 Course length: one semester Course credit: .5
This course serves as an exploration of the entire Health and Wellness Curriculum. Students will participate in a variety of physical activities including competitive sports, cardiovascular training, lifestyle fitness, and weight training. This experience will prepare students with a base of knowledge to choose their introductory courses for their sophomore year.

Course #0517 Health
Prerequisite: None
Grade level: 9 Course length: one semester Course credit: .5
This course will provide students with imperative knowledge covering a variety of aspects of health including physical, social-emotional, and mental health. The course will specifically cover human reproduction, illegal substances, nutrition, and disease prevention. This one semester course, offered during Freshman year, is required for graduation.

Course # 0523 Introduction to Team Sports
Prerequisite: None
Grade Level: 10,11 Course Length: one semester Course Credit: .5
This course will provide an opportunity for students to learn introductory knowledge, including rules, terms, and strategy, about competitive sports. Through these competitive sports, the class will set the foundation for developing leadership skills, critical thinking, and individual responsibility. Its content will act as a springboard to the Advanced Individual and Team Sports course.

Course # 0524 Introduction to Strength and Conditioning
Prerequisite: None
Grade Level: 9, 10,11 Course Length: one semester Course Credit: .5
This course will provide an opportunity for students to learn fundamental knowledge about strength and conditioning. Students will learn the benefits of weight training and the proper form and fundamentals to safe weight training. This course will act as a springboard to the Advanced Strength and Conditioning course, offered Sophomore, Junior and Senior Year. This course is repeatable during Sophomore Year.

Course # 0525 Introduction to Advanced Health

Prerequisite: None

Grade Level: 10,11 Course Length: one semester Course Credit: .5

This course will provide an academic setting for students to demonstrate knowledge of principles of health promotion and the prevention and treatment of illness and injury while using technology to improve fitness levels and skills. Students will also set goals and assess individual fitness levels in components of health-related fitness while understanding concepts necessary to engage in moderate to vigorous activity. This course serves as the foundation for both the Advanced Health and Personal Fitness and Nutrition courses.

Course # 0526 Introduction to Lifestyle Fitness

Prerequisite: None

Grade Level: 10,11 Course Length: one semester Course Credit: .5

This course will provide students with fundamental knowledge of a rigorous daily cardiovascular workout. Students will be exposed to group aerobic workouts including step, stability balls, weights, and bands. Additionally, students will learn the fundamentals necessary to engage in Spin classes in our Spin Studio. Students will learn the health enhancing benefits of having a fitness routine that maintains a healthy lifestyle. This course serves as a springboard to the Advanced Lifestyle Fitness course.

Course #0527 Advanced Lifestyle Fitness

Prerequisite: Introduction to Lifestyle Fitness

Grade level: 11, 12 Course length: two semesters Course credit: 1

Advanced Lifestyle Fitness will provide students with the opportunity to have rigorous daily cardiovascular/strength training workouts by utilizing spin bikes, aerobic group fitness workouts and other fitness activities. Its curriculum will enable pupils to learn and feel the health enhancing benefits of working their upper and lower bodies and also gain knowledge and experience in order to maintain a healthy lifestyle. This course may be repeated.

Course #0521 Advanced Strength and Conditioning

Prerequisite: Introduction to Strength and Conditioning or Department Approval

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Advanced Strength and Conditioning will teach students to identify and understand the benefits of weight training and how it affects the body. Students will also learn intermediate and advanced level training routines for complete muscular development, endurance, and power. Students will be expected to design and develop a balanced weight training program that not only expands on skills learned in the introductory course but also meets their current needs. This course may be repeated.

Course #0520 Advanced Team Sports

Prerequisite: Introduction to Team Sports

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course will allow students to expand on their base of knowledge learned in the introductory course. Students will learn advanced concepts, skills, and strategies as they compete in team sports. As well, this course will continue to develop leadership skills, critical thinking, and individual responsibility through competition. This course is offered as a fall and spring course with each offering covering different team sports. This course may be repeated.

Course #0514 Personal Fitness and Nutrition

Prerequisite: Introduction to Advanced Health

Grade level: 11, 12 *Course length: one semester* *Course credit: .5*

Students will be educated in how personal wellness must include the development of regular exercise programs, a nutritional care plan, and a weight control assessment. This course will provide students the opportunity to develop, chart, and regulate their own personalized nutrition and exercise programs through the development of goals and accurate health assessments. Evaluation will be on individual goal assessment and achievement. This course may be repeated.

Course #0518 Advanced Health

Prerequisite: Introduction to Advanced Health

Grade level: 11, 12 *Course length: one semester* *Course credit: .5*

This course will expand on the knowledge gained in the Introduction to Advanced Health course. This will include training in cardiopulmonary resuscitation (CPR), first aid procedures and the use of an automated external defibrillator (AED). It will also allow our students to receive CPR certification from the American Red Cross.

Course #0515 Integrated Physical Education

Prerequisite: Department approval

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

Integrated Physical Education mirrors other physical education classes while providing modification and adaptations to meet the needs and abilities of individual students with an IEP. The course will include leaders that will participate alongside and assist students when needed. As well, leaders will serve as mentors and help create a positive learning environment. This course is available to leaders in grades 10-12 and can be repeated.

Course #1493 Driver's Education Classroom

Prerequisite: Must pass eight courses the previous two semesters

Grade level: 10, 11, 12 *Course length: nine weeks* *Course credit: 0*

Students will be expected to develop an understanding of the rules of the road, defensive driving techniques as well as how to properly interact with other drivers. Students will also develop an understanding of car management, maintenance and other safety issues. Taking this course is a school requirement.

Course #1494 Driver's Education Behind the Wheel

Prerequisite: Pass the classroom portion and a valid learner's permit.

Grade level: 10, 11, 12 *Course length: nine weeks* *Course credit: 0*

Students will be expected to demonstrate proficiency in the defensive driving techniques. Students will be exposed to various driving, parking and safety maneuvers. Students demonstrating this proficiency will be eligible to apply for an Illinois driver's license. This is a pass/fail course. No grade is administered. **A fee is required.**

MATHEMATICS

Mathematics provides the essential problem-solving tools applicable to a range of scientific disciplines, business, and everyday situations. Mathematics is the language of quantification and logic. The elements are symbols, structures, and shapes. It enables people to understand and use facts, definitions, and symbols in a coherent and systematic way in order to reason deductively and to solve problems. A TI-84 Plus graphing calculator is required for every math course.

Course #0311 Algebra I Block
Prerequisite: None
Grade level: 9, 10 *Course length: two semesters* *Course credit: 1- Math*
1- Elective
Algebra I Block follows the same curriculum as Algebra I but utilizes two class periods daily. Students learn to describe the world around them with algebraic expressions, equations, graphs, and statistics. Applications, calculators, and computers provide the context for the abstract language of algebra. Students learn to model, solve, and graph linear and quadratic equations, systems of linear equations and linear inequalities, and setting up and solving systems of equations.

Course #0312 Algebra I
Prerequisite: None
Grade level: 9, 10 *Course length: two semesters* *Course credit: 1*
Students learn to describe the world around them with algebraic expressions, equations, graphs, and statistics. Applications, calculators, and computers provide the context for the abstract language of algebra. Students learn to model, solve, and graph linear and quadratic equations, systems of linear equations and linear inequalities, and setting up and solving systems of equations.

Course #0370 Honors Algebra I
Prerequisite: Department approval
Grade level: 9, 10 *Course length: two semesters* *Course credit: 1*
Students learn to describe the world around them using algebraic expressions, equations, graphs, and statistics. An in-depth study of functions and their properties sets the stage for explorations in linear, exponential and quadratic functions. Students will learn how to solve problems using a variety of algebraic techniques, especially modeling these functions in a real-world context.

Course #0317 Geometric Concepts
Prerequisite: Algebra I Block
Grade level: 10, 11, 12 *Course length: two semesters* *Course credit: 1*
Starting with a basic introduction to geometry, this course will focus on topics including transformations in a coordinate plane, triangle congruence, triangle and parallelogram theorems, right triangles and trigonometry, circles, probability, and surface area and volume of three-dimensional objects. This course will continue to emphasize algebra skills. **This course does not meet NCAA Eligibility requirements.**

Course #0313 Geometry

Prerequisite: Algebra I or Algebra I Block

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

In this course, students will study the following topics: introduction to the basics of geometry, triangle congruence, properties of two-dimensional figures, transformations in a coordinate plane, similarity, right triangles and trigonometry, circles, probability, surface area and volume of three-dimensional objects. This course will continue to emphasize algebra skills.

Course #0371 Honors Geometry

Prerequisite: Honors Algebra I or department approval

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

In addition to the current Geometry curriculum, students will be challenged by going more in-depth with geometric concepts, skills, proofs, probability and two-dimensional and three-dimensional rotations. This course will continue to emphasize algebra skills.

Course #0362 Algebra II

Prerequisite: Algebra I and Geometry

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

The course provides all the basic concepts studied in a second-year algebra course, including manipulation of polynomial and exponential equations, mathematical models, use of graphing calculators, trigonometry, and linear programming.

Course # 0367 Intermediate Algebra II

Prerequisite: Geometric Concepts or Geometry

Grade level: 11, 12 *Course length: two semesters* *Course credit: 1*

Students will study linear and exponential relationships, relationships and functions, systems of linear equations and inequalities, quadratic functions, rational functions, probability, trigonometry, and radical functions. The instruction is designed and paced to help students learn and retain concepts while connecting them to the real world. **This course does not meet NCAA Eligibility requirements.**

Course #0373 Honors Algebra II

Prerequisite: Honors Geometry

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

Students will be challenged by going more in-depth with Algebra II concepts and skills. Additional concepts include trigonometric identities, sequences and series, probability, and statistics.

Course #0366 Survey of Advanced Mathematics - Seniors

Prerequisite: Intermediate Algebra II, Algebra II or department approval

Grade level: 12 *Course length: two semesters* *Course credit: 1*

This course is designed for college-bound Seniors who plan to major in the liberal arts, social sciences or other fields. This course will introduce new skills on broad topics like sets, logic, number theory, functions, graphs, probability and statistics. **This course does not meet NCAA Eligibility requirements.**

Course # 0368 Preparatory Mathematics

Prerequisite: Intermediate Algebra II, Algebra II or department approval

Grade level: 12 Course length: two semesters Course credit: 1

This course is designed for college bound seniors who plan to major in the liberal arts, social sciences or other fields. The course curriculum will focus on Algebra, functions, and modeling as they apply to linear, polynomial, rational, and exponential expressions, equations, and functions. Students will apply their math skills to real world application problems. **This course does not meet NCAA Eligibility requirements.**

Course # 0369I Applied Math I

Prerequisite: Intermediate Algebra II, Algebra II, or Pre-Calculus, Student must complete 6 semesters of math prior to taking the course

Grade level: 12 Course length: one semester Course credit: .5

The Applied Math I course is intended and designed specifically to transition students to post-secondary technical pathways or careers. The course covers the basic principles of mathematics, with applications to problems encountered in various industries. Students will review practical geometry, measurement of plane and solid figures, precision, accuracy, elementary right triangle trigonometry, vectors, law of cosines, and law of sines. Students will compute, reason, and solve quantitative problems from a wide array of authentic contexts and everyday life situations. **This course does not meet NCAA Eligibility requirements.**

Course # 0369II Applied Math II (Dual Credit)

Prerequisite: Applied Math I

Grade level: 12 Course length: one semester Course credit: .5

The Applied Math II course is intended and designed specifically to transition students to post-secondary technical pathways or careers. The course covers the basic principles of mathematics, with applications to problems encountered in various industries. Students will review practical geometry, measurement of plane and solid figures, precision, accuracy, elementary right triangle trigonometry, vectors, law of cosines, and law of sines. Students will compute, reason, and solve quantitative problems from a wide array of authentic contexts and everyday life situations. This is a dual credit course with College of Lake County and is the equivalent to Math 115 Applied Mathematics II. Students will receive CLC credit if a grade of "C" or better is earned for the semester. **This course does not meet NCAA Eligibility requirements.**

Course #0363 Statistics and Trigonometry

Prerequisite: Pre-Calculus or Algebra II and department approval

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course consists of two separate areas of study. The primary focus of the trigonometry semester will be solving problems using trigonometric functions, equations, graphs and laws while modeling real-world scenarios. In the statistics semester, students will be exploring data organization, measures of center, variation and position for one and two variables, linear regression, and various uses of probability, including the binomial and normal variables. This course is designed with the college-bound student in mind.

Course #0364 Pre-Calculus

Prerequisite: Algebra II

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course is designed to prepare students for advanced math courses such as Calculus and other college-level mathematics courses. Major course topics include an in-depth study of conics, system of equations, and the following functions: rational, exponential, logarithmic and trigonometric. Additionally, the topics of sequences and probability will be examined.

Course #0374 Honors Pre-Calculus

Prerequisite: Honors Algebra II or department approval

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course is designed to prepare students for advanced math courses such as A.P. Calculus and higher-level, college math courses. Major topics included in the course are an in-depth study of following functions: rational, exponential, logarithmic and trigonometric. Additional topics of study include systems of equations, sequences, probability, vectors, polar coordinates, and parametric equations. The course will culminate with an introduction to basic calculus topics such as limits and derivatives.

Course #0380 Advanced Placement Calculus AB

Prerequisite: Honors Pre-Calculus and department approval

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Calculus AB test This course covers theory of functions, limits, continuity, derivative and integral calculus and applications.

Course #0382 Advanced Placement Calculus BC

Prerequisite: Honors Pre-Calculus and department approval

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Calculus BC test This course covers the same topics as Advanced Placement Calculus AB but at a faster pace. In addition, this course covers more advanced integration and derivation techniques for all function types, including parametric, polar, and vector functions. Polynomial approximations of series and convergence and divergence of series also are among the topics of this course.

Course #0381 Advanced Placement Statistics

Prerequisite: Honors Pre-Calculus or concurrent enrollment with Honors Pre-Calculus

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Statistics test. This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The topics are divided into four major themes: exploring data, probability and simulation, planning a study and statistical inference.

Course #0385 Advanced Placement Computer Science Principles

Prerequisite: Algebra I

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

The AP Computer Science Principles course is designed for students who desire an understanding of how computing and technology shape the world around them. Students will engage in discovery and creative opportunities as they develop programming skills, regardless of their previous programming or computer experience. This AP computer science course will introduce students to computer programming through seven key areas: creativity, abstraction, algorithms, programming, the Internet, and global impact.

Course #0383 Calculus III / Multivariable Calculus (AP weight) (Dual Credit)

Prerequisite: AP Calculus BC and department approval

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course continues the study of calculus beyond Advanced Placement Calculus BC. Topics of study are calculus and analytical geometry including: vector analysis, Euclidean space, partial differentiation, multiple integrals, line and surface integrals, and the integral theorems of vector calculus. This course will incorporate an online curriculum and be instructed by a math teacher. Students have the option to register for dual credit through the University of Illinois with a score of 4 or 5 on the AP Calculus BC test. The student fee for the dual credit option is $449, and successful students will receive credit for MATH 241 (Calculus III) from the University of Illinois.

MUSIC

The purpose of the vocal and instrumental music classes is to develop greater knowledge, understanding and skills through ensemble performance, listening, appreciation, history, theory and rehearsal techniques. The goal is to improve the individual's music abilities while enhancing specific ensemble's development. In addition, the Music Department hopes that students will develop the musical skills and appreciation that will continue throughout their high school experiences.

Course #0619 Bass Choir

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

Bass Choir is an introductory course to basic choral musicianship for voices in the tenor/bass range. Students will learn basic concepts in the fundamentals of choral performance. Students rehearse and perform choral music of various styles, cultures, and historical periods in several concerts throughout the year. Emphasis is placed on music reading, performing with professionalism, and producing a beautiful tone. Attendance at and full participation in all rehearsals and performances outside the school day are mandatory for all students and constitutes a portion of the overall grade. This course may be repeated for elective credit.

Course #0618 Treble Choir

Prerequisite: None

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

Treble Choir is an introductory course to basic choral musicianship for voices in the soprano/alto range. Students will learn basic concepts in the fundamentals of choral performance. Students rehearse and perform choral music of various styles, cultures, and historical periods in several concerts throughout the year. Emphasis is placed on music reading, performing with professionalism, and producing a beautiful tone. Attendance at and full participation in all rehearsals and performances outside the school day are mandatory for all students and constitutes a portion of the overall grade. This course may be repeated for elective credit.

Course #0620 Advanced Treble Choir

Prerequisite: Treble Choir, Bass Choir or department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

Advanced Treble Choir is an advanced course in choral musicianship for voices in the soprano/alto range. An audition with the instructor is required. Students will reinforce concepts in the fundamentals of choral performance. Students rehearse and perform choral music of various styles, cultures, and historical periods in several concerts throughout the year. Emphasis is placed on music reading, performing with professionalism, and producing a beautiful tone. Attendance at and full participation in all rehearsals and performances outside the school day are mandatory for all students and constitutes a portion of the overall grade. This course may be repeated for elective credit.

Course #0621 Concert Choir

Prerequisite: Treble Choir, Bass Choir or department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

Concert Choir is an advanced course in choral musicianship for mixed voices. An audition with the instructor is required. Students will reinforce concepts in the fundamentals of choral performance. Students rehearse and perform choral music of various styles, cultures, and historical periods in several concerts throughout the year. Emphasis is placed on music reading, performing with professionalism, and producing a beautiful tone. Attendance at and full participation in all rehearsals and performances outside the school day are mandatory for all students and constitutes a portion of the overall grade. This course may be repeated for elective credit.

Course #0670 Honors Choir

Prerequisite: Treble Choir, Bass Choir or department approval

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Honors Choir is an advanced course in choral musicianship for mixed voices and/or soprano/alto voices, determined by the assigned ensemble. An audition with the instructor is required. This course meets as part of the Concert Choir and/or Advanced Treble Choir classes and students are responsible for the same coursework as Concert Choir and/or Advanced Treble Choir. Honors Choir students will be challenged with an intense study of additional work. This work may include participation in an extra-curricular vocal ensemble, attendance at off-campus performances, written critiques, contest performances, private lessons, and participation in various festivals. Students will reinforce concepts in the fundamentals of choral performance. Students rehearse and perform choral music of various styles, cultures, and historical periods in several concerts throughout the year. Emphasis is placed on music reading, performing with professionalism, and producing a beautiful tone. Attendance at and full participation in all rehearsals and performances outside the school day are mandatory for all students and constitutes a portion of the overall grade. This course may be repeated for elective credit.

Course #0615 Concert Band - Winds

Prerequisite: Department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This course is designed for woodwind and brass students focusing on defining a fundamental skill set. The course emphasizes the refinement of performance techniques and interpretive skills while moderate levels of music of diverse styles and historical periods are learned and performed. Requirements include participation in all dress rehearsals and concerts that occur outside of the school day. This course can be repeated for elective credit.

Course #0616 Concert Band - Percussion

Prerequisite: Department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This course is designed for percussion students focusing on defining a fundamental skill set. The course emphasizes the refinement of performance techniques and interpretive skills while moderate levels of music of diverse styles and historical periods are learned and performed. Requirements include participation in all dress rehearsals and concerts that occur outside of the school day. This course can be repeated for elective credit.

Course #0617 Symphonic Band

Prerequisite: Department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This course requires an audition and is designed for instrumentalists focusing on refining an advanced skill set. The continued refinement of performance techniques and interpretive skills is emphasized while advanced levels of music of diverse styles and historical periods are learned and performed. Requirements include participation in all dress rehearsals and concerts that occur outside of the school day. This course may be repeated for elective credit.

Course #0671 Honors Wind Ensemble

Prerequisite: Department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

This course requires an audition and is designed for instrumentalists with an advanced skill set. Performance techniques and interpretive skills are emphasized while collegiate or professional levels of music of diverse styles and historical periods are learned and performed. Requirements include participation in all dress rehearsals and concerts that occur outside of the school day. This course can be repeated for elective credit.

Course #0680 AP Music Theory

Prerequisite: Minimum 4 semesters of music ensemble courses (Treble Choir, Bass Choir, Advanced Treble Choir, Concert Choir, Honors Choir, Concert Band, Symphonic Band, Wind Ensemble) with a "B" or better in all 4 semesters, concurrent enrollment in a music ensemble course, and department approval.

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Music Theory exam. Students will learn to recognize, understand, and describe the basic materials and processes of music. Students will develop skills by listening to, reading, writing, and performing a wide variety of music.

Course #0614 Flag Corps

Prerequisite: Audition

Grade level: 9, 10, 11, 12 Course length: one quarter Course credit: .25

This course is for students who are chosen from auditions held in the spring of the previous school year. These students work on developing appreciation and performance skills through the use of flag equipment. During the first quarter, the Symphonic Band combines with the Flag Corps to make up the Marching Band. Attendance at summer band camp, Monday and Tuesday night rehearsals, and all performances for home football games and contests are required. This class can be repeated for elective credit. Flag Corps members may also participate in Winter Flags through auditions and the recommendation of the band director.

SCIENCE

The Science Department believes that students should be able to analyze data, draw conclusions and be scientifically literate as they prepare to enter college or the workplace. The department also believes that students should have the ability to reason scientifically as it provides a conceptual framework for understanding natural phenomena and their cause and effects.

Course #0423 Biology

Prerequisite: None

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

Students enrolled in Biology will develop an understanding of key concepts that will help them make sense of life sciences through phenomenon-based learning. The five life science concepts focused in the biology curriculum are: structure and function, inheritance and variation of traits, matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, and natural selection and evolution. Integrated with these key concepts will be the Next Generation Science Standards (NGSS) Science and Engineering Practices which will help students develop the science skills that will be used in future science courses and help prepare them as educated citizens.

Course #0470 Honors Biology

Prerequisite: Department approval

Grade level: 9, 10, 11, 12 *Course length: two semesters* *Course credit: 1*

Students enrolled in Honors Biology will develop an understanding of key concepts that will help them make sense of life sciences. The five life science concepts focused in the biology curriculum and organized into integrated units driven by an anchoring phenomena are: structure and function, inheritance and variation of traits, matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, and natural selection and evolution. Students will work collaboratively to test experimental questions, analyze and interpret data, develop and use models, use mathematical and computational thinking and construct explanations. Integrated with these key concepts will be the Next Generation Science Standards (NGSS) Science and Engineering Practices which will help students develop the science skills that will be used in future science courses and help prepare them as educated citizens.

Course #0424 Chemistry

Prerequisite: None

Grade level: 10, 11, 12 *Course length: two semesters* *Course credit: 1*

Students enrolled in Chemistry will develop an understanding of key concepts that will help them make sense of physical sciences. Chemistry will focus on study of the composition and structure of matter, the changes matter undergoes, and the energy associated with those changes. This course, using a phenomenon based curriculum covers a range of topics. Students will work collaboratively to test experimental questions, analyze and interpret data, develop and use models, and construct explanations using evidence. Integrated with these key concepts will be the Next Generation Science Standards (NGSS) Science and Engineering Practices which will help students develop science competencies that will be used in future science courses and help prepare them as educated citizens.

Course #0471 Honors Chemistry

Prerequisite: Algebra I and department approval

Grade level: 9, 10, 11, 12 Course length: two semesters Course credit: 1

Students enrolled in Honors Chemistry will develop a comprehensive understanding of key concepts that will help them make sense of the physical sciences. Chemistry will focus on study of the composition and structure of matter, the changes matter undergoes, and the energy associated with those changes. This course, using a phenomenon based curriculum covers a range of topics. Students will work collaboratively to test experimental questions, analyze and interpret data, develop and use models, use mathematical and computational thinking and construct explanations using evidence. Integrated with these key concepts will be the NGSS Science and Engineering Practices which will help students develop science competencies that will be used in future science courses and help prepare them as educated citizens.

Course #0412 Earth Science

Prerequisite: None

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Earth science focuses on the planet Earth and its relationship to its inhabitants. This laboratory course includes studies in the following areas: minerals and rocks, cartography, seismology, volcanology, geomorphology, astronomy, paleontology, meteorology, and oceanography.

Course #0474 Honors Earth Science

Prerequisite: Chemistry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This accelerated course is designed for the college bound student or those that have a high interest in the geological sciences. The course will be an in-depth study of many of the same subjects in Earth Science. Emphasis will be on learning and using many current geologic concepts for problem solving and developing critical thinking skills.

Course #0416 Astronomy

Prerequisite: Geometry

Grade level: 11, 12 Course length: one semester Course credit: .5

This course will involve students in the study of the solar system and universe. Areas of study include motions, properties, and evolution of the sun, planets, stars, galaxies and universe; the properties of electromagnetic radiation; and astronomical instruments.

Course #0417 Environmental Science

Prerequisite: Biology

Grade level: 11, 12 Course length: one semester Course credit: .5

This course is an overview of the structure and function of biological, hydrological and atmospheric systems. Topics of study include soil and water analysis, biodiversity, pollution, renewable and nonrenewable resources as well as the dynamic between the ocean and atmosphere. Human impact on these systems will be analyzed.

Course #0415 Physics

Prerequisite: Chemistry and Geometry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Physics is a laboratory-based course with an intensive algebra component. Students will study matter and energy: motion, forces, sound, light, electricity, magnetism and nuclear reactions. This course is appropriate for students who are not planning on studying engineering or physical science in college.

Course #0472 Honors Physics

Prerequisite: Chemistry and Geometry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Honors Physics is a laboratory-based course with an intensive algebra component. Students will study matter and energy: motion, forces, sound, light, electricity, magnetism and nuclear reactions. This course is intended for students who may be interested in studying engineering or physical sciences in college.

Course #0473 Honors Human Anatomy & Physiology

Prerequisite: Chemistry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Students will learn about both normal and abnormal human anatomy (structure) and physiology (function). The course includes a study of cells, tissues, organs, organ systems, and the human body as a functioning organism.

Course #0475 Honors Biotechnology

Prerequisite: Chemistry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

Honors Biotechnology I is a laboratory-based course that integrates concepts introduced in biology and chemistry while identifying and analyzing current biotechnological advances. This course emphasizes the importance of critical thinking, scientific inquiry, experimental design, and problem-solving. Students will learn the biological, engineering, and laboratory skills utilized in the biotechnology sector and be introduced to careers within the field.

Course #0476 Advanced Placement Seminar: Biotechnology

Prerequisite: Honors Biotechnology I and/or AP Biology

Grade level: 11, 12 Course length: two semesters Course credit: 1

Advanced Placement Seminar: Biotechnology is a laboratory-based course that extends foundational concepts and laboratory techniques learned in Honors Biotechnology I. Students will learn how researchers use these techniques to manipulate DNA and develop such things as recombinant proteins and transgenic organisms. In this course, students will focus on laboratory skills utilized in the biotechnology sector and the application to the enhancement of human life and the improvement of the world. In addition, as part of the AP Seminar curriculum, students will engage in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students will learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

Course #0480 Advanced Placement Biology

Prerequisite: Chemistry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Biology test. This is a laboratory-based course that is constructed to offer high school students the equivalent of a college introductory biology course. It is designed to be taken after successful completion of the first year of biology and chemistry. It is taught to students by establishing conceptual understanding rather than factual technical detail, establishing analytical and critical thinking skills through experimentation, and establishing a working knowledge of biology as a changing process of science. This class meets for one and a half class periods per day. **This course requires summer coursework.**

Course #0481 Advanced Placement Chemistry

Prerequisite: Chemistry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Chemistry test. The AP Chemistry course is designed to be the equivalent of the general college chemistry course. Students in this course will attain a deep understanding of fundamentals and competence in dealing with chemical problems. The topics covered include an emphasis on chemical calculations and the mathematical formulation of chemistry principles. This class will meet for one and a half class periods per day.

Course #0484 Advanced Placement Environmental Science

Prerequisite: Chemistry

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Environmental Science test. Students will learn scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Course #0482 Advanced Placement Physics I

Prerequisite: Chemistry, Algebra II

Grade level: 10, 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Physics test. This laboratory-based course is designed to offer high school students the equivalent of a first semester college introductory Physics course. The AP students will develop a deep understanding of the content and apply that knowledge through inquiry-based labs, hands-on exploration, and deeper engagement. The course covers Newtonian mechanics, work, energy, power, waves, sound, and electrical circuits. This class meets for one and a half class periods per day.

Course #0483 Advanced Placement Physics C

Prerequisite: AP Calculus AB, concurrent enrollment in AP Calculus BC or department approval.

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Physics C test. This laboratory-based course is designed to offer high school students the equivalent of first semester college introductory, calculus-based, Physics course. The AP students will develop a deep understanding of the content and apply that knowledge through inquiry-based labs, hands-on exploration, and engagement. The course curriculum will focus on mechanics, electricity and magnetism. This class meets for one and a half class periods per day. **This course requires summer coursework.**

Course #0486 General Chemistry (Dual Credit)

Prerequisite: Chemistry and an appropriate score on the Math Placement Test or SAT of 510 or higher - AND - College Reading and Writing Readiness

Grade level: 11, 12 Course length: two semester Course credit: 1

This course develops an analytical approach to solving chemical problems. The student is provided with principles that relate chemical structure, energy and reactivity and is introduced to the following topics: composition and properties of matter, nomenclature, stoichiometry, solutions, gas laws, thermochemistry, atomic structure and periodic trends, bonding, molecular geometries, and properties of liquids, solids, and gasses. This course is intended for chemistry majors, science majors, engineering majors, and students seeking careers in pre-professional health related fields.

Course #0485 Principles of Biology (Dual Credit)

Prerequisite: An appropriate score on the Math Placement Test or SAT of 510 or higher - AND - College Reading and Writing Readiness

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course introduces basic biological principles of life processes held in common by all organisms. Topics covered include the chemical and physical basis of life, cell structure and function, concepts of heredity, population genetics, and evolution. Note: Though this course will provide a general understanding of the basics of cellular biology qualifying it as a general education course, it will also provide a foundation for those students potentially entering an allied health program (dental hygiene, nursing, medical images, etc.).

SEMINAR COURSES

Seminar courses are elective courses that prepare students for the rigors and unique challenges of high school coursework and post-secondary endeavors. Students will develop organizational strategies, executive functioning skills, and college and career readiness competencies. Designed for students experiencing a transition point in their schooling, seminar courses provide students with the tools that they will need to be successful in high school and beyond.

Course #1330 Bulldog Seminar

Prerequisite: None

Grade Level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course provides students the opportunity to build their college and career readiness skills through the three pillars of the curriculum: executive functioning skills, digital literacy skills and responsibility, and 21st Century thinking and learning skills. Through the development of a capstone project, students will learn necessary skills and demonstrate their mastery of these skills.

SERVICE LEARNING

Service learning courses are designed to prepare students for future employment in a variety of career pathways. Students earn elective credits developing workplace skills in core employability competencies while serving as office aides, academic tutors, peer mentors, or as career interns placed with local partners, including the school district. Participating students are expected to demonstrate a strong work ethic, reliability, adaptability, and personal growth as a result of these authentic, hands-on experiences.

Course #1341 Student Aide

Prerequisite: Good academic and disciplinary standing, strong attendance record, counselor referral, application process

Grade level: 11, 12 Course length: one semester Course credit: .25-.5

Open to all Juniors and Seniors in good academic and disciplinary standing, this course provides elective credit for students serving as aides in a variety of settings throughout the building, such as: the front office, the attendance office, the dean's office, the athletic office, and the district library. Students serve in these roles in lieu of being assigned a traditional study hall period in their schedules. Student tasks may include delivery of school-related items to classrooms, assisting fellow students, and greeting district visitors. Any items of business that are transacted in the office or library setting are confidential, and student aides are never to release information about any students, at any time. Student performance will be assessed periodically and students will receive a comprehensive evaluation at the end of each term. Students who successfully meet or exceed expectations will receive high school credit. This course is configured to be pass-fail. This course may be repeated.

Course #1342 Peer Mentor

Prerequisite: Good academic and disciplinary standing, strong attendance record, staff referral, application process

Grade level: 12 Course length: one semester Course credit: .25-.5

Open to Seniors in good academic and disciplinary standing, this course provides for peer mentoring opportunities in T.E.A.M. classrooms. Students serving as Big Dawg mentors are recommended by staff members due to their team-building skills, collaborative personalities, and strong work ethics. Student tutors report to Freshman T.E.A.M. classrooms and work directly with a GCHS faculty member to assist new students with acclimating to the high school environment and foster academic, behavioral, and social-emotional success. Student placements are determined by staff recommendations, counselor approval, and student availability. Peer mentor performance will be assessed periodically and students will receive a comprehensive evaluation at the end of each term. Students who successfully meet or exceed expectations will receive high school credit. This course is configured to be pass-fail. This course may be repeated.

Course #1343 Academic Tutor

Prerequisite: Good academic and disciplinary standing, strong attendance record, teacher referral, application process.

Grade level: 11, 12 Course length: one semester Course credit: .25-.5

Open to Juniors and Seniors in good academic and disciplinary standing, this course provides for peer tutoring opportunities in a variety of subject areas throughout the course of the academic day. Students serving as academic tutors are recommended by faculty members due to their subject-specific skills, collaborative personalities, and strong work ethics. Student tutors report to academic resources labs in lieu of T.E.A.M. or study halls and work directly with a GCHS faculty member to assist students with grasping key course concepts or with developing essential course skills. Student placements are determined by teacher recommendations, counselor approval, and student availability. Academic tutor performance will be assessed periodically and students will receive a comprehensive evaluation at the end of each term. Students who successfully meet or exceed expectations will receive high school credit. This course is configured to be pass-fail. This course may be repeated.

Course #1344 Career Internship

Prerequisite: Good academic and disciplinary standing, strong attendance record, counselor referral, application process.

Grade level: 12 Course length: one semester Course credit: .5

Open to all seniors in good academic, disciplinary, and attendance standing, this pass-fail course provides students with an opportunity to evaluate a prospective career path prior to formally enrolling in a postsecondary program. Students must provide their own transportation to and from placement sites. A hybrid course, the Career Internship provides students with career-specific "soft skills" in a classroom setting on a weekly basis, coupled with on-site internship hours at a partnering place of employment. Students enrolled in this program will have an early release built into their schedules to allow for classroom lessons or traveling to an internship site. Students will complete a minimum of 60 hours at the internship site each school term in order to receive high school credit on their transcripts. Hours are flexible and may be completed during the school day, after school hours, or on weekends. A GCHS faculty member assists students with internship applications, site placements, performs periodic evaluations, and leads the classroom component of the course. This course may be repeated.

SOCIAL STUDIES

In order for students to participate effectively in a free society and to exercise positive political and social behaviors, they must be able to focus on the complex, social, economic, and political changes in our world. Social Studies courses provide students with an understanding of society and human values. Furthermore, these courses prepare students for citizenship and the representative processes in a democracy while providing the basics for understanding the complexity of the world community.

The following courses are required for graduation: World History, US History, and Government.

Course #0213 World History
Prerequisite: None
Grade Level: 10 *Course Length: two semesters* *Course Credit: 1*
This course uses a thematic approach to study the history of the world, its influence on the creation and development of the United States, and the United States' influence on world events. Four main themes: government, economics, culture, and conflict will be covered. For each theme, students will learn first where the world is currently, and using this as a starting point, they will then trace the evolution of world history from the cradles of civilization through modern day.

Course #0273 Honors World History
Prerequisite: Department approval
Grade Level: 10 *Course Length: two semesters* *Course Credit: 1*
This course uses a thematic approach to study the history of the world, its influence on the creation and development of the United States, and the United States' influence on world events. Four main themes: government, economics, culture, and conflict will be covered. For each theme, students will learn first where the world is currently, and using this as a starting point, they will then trace the evolution of world history from the cradles of civilization through modern day. Intensive reading, writing, and speaking activities supplement the traditional curriculum. Critical thinking and writing will be emphasized along with a more rigorous study of historical topics. Students who enroll in this course must possess strong reading and writing skills. This course fulfills the World History requirement.

Course #0214 U. S. History
Prerequisite: None
Grade level: 11 *Course length: two semesters* *Course credit: 1*
This course allows students to explore the greater meanings and influences behind the facts and figures of our historical past. Reading, writing and speaking activities supplement the traditional curriculum. Students begin by delving into the topic of slavery and studies will conclude with the war on terror and U.S. involvement in the Middle East.

Course #0270 Honors U.S. History
Prerequisite: Department approval
Grade level: 11 *Course length: two semesters* *Course credit: 1*
This course allows students to explore the greater meanings and influences behind the facts and figures of our historical past. Intensive reading, writing, and speaking activities supplement the traditional curriculum. Critical thinking and writing will be emphasized along with a more rigorous study of historical topics. Students who enroll in this course must possess strong reading and writing skills.

Course #0215 Government

Prerequisite: None

Grade level: 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course provides students with an in-depth study of issues and processes behind American government. Topics such as democracy, voting, political parties, and elections are emphasized. Students take an active approach to their citizenship by participating in reality based political simulations, projects, and discussions. Local, state and federal governments and constitutions are also explored. This course meets the requirements for state and federal constitution tests.

Course #0271 Honors Government

Prerequisite: Department approval

Grade level: 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course adds depth and breadth to the government curriculum. Enrolled students are expected to have strong reading and writing skills and be able to use them when studying topics ranging from democracy to political parties to the electoral process. This course fulfills the government requirement and the requirements for state and federal constitution tests.

Course #0212 World Geography

Prerequisite: None

Grade level: 9, 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course is designed to provide students with a survey of the major geographical regions of the world. Students will focus on the world's physical geography and how it has influenced a region's historical, economic, and demographic development. Several projects will be required.

Course #0219 Economics

Prerequisite: None

Grade level: 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course will provide students with an understanding of the production, distribution and consumption of goods and services and their management. Students will focus on demand and supply, markets, labor management, monetary policy, investment and personal finances. This course fulfills the Consumer Education requirement (105 ILCS 5/27-12.1).

Course #0216 Global Insights

Prerequisite: None

Grade level: 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course gives students the opportunity to study and understand contemporary global issues. Students will discuss current events, examine contentious issues and learn the path the global community is on and where this may lead.

Course #0217 Psychology

Prerequisite: None

Grade level: 10, 11, 12 *Course length: one semester* *Course credit: .5*

This course provides a basic understanding of psychology as a social science. Students will learn about the various perspectives employed to understand behavior, the scientific method and its role in psychology, theories of sleep and dreaming, learning principles, social influences and relations, and psychological disorders. In addition, students will apply their knowledge of psychological ideas through experimentation, projects, group discussion, presentations, and interactions with each other.

Course #0218 Sociology
Prerequisite: None
Grade level: 10, 11, 12 Course length: one semester Course credit: .5
This course focuses on the study of cultures and how people interact with one another within groups and within social institutions. Students will study the organization of societies, sociological procedures, vital human issues, social climate, and social problems.

Course #0282 Advanced Placement World History
Prerequisite: Department approval
Grade level: 10, 11, 12 Course length: two semesters Course credit: 1
This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement World History test. This course is designed to develop a greater understanding of the advancement of human society. AP World is taught at a significantly higher level than most Social Studies courses and students electing to take it should be strong readers and writers, self-motivated, and expect academic rigor. This course fulfills the World History requirement.

Course #0280 Advanced Placement U.S. History
Prerequisite: Department approval
Grade level: 11, 12 Course length: two semesters Course credit: 1
This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement U.S. History test. This course is taught at a significantly higher level than U.S. History and Honors U.S. History. After successful completion of this course students are not permitted to enroll in either U.S. History or Honors U.S. History.

Course #0283 Advanced Placement United States Government and Politics
Prerequisite: Department approval
Grade level: 10, 11, 12 Course length: one semester Course credit: .5
This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement United States Government and Politics test. The goals of this course are to introduce students to politically significant concepts and themes; through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and develop evidence-based arguments. AP United States Government and Politics is taught at a significantly higher level than most Social Studies courses and students electing to take it should be strong readers and writers, self-motivated, and expect academic rigor. This course fulfills the Government requirement.

Course #0284 Advanced Placement Microeconomics
Prerequisite: Department approval
Grade Level: 11, 12 Course Length: one semester Course Credit: .5
This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Microeconomics test. The goal of this course is to introduce students to economics that apply to economics systems as a whole and gain a better understanding of the functions of individual decision makers within those economics systems. AP Microeconomics is taught at a significantly higher level than most Social Studies courses and students electing to take it should be strong readers and writers, self-motivated, and expect academic rigor.

Course #0285 Advanced Placement Macroeconomics

Prerequisite: Advanced Placement Microeconomics

Grade Level: 11, 12 Course Length: one semester Course Credit: .5

This course will follow the curriculum recommended by the National College Board of Education. The goal of this course is to introduce students to economics that apply to economics systems as a whole and gain a better understanding of the functions of individual decision makers within those economics systems. AP Macroeconomics is taught at a significantly higher level than most Social Studies courses and students electing to take it should be strong readers and writers, self-motivated, and expect academic rigor. Additionally, students will be prepared for the Advanced Placement Economics exam and should expect to take it in May. This course fulfills the Consumer Education requirement (105 ILCS 5/27-12.1).

Course #0281 Advanced Placement Psychology

Prerequisite: Department approval

Grade level: 11, 12 Course length: two semesters Course credit: 1

This course will follow the curriculum recommended by the College Board with the goal to prepare students for the Advanced Placement Psychology test. Students will learn about the field of psychology through in-depth study, discussion, and hands-on activities. They will also learn the methods used by psychologists to study the ways humans act and think. This course is taught at a significantly higher level than most Social Studies courses and students electing to take it should be strong readers, self-motivated, and expect academic rigor.

Course #0287 History 121 (Dual Credit)

Prerequisite: CLC Reading and Writing Readiness

Grade level: 12 Course length: one semester Course credit: .5

This course is a historical survey of the West from the ancient civilizations of Egypt, Greece, and Rome through the Middle Ages and the Renaissance. Emphasis is placed on the political, economic, social, cultural, and intellectual forces that shaped the development of Western Civilization. This one semester course will earn students a semester of college credit from the College of Lake County. This course must be taken in addition to courses to fulfill the GCHS civics graduation requirement.

Course #0288 History 122 (Dual Credit)

Prerequisite: CLC Reading and Writing Readiness

Grade level: 12 Course length: one semester Course credit: .5

This course is a historical survey of the West from the Reformation and rise of absolutist monarchies through the French Revolution, Age of Industrialization, the 20th century ideological conflicts and wars, and the modern global age. Emphasis is placed on the political, economic, social, cultural, and intellectual forces that shaped the development and direction of Western Civilization. This one semester course will earn students a semester of college credit from the College of Lake County. This course must be taken in addition to courses to fulfill the GCHS civics graduation requirement.

Course #0286 Comparative Political Systems (Dual Credit)

Prerequisite: CLC Reading and Writing Readiness

Grade level: 12 Course length: one semester Course credit: .5

The primary focus of this dual credit course is to describe and explain the conditions necessary and sufficient for a democracy to exist. A three-part classification (Developed Democracies, Developing Democracies and Non-Democracies) is used to analyze the similarities and differences found within and across the different political systems. A select group of countries from different regions in the world are studied to illustrate political, economic and social development as it relates to regime type. This one semester course will earn students a semester of college credit from the College of Lake County. This course must be taken in addition to courses to fulfill the GCHS civics graduation requirement.

ALTERNATIVE CREDIT PROGRAM

Grant Community High School offers a non-traditional, computer-based instructional program that serves as an alternative method of instruction for students who have achieved limited success academically. Participation in the program requires approval from the Student Services department and administration. Each alternative credit course varies in length and level of difficulty.

Grade level: 9, 10, 11, 12

The following courses are available in the alternative credit program:

ENGLISH
- English 9
- English 10
- English 11
- English 12

HEALTH AND WELLNESS
- Health
- Healthy Lifestyle
- Personal Wellness
- Physical Education Equivalent

MATHEMATICS
- Algebra I
- Algebra II
- Geometry

SCIENCE
- Biology
- Chemistry
- Earth Science
- Physics

SOCIAL STUDIES
- Consumer Education
- Government
- U.S. History
- World History

LAKE COUNTY HIGH SCHOOLS TECH CAMPUS

The Tech Campus is an extension of Grant Community High School for students to attend classes in a specific career training program. The Tech Campus is regarded as one of the best career and technical education training facilities in the Midwest, with a highly qualified staff dedicated to excellence in career and technical education. With twenty-two member high schools throughout Lake and McHenry Counties representing nearly 2,000 high school students, Tech Campus is the largest career technical secondary educational facility in Illinois.

The Tech Campus experience provides an educational environment that supports and encourages individual learning styles, develops occupational skills and professionalism, promotes academic growth, and assists students in discovering their potential. In addition to earning high school credit, the Tech Campus has partnered with the College of Lake County, allowing students the opportunity to earn college credit at no cost.

Junior or senior students possessing good attendance and disciplinary records will be eligible to enroll in Tech Campus programs. Tech Campus courses are year-long and students receive 3.0 credits, with the exception of Cosmetology students receiving 4.0 credits.

Programs of study are:

Automotive Collision Repair

Instruction in this two-year program emphasizes both the repair and the refinishing skills associated with restoring a damaged automobile to factory specifications. Using an industry-endorsed curriculum, you will develop core skills in automobile construction, sheet metal damage repair, MIG welding, and basic refinishing. Upon mastery of the skills in core areas, you'll advance into damage estimating, shop management, heavy collision repair, and finish matching.This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Automotive Service

This two-year program will provide you with a solid foundation of skills to enter the automotive service industry. Instruction will feature training on brakes, steering and suspension, electrical systems, and engine performance. Upon successful completion of this program, you'll be prepared to take the ASE (Automotive Service Excellence) certification exams in the areas emphasized in the program. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Certified Nursing Assisting

Prerequisite: Geometry

This program is designed to prepare students for employment as nursing assistants and for future entry into nursing education programs. This program leads to a CNA certificate. Training will include the development of basic nursing and cardiopulmonary resuscitation skills through lectures, laboratory demonstrations, laboratory practice, and clinical experience. Instruction in this program includes a minimum of 40 clinical hours held in long-term facilities in the community. Upon successful completion of this program, you'll be eligible to take the written examination for the nurse assistant state certificate. *Students must be 16 years of age*. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Computer Support Services
This two-year program will prepare you for careers in the computer field. You will learn how to install, maintain, upgrade, and repair computer hardware & software on workstations and network systems. It will also prepare you for the A+ Certification Exam. Upon successful completion of this program, you'll be able to diagnose hardware or software failures and perform the actions necessary to correct the problems based on knowledge of the system's operation. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Construction Skills & Management
The first year of this program offers an overview and analysis of conventional construction methods with a focus on Carpentry, HVAC, Electrical, Plumbing, environmental impacts on construction, and overall construction safety. The hands-on use of building materials and tools in various construction systems is emphasized, including basic design of temporary structures. To further enrich your experience, case studies and guest speakers are utilized to expose you to various professions and careers in the field.
In year two, you will learn all phases of planning and scheduling from the process of listing and sequencing to the development of the critical path network. In addition, you will review construction specifications and how they relate to national, state, and local building codes. Topics related to job safety and Occupational Safety and Health Administration (OSHA) regulations will also be discussed. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Cosmetology
The Tech Campus offers a two-year Cosmetology program that includes nail technology. Over the course of the program, you will acquire the 1500 hours of experience required for licensing while learning how to perform shampoos, make-overs, facials, hair-styling, manicuring, sculptured nails, permanent waving, hair coloring, and cutting. Following the lab phase of the program, you'll reinforce your training by working on clients in the Tech Campus Creations Salon + Spa.

Criminal Justice
The class will cover ethical considerations for criminal justice professionals and challenges to police officers, as well as constitutional considerations for policing. The class will also cover the functions and structure of the court and judicial system. Further topics will include correctional institutions, current and pending court cases, juvenile justice, and role-playing opportunities related to criminal justice. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Culinary
This two-year program provides culinary and hospitality education designed to prepare you for the many positions in the hospitality industry. You'll gain skills and knowledge in cold and hot food preparation, nutrition, baking, pastry, menu planning, sanitation, equipment operation, inventory control, purchasing, and front-of-the-house customer service. Skills will be practiced in planning, organizing, and preparing culinary creations for special events, competitions, and the Tech Campus Café. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Cybersecurity

Prerequisite: Geometry

The world runs on computers. This program is designed to give you a practical perspective on computer security, and approaches computer security in a way that anyone can understand. Learn how networks handle routing, DNS, load-balancing, and more. You'll receive light training in software development applications and other interactive media for mobile devices such as smartphones, tablets, and gaming applications that can run on a variety of platforms, then execute security measures to keep that data secure. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Early Education & Teaching

This two-year program is designed to prepare you for a variety of careers serving children. You'll learn how to plan and implement age-appropriate activities in creative arts, math, science, music, and language for preschool children in the Tech Campus Preschool. Instruction will focus on the positive guidance of child behavior and all aspects of their development. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Emergency Medical Services

Grade Level: 12

This program prepares you to take the licensure examination of the Illinois Department of Public Health to become an EMT-B. Activities include clinical experience in a hospital emergency room and ride-alongs with local Fire/EMS departments. You'll also learn American Heart Association Healthcare Provider CPR, patient assessment, stabilization, and initial pre-hospital medical treatment of injured and ill patients. Students in this program must be seniors. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Firefighting

This program is designed to prepare you for entry-level firefighter positions. Topics covered include fire chemistry, personal protective clothing, identifying ropes, tying knots, using fire extinguishers, performing forcible entry, carrying and raising ladders, operating a self-contained breathing apparatus, employing search and rescue techniques, working with ventilation tools, and practicing hose evolutions on an operating fire engine. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Game Programming & Virtualization

Prerequisite: Geometry

This program is designed to provide instruction in the computer science field. You'll be able to develop video games & professional programs using realistic hands-on interdisciplinary exercises. The game programming curriculum will focus on industry standard coding languages. Additional training will cover 2D and 3D animation. You'll also work with virtual reality technologies that provide experience using complex data in a simulated real-world application. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Industrial Technology

Our Industrial Technology program, located at the College of Lake County's new Advanced Technology Center, will prepare you to work in a modern manufacturing environment, developing the skills you need to maintain, repair, and operate machinery and equipment in a high-tech, industrial setting. You'll gain "hands-on" experiences in hydraulics, machine alignment, electricity, and mechanical fundamentals. After acquiring skills in electronics, computerized equipment maintenance and preventive/predictive maintenance, you'll have the confidence and ability to work for industrial manufacturing companies, food manufacturing/processing plants, farms, industrial contract service providers, machine shops, construction companies, and welding/fabrication shops. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Law Enforcement & CSI

This program prepares you for careers in the policing field. The class will focus on police procedures that are standard to a new police officer and the steps that are necessary to continue into a policing career. The class will also explore basic crime scene investigation, interview and interrogation methods, and a study of criminal investigation. A police background check is required to participate in job shadows, internships, and ride-alongs at local police departments. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Medical Assisting

This program introduces you to a wide variety of careers in the allied health field, including medical lab technician, medical assistant, and medical office professional. Training will include medical terminology, communication, body structure and function, vital sign measurement, principles of infection control, medical instrumentation, pharmacy technology, medical office assistant certification procedures, and microscope usage. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Multimedia Design

In the first year of Multimedia Design, you'll be introduced to design, art, and digital media through the exploration of 2-D and 3-D composition. Software programs such as Adobe Photoshop, Illustrator, and InDesign will be utilized to teach design concepts and create compositions. You'll also cover the basics of HTML website creation and the process of creating complex websites through the Adobe XD software. After second semester, you'll become certified in Adobe applications.

The second year has been developed to introduce you to digital video editing and other areas in the field of multimedia that coincide with the video editing process. You'll explore the art of video creation from capturing imagery, sound, editing, and exporting video. You'll also explore the world of 2-D animation from script writing, storyboarding, transferring drawings to digital renderings, working with different file formats, and more. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Welding/Fabrication

This two-year program provides hands-on experiences gained from extensive practice and application of knowledge in shop safety, oxy-fuel welding and burning, arc welding, (stick, MIG, TIG), plasma arc cutting, and automatic shape cutting. Layout and fit-up, blueprint reading, and weld symbols are used to fabricate a variety of metal projects. The American Welding Society (AWS) recognizes the Tech Campus Welding program as an Educational Instruction Member. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Project Lead the Way - Biomedical Science

This program provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions and infectious diseases. Students investigate lifestyle choices, medical treatments, and how and the development of diseases is related to change in human body systems. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions.

Year One Courses:

Principles of Biomedical Science

Principles of Biomedical Science (PBS) provides an introduction to biomedical science through exciting hands-on projects and problems. You'll investigate concepts of biology and medicine as you explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. You'll determine the factors that led to the death of a fictional woman as you sequentially piece together evidence found in her medical history and her autopsy report, then investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of the disease is related to changes in human body systems. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Human Body Systems

In the Human Body Systems (HBS) course, you'll examine the interactions of body systems as you explore identity, communication, power, movement, protection and homeostasis. You'll design experiments, investigate the structures and functions of the human body and use data acquisition software to monitor body functions, such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, you'll build organs and tissues on a skeletal model, perform 4 organ dissections, work through interesting real-world cases, and play the role of a biomedical professional to solve medical mysteries. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Year Two Courses:

Medical Interventions

In Medical Interventions, you'll follow the life of a fictitious family as you investigate how to prevent, diagnose, and treat disease. You'll explore how to detect and fight infection, screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail. Through real-world cases, you'll be exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

Biomedical Innovation

In the final course of the PLTW Biomedical Science sequence, you'll build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. You'll address topics ranging from public health and biomedical engineering to clinical medicine and physiology. You'll also have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution. This course may be taken for dual credit and/or articulated credit through the College of Lake County. To be eligible for dual credit and/or articulated credit, a student shall meet course prerequisites and requirements.

PLEASE NOTE: Tech Campus programs may require additional student participation fees which are not paid by the School District. These fees are subject to change. The fee should not be a barrier to participation in Tech Campus programs. If you have difficulty paying the fee, please contact your counselor.