

GLENBARD NORTH HIGH SCHOOL

**ACADEMIC
PROGRAM GUIDE
2025-2026**



**990 KUHN ROAD
CAROL STREAM
ILLINOIS 60188**

Academic Program Guidebook

Glenbard Township High School District 87
2025-26

The purpose of this Academic Program Guidebook is to provide students and parents/guardians with information concerning the comprehensive educational programs that are available in Glenbard Township School District 87. This guide contains specific course descriptions, high school graduation requirements and descriptions of specific programs. Selecting the right courses not only prepares students for life after high school, but also creates opportunities for students to challenge their academic abilities. Students should consider their interests, talents, and future career goals when selecting courses. Any questions about courses, requirements, or career interests, should be directed to the school counselor.



GLENBARD **PROFILE OF A** **GRADUATE**

We inspire and empower
each student to become a
critical thinker who
engages as a global citizen.



Glenbard District 87 Equal Educational Opportunities

Equal educational and extracurricular opportunities shall be available for all students without regard to color, race, nationality, religion, sex, sexual orientation, ancestry, age, physical or mental disability, gender identity, status of being homeless, immigration status, order of protection status, actual or potential marital or parental status including pregnancy, and any other category protected by law in Illinois public high schools and/or by Board of Education policy.

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Graduation Requirements

A student must successfully complete the following Illinois and Glenbard District 87 required courses of study and earn twenty-three (23) credits in order to graduate. The recommended course of study for college-bound students is minimally considered to be 4 years of English, 4 years of math, 3 years of science, 3 years of social studies and 2 years of a world language.

Graduation Requirements	Credits
Applied Art (1 semester): These studies include courses in the Family and Consumer Sciences, Technology and Engineering, or Business and Computer Science. Coursework at Technology Center of DuPage may also be used. Courses taken to meet the Consumer Education requirement do not also fulfill the Applied Arts requirement.	0.5
Consumer Education (1 semester): Courses that meet the Consumer Education requirement include Consumer Management, Economics, or AP Macroeconomics. Courses taken to meet the Consumer Education requirement cannot be used to also fulfill Applied Arts or Social Studies requirements.	0.5
Cultural Art (1 semester): These studies include courses in Art, Music, Speech Arts or World Language. The course used to satisfy the Cultural Education requirement may not also be used to satisfy the Speech requirement.	0.5
English (7 semesters): Students will follow the traditional course sequence of English through the first three years of high school and may pick from an array of electives for their senior year.	3.5
Mathematics (6 semesters): Two semesters of Algebra and a course containing Geometry are specifically required. Students that successfully complete Algebra and/or Geometry in middle school are exempt from enrolling in these courses in high school, but they must still complete six additional semesters of math coursework during their high school years.	3
Physical Education (6 semesters): Students are required to successfully complete a physical education course within the Glenbard school district during each semester they are enrolled in a Glenbard high school with the exception of the semesters in which they are enrolled in Health or Driver's Education at a Glenbard high school.	3
Health (1 semester)	0.5
Drivers Education (1 semester) State Law requires that a student must have passed eight semester courses during the two semesters immediately preceding enrollment in Driver Education. Students that elect to enroll in a Driver's Education program through a private organization will still be required to enroll in a physical education course during their school day and submit proof of successful completion of the drivers education course upon the conclusion of that course.	0.5
Science (6 semesters): Glenbard strongly recommends a science sequence that includes two semesters of each of the following: Biology, Chemistry and Physics.	3
Social Studies (6 semesters): Students must include 2 semesters in US History and 1 semester of Civics (US Government & Politics or AP US Government & Politics) with remaining semesters as Social Studies electives.	3
Speech (1 semester): Students may choose either Speech, Dual Credit Speech, Debate 1, Acting, Acting and Directing, or Theatre courses to fulfill the Speech requirement.	0.5
Additional Credits Needed for Graduation (from any of the above areas)	4.5
Total Credits Required for Graduation	23.0

Additional Graduation Requirements

Students are required to pass an examination on the United States Constitution, State of Illinois Constitution, the Flag Code, and the Declaration of Independence. This is broken up into smaller assessments administered throughout the U.S. Government course to provide a more sustained focus on constitutional principles and foundations. Students will meet this requirement by passing the U.S. Government & Politics or AP U.S. Government & Politics course.

Illinois State School Code requires that all students take the School Day ACT.

Illinois State School Code requires that all students complete the Free Application for Federal Student Aid (FAFSA) or, if applicable, the Alternative Application for Financial Aid, or complete the ISBE FAFSA Nonparticipation Form.

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Four-Year Planning Tools

This Minimum Graduation Requirement 4-Year Planning Tool is also available via [PDF](#) and [Google Sheets](#) so students can create their own personalized planning guide.

Minimum Graduation Requirements: 4-Year Planning Tool

(23 Credits Required for Graduation; each semester course is .5 credits)

	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR		One Semester Graduation Requirements to Take in Any Semester
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
English	English 1 or English 1H or Extended English	English 1 or English 1H or Extended English	English 2 or English 2H or AP Seminar: English (South)	English 2 or English 2H or AP Seminar: English (South)	English 3 or AP Eng. Lang.	English 3 or AP Eng. Lang.	English Elective or Dual Credit English Course	Elective	Speech Arts: Select from: Speech (also available in Summer), Dual Credit Speech, Theatre, Acting, or Debate 1
PE/Health/Drivers Ed	PE	Health	PE	Drivers Ed or PE	PE	PE	PE	PE	
Social Studies	World History or World History H	World History or World History H	AP Euro History or AP Human Geo or US Gov. or Social Studies Electives	AP Euro History or AP Human Geo or US Gov. or Social Studies Electives	US History or AP US History	US History or AP US History	Elective	Elective	Consumer Education: Select from: Consumer Management (also available in Summer), Economics or AP Macroeconomics
Math (Follow your recommended sequence)	Math	Math	Math	Math	Math or Math AP Course	Math or Math AP Course	Elective	Elective	
Science	Biology or Biology H	Biology or Biology H	Chemistry or Chemistry H	Chemistry or Chemistry H	Physics or Physics H or AP/Dual Credit Science elective	Physics or Physics H or AP/Dual Credit Science elective	Elective	Elective	Applied Arts: Family and Consumer Science, Business, Tech & Engineering (available in Summer) or TCD course
Electives or 1-Semester Requirements	Elective or 1-Semester Requirement	Elective or 1-Semester Requirement	Elective or 1-Semester Requirement	Elective or 1-Semester Requirement	Elective or 1-Semester Requirement	Elective or 1-Semester Requirement			
Electives or Study Hall	Elective or Study Hall	Elective or Study Hall	Elective or Study Hall	Elective or Study Hall	Elective or Study Hall	Elective or Study Hall	Elective or Study Hall	Elective or Study Hall	Cultural Education: Take an Art, Music, Speech Art, or World Language course
LUNCH (No Credit)	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
Total Credits:									Civics: U.S. Gov. (Often taken sophomore year, can be taken Jr/Sr year) or AP Gov.

This College-Bound Recommendations 4-Year Planning Tool is also available via [PDF](#) and [Google Sheets](#) so students can create their own personalized planning guide.

College-Bound Recommendations: 4-Year Planning Tool

(23 Credits Required for Graduation; each semester course is .5 credits)

	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR		One Semester Graduation Requirements to Take in Any Semester
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
English	English 1 or English 1H or Extended English	English 1 or English 1H or Extended English	English 2 or English 2H or AP Seminar: English (South)	English 2 or English 2H or AP Seminar: English (South)	English 3 or AP Eng. Lang.	English 3 or AP Eng. Lang.	English Elective or AP/Dual Credit English Courses	English Elective or AP/Dual Credit English Courses	Speech Arts: Select from: Speech (also available in Summer), Dual Credit Speech, Theatre, Acting, or Debate 1
PE/Health/Drivers Ed	PE	Health	PE	Drivers Ed or PE	PE	PE	PE	PE	
Social Studies	World History or World History H	World History or World History H	AP Euro History or AP Human Geo or US Gov. or Social Studies Electives	AP Euro History or AP Human Geo or US Gov. or Social Studies Electives	US History or AP US History	US History or AP US History	Social Studies Elective or AP Social Studies Course	Social Studies Elective or AP Social Studies Course	Consumer Education: Select from: Consumer Management (also available in Summer), Economics or AP Macroeconomics
Math (Follow your recommended sequence)	Math	Math	Math	Math	Math or Math AP Course	Math or Math AP Course	Math or AP/Dual Credit Math Course	Math or AP/Dual Credit Math Course	
Science	Biology or Biology H	Biology or Biology H	Chemistry or Chemistry H	Chemistry or Chemistry H	Physics or Physics H or AP/Dual Credit Science elective	Physics or Physics H or AP/Dual Credit Science elective	Science Elective or AP/Dual Credit Science Course	Science Elective or AP/Dual Credit Science Course	Applied Arts: Family and Consumer Science, Business, Tech & Engineering (available in Summer) or TCD course
Electives or 1-Semester Requirements or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	Elective, 1-Semester Requirement or Study Hall	
World Languages	World Lang. Elective	World Lang. Elective	World Lang. Elective	World Lang. Elective	Elective or AP Course	Elective or AP Course	Elective or AP Course	Elective or AP Course	Cultural Education: Requirement fulfilled by World Language in this planning tool. Or, take an Art, Music, or Speech Art course
LUNCH (No Credit)	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
ZERO HOUR (Optional)			PE available Zero Hour or Online	PE available Zero Hour or Online	PE available Zero Hour or Online	PE available Zero Hour or Online	PE available Zero Hour or Online	PE available Zero Hour or Online	Civics: U.S. Gov. (Often taken sophomore year, can be taken Jr/Sr year) or AP Gov.
SUMMER (Optional)									
Total Credits:									

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Academic Program Information

Academic Standing and Promotion

Students at Glenbard are classified as freshmen, sophomores, juniors, and seniors. Promotion means graduation from high school after meeting all graduation requirements established by the Board in its policy on graduation which is based on successful completion of the designated requirements and appropriate attendance. Glenbard students shall not be promoted from high school based on age or any other social reason. Glenbard students will be promoted through credits earned toward graduation. Glenbard students will be classified as freshmen (Grade 9) if they have earned 0-5.5 credits, sophomores (Grade 10) if they have earned 6-11 credits, juniors (Grade 11) if they have earned 11.5-17 credits and seniors (Grade 12) if they have earned 17.5 credits or more.

Course Recommendations for Incoming Freshmen

Incoming freshmen are recommended in courses through a collaborative process that involves the student/parent/guardian, the 8th grade teachers, and Department Chairs from Glenbard. Glenbard recommends students for courses based on their standardized test scores, input from 8th grade teachers, and in alignment with the Illinois Accelerated Placement Act. Students/parents/guardians can choose to waive the recommendation and enroll in a different course that better aligns with their postsecondary plan, provided they have completed all prerequisite coursework.

Course Recommendations for Rising Sophomores, Juniors and Seniors

Each winter, teachers at Glenbard 87 recommend students for the courses in their curricular area for the subsequent year. In addition, students are automatically enrolled into core coursework in alignment with the Illinois Accelerated Placement Act. Students/parents/guardians can choose to waive the teacher recommendation and enroll in a different course that better aligns with their postsecondary plan, provided they have completed all prerequisite coursework. These decisions should be made after discussions with the student's teacher, parent/guardian and school counselor.

Honors Courses

Honors courses are intended to give students the opportunity to challenge themselves in an area for which they have a passion to learn. Such courses are enriched with skill expectations beyond those in the regular level course. Students who earn a "A," "B," "C" or "D" in these classes earn weighted grades which are used in computing grade point averages and academic honors.

Advanced Placement Courses

An Advanced Placement course is approved by the College Board Advanced Placement Division. These courses are designated (AP) in this guidebook. Students have the opportunity to take Advanced Placement exams and are encouraged to do so. Success on these examinations may qualify students for advanced placement and/or credit from their colleges or universities. Students who earn an "A," "B," "C," or "D" in these classes earn weighted grades which are used in computing grade point averages and academic honors. Students should visit <https://apstudents.collegeboard.org/getting-credit-placement/search-policies> or their college/university website to determine how college credit is awarded to AP courses.

Advanced Placement Capstone

AP Capstone is a diploma program from the College Board, based on two year-long AP courses: AP Seminar and AP Research. These courses are offered in the Science, English and Social Studies departments. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™.

Dual Credit Courses

Dual Credit courses are offered in collaboration with the College of DuPage, University of Illinois Urbana-Champaign, and other select institutions. Students who participate in a Dual Credit course will receive a grade on both their high

school and college transcript. These courses are taught by high school instructors who are qualified and approved by the college. The curriculum, syllabi, and textbooks also align with the college guidelines.

Courses with credit that are designated as a part of the Illinois Articulation Initiative (IAI) are transferable for college credit to more than 100 participating colleges and universities in Illinois. Students who earn a “A,” “B,” “C” or “D” in these classes earn weighted grades which are used in computing grade point averages and academic honors. Students should visit www.transferology.com to determine how Dual Credit courses transfer to colleges and universities.

Healthcare Dual Enrollment Courses with the College of DuPage

This program is designed for 12th grade students who are interested in pursuing the healthcare industry at the College of DuPage. Students will take these courses at the College of DuPage campus and earn college credit only, and will not receive high school credit. The cost of the program and all fees are covered by Glenbard District 87. All students in this program will take SURGT 1000 first semester, and students will take HLTHS 1110 or CSPD1111 second semester. To learn more and find out if this program is right for you, please contact your school counselor. For more information on these programs, go to [COD Health and Career Program website](#).

Semester One	SURGT 1000 Ethics in Health Care (3 Credits) Tuesday 6:30pm-8:30pm August 29th-December 13th	
Semester Two	HLTHS 1110 Biomedical Terminology (3 Credits) Wednesdays, 6:30pm-8:30pm January 27th-May 23rd	CSPD 1111 Central Sterile Proc & Distrib (3 Credits) Tuesdays, 6:30pm-8:30pm January 27th-May 23rd

SURGT 1000 Ethics in Health Care (3 COD Credits)

Students will be introduced to ethical behavior and professional practice expected in healthcare. Topics will include communication, teamwork, conflict resolution, all-hazard preparation, needs of the patient, death, and dying.

Prerequisite: six semesters of high school English

CSPD 1111 Central Sterile Processing & Distribution (3 COD Credits)

Students will be introduced to the fundamentals of central sterile processing, supplies, services, distribution of instrumentation, and equipment. Upon successful completion students will be eligible to take the International Association of Healthcare Central Service Material Management (IAHCSCMM) Provisional Examination as well as the Certification Board of Sterile Processing and Distribution (CBSPD) Sterile Processing and Distribution Technician Certification Examination.

Prerequisite: six semesters of high school English

HLTHS 1110 Biomedical Terminology (3 COD Credits)

Students will be introduced to medical terms for body systems including word roots, prefixes, suffixes and abbreviations commonly encountered in the healthcare field. This course fulfills a requirement at the College of DuPage for the following programs: Eye Care Assistant, Health Information Technology, Medical Assistant, EKG, Phlebotomy, Sonography, and Surgical Technology.

Prerequisite: A score of 20 or higher on the ELA portion of the ACT, or an ACT composite score of 20 or higher, or an English subscore of 18 or higher, or five semesters of a 2.6/4.0 unweighted GPA or higher.

Independent Study

Opportunity for Independent Study may be available to those students who have demonstrated substantial motivation and maturity and are regularly enrolled in District 87 junior or senior year programs of study. Students who have completed all preliminary/prerequisite course work in a given field of study and wish to pursue advanced work not

available through regular course offerings with particular departments may request approval for an independent course of study.

Students who are experiencing an undue hardship in scheduling a required course for graduation may also submit a request for Independent Study. No more than 2 credits of Independent Study may apply toward graduation. (6:310-AP5)

State Seal of Biliteracy

Glenbard District 87 is proud to offer the [Illinois State Seal of Biliteracy](#), which aims to promote mastery in two or more languages. The state of Illinois was among the first in the country to allow school districts to award a State Seal of Biliteracy for students who demonstrate a high level of proficiency in one or more languages, in addition to English. If a student earns the seal, it is placed on a student's academic transcript and diploma.

Glenbard District 87 is excited to offer this opportunity to our students. We believe that it will inspire students to pursue biliteracy, recognize students who excel in language skills, and provide evidence of these achievements to future employers and college admissions offices. By law, Illinois public universities must grant college credit for students who have earned the Seal of Biliteracy.

School districts will use the language proficiency standards established by the American Council on the Teaching of Foreign Languages (ACTFL) to qualify for the State Seal of Biliteracy program. Glenbard High School students enrolled in a second semester world language course have the opportunity to earn the Seal by demonstrating proficiency in English and one or more of the following languages: Spanish, French, German, Mandarin (Chinese) and Italian.

The Seal of Biliteracy is awarded to students whose proficiency level is equivalent to the Intermediate High scale set by the American Council on the Teaching of Foreign Languages.

To qualify for the Seal of Biliteracy, students must:

Earn a minimum score of 480 on the Evidenced-Based Reading and Writing section of the SAT or a minimum score of 18 on the English section and composite score of a 21 on the ACT
AND

Earn a minimum overall score of 5.0 with minimum subtest scores in reading and writing of 4.2 on the ACCESS for English Language Learners

OR

Earn a 4 or 5 in the Advanced Placement language exam

OR

Earn a minimum score of intermediate high on the approved proficiency assessment (AAPPL or STAMP)

For further information regarding the Illinois Seal of Biliteracy, contact Dr. Rebecca Sulaver, Assistant Director of Teaching and Learning, at rebecca_sulaver@glenbard.org.

English Learners

The English Learner program is designed to provide advocacy and support to students and parents through the promotion of equitable access to language support services for students from culturally and linguistically diverse backgrounds who have been identified as English Learners.

Special Education

The Special Education Department offers a broad spectrum of support and services for students with identified disabilities who qualify for services under the guidelines of IDEA. The appropriate supports and services are outlined in a student's Individualized Education Plan (IEP). Placement in Special Education courses is only made through the recommendation of the IEP team.

Courses Offered in Other Glenbard Schools

Courses offered in the other three Glenbard high Schools are available to Glenbard students upon request. Information about these courses and arrangements for scheduling are provided by the School Counseling Department.

Directions

A limited number of junior and senior students who have made some progress toward their diploma but remain at risk for not graduating may participate in the Directions program. Students enrolled in the Directions program engage in one of the many TCD vocational programs available for half of their school day and they remain in Directions program for enrollment in their other core courses. Core coursework taught through the Directions program is delivered through smaller classes and computer-based programs. The Directions program aims to positively impact attendance, decision-making and academic achievement of the students enrolled. The program's mission is to work with students as they learn to make positive educational decisions and personal choices while completing the final requirements for their diplomas. Daily transportation to the TCD campus for Directions is available through busing from each Glenbard school, and students enrolled in the Directions program are afforded the full rights of any Glenbard student including full participation in social and extracurricular activities.

Non-District Course Credits

According to Board of Education policy 6:310 students may earn up to four units of credit from any combination of correspondence or Internet courses, high school courses offered by other institutions, foreign language courses or college courses. For information on this policy, please reference school board policy 6:310 at www.glenbard87.org.

Summer School

Summer school is an extension of the district's regular academic program designed to provide students with opportunities to gain academic credits, pursue enrichment or remediation of skills, bridge their skills into high school or to the next advanced level of coursework and explore new interests. Course options include options for English Learners and Special Education, as well as a comprehensive Extended School Year Program. Incoming freshmen are encouraged to attend summer school to facilitate the adjustment and transition to high school. Any students who failed previous high school coursework are also expected to make up that credit deficiency during summer school. Students who have a multitude of academic interests that reach beyond the limit of the standard school day can benefit by extending their school year into the summer months in order to excel their progress in a specific academic area. Please visit the Glenbard summer school registration webpage at sr.glenbard.org for more information on summer school enrollment options.

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Enrollment Information

Selection of Courses

Freshmen through Junior students will select their courses for the following school year online through their PowerSchool accounts. The use of an online enrollment process is intended to provide parents an opportunity to be more involved in the course selection process and better prepare students for engaging in a similar process during their college years. Students will receive instructions on how to complete the online enrollment process. For any questions regarding a particular course option in a particular department, parents should contact their student's teacher or the department chair that manages that course for additional information. For questions regarding your student's progress toward graduation, parents should contact their student's assigned counselor. For any questions regarding the enrollment process, please contact the Counseling Department Chair.

Afterward, students will continue to be able to view their choices in their PowerSchool accounts, but any changes will need to be requested through their school counselor. Counselors will meet with all students individually between late January and early February to ensure that student selections address remaining graduation requirements.

Incoming freshman students will receive course recommendations and a scheduled appointment time with a counselor in the winter. Parents/guardians must attend the meeting with their students to finalize their core and elective course options for the following school year.

Schedule Changes

Course placement is a result of student choices, postsecondary plans, parental input, teacher recommendation and department chair, postsecondary planning with the school counselor and course availability. Each building has a schedule change form located on their school website, which students may use to request a schedule change. Students may also make a schedule change request by an email to, or in-person discussion with, their counselor.

In the situation when a counselor determines a Department Chair needs to approve a schedule change, the counselor will collaborate with the Department Chair. After a student requests a schedule change and it is reviewed, an approval or denial with an explanation will be provided to the student and parent or guardian.

A. Until the start of the new school year, a student may request a course change, including a course drop. Course change requests are subject to approval by the Assistant Principal for Instruction after taking into consideration:

- Course availability.
- Alignment with the postsecondary plans of the student.
- The recommendation of the school counselor and input, through the school counselor, from the student and the student's parent or guardian.
- High school graduation requirements. Students with less than 300 minutes of daily instruction may also be added to a course or study hall on a space available basis, with the approval of the Assistant Principal for Instruction. Students requesting a schedule change to have a study hall will have the same considerations as above.

B. After the start of school for the new school year, course changes, including course drops and second semester course changes, will be made using the same considerations as listed above, in addition to the following circumstances, subject to approval by the Principal or Assistant Principal for Instruction:

- Error in Registration/Placement.
- Lack of prerequisite skills.
- The recommendation of the school counselor and input, through the school counselor, from the student and the student's parent or guardian, teacher and subject area department chair. The Assistant Principal for Instruction may also participate, in which case approval of the change must be by the Principal.
- Intervention by and recommendation from a Problem-Solving Team based on hindered performance due to extenuating and unforeseen circumstances, such as social/emotional issues. The Team will incorporate the student, parent or guardian, the dean, the school psychologist, the school social worker, school counselor, and/or Assistant Principal for Student Services, as determined by the Principal or Assistant Principal for Instruction.
- Disciplinary or truancy reasons as recommended by the Assistant Principal for Student Services.

Transfer Students

Parents/guardians of transfer students should contact the School Counseling Office for an appointment with a counselor. The School Counseling office will evaluate the transcript from the previous school and specify what is needed for the student to meet the Glenbard graduation requirements. Academic and health records should be transferred as quickly as possible so that students will be properly placed in classes. Parents/guardians must establish residency prior to scheduling an appointment with a school counselor.

SchoolLinks

SchoolLinks is a modern, college and career readiness platform to prepare students for what comes after graduation. SchoolLinks helps students discover their interests and strengths, explore colleges and careers, and create a personal graduation plan that best reflects their post-secondary goals. SchoolLinks is accessible in 9th-12th grades by students and their parents.

All of the SchoolLinks features are designed with students in mind to help them become career, college, and life ready. SchoolLinks features are incredibly user-friendly and content can be easily comprehended by high school students.

Using SchoolLinks, high school students and parents can:

- Access career interest, strength and mindset surveys
- Explore 2-year and 4-year colleges
- Take virtual reality college campus tours
- Search for scholarships
- Learn about financial aid
- Explore traditional, emerging and military career fields
- Create digital portfolios / resumes
- Communicate with counselors

Using SchoolLinks, 12th graders will be able to:

- Track college applications and request transcripts
- Request Letters of Recommendation

College and Career Planning

The School Counseling Department assists all students in preparing for and pursuing postsecondary plans that match their interests and abilities. Colleges and other postsecondary opportunities vary greatly in their admission requirements, and the school counselors are continually pursuing opportunities to maintain pace with the ever-changing landscape of the postsecondary planning process. While the Glenbard District 87 curriculum is designed to provide all students with the skills to prepare them for postsecondary opportunities upon graduation, there are often additional requirements for admissions that go beyond the Glenbard graduation requirements.

Students who want to increase their potential for being admitted to the schools of their choice and/or are planning to apply to highly selective colleges and universities should consider maximizing their enrollment in Honors, Advanced Placement, and Dual Credit coursework.

NCAA Division I and Division II Eligibility

Students wishing to be Division I or Division II athletes should contact their counselors for information on scholarship processes and recruitment regulations. Forms and information on National Collegiate Athletic Association (NCAA) and the NCAA Eligibility Center can be found at <https://www.ncaa.org/student-athletes/future> and, www.eligibilitycenter.org.

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Course Descriptions

Art Course Descriptions

Art Recommended Course Sequence

	2D Design	3D Design
Entry Level Courses	Intro to Art Comic Arts Drawing 1 Painting 1 Photography 1 Digital Photography Graphic Design 1 Digital Art & Animation	Intro to Art Sculpture Ceramics 1
Intermediate	Drawing 2	Ceramics 2

Courses	Painting 2 Graphic Design 2 Photography 2	
Capstone Courses	AP Drawing AP 2D Art and Design	AP 3D Art and Design

CERAMICS 1

AR2113, 1 Semester, 1/2 Credit

Relax and express yourself in clay while making functional pottery and sculptural artwork using ceramic construction processes: pinch, coil, and slab. The course introduces a variety of decorative techniques, clay and glaze materials, firing processes, and history of ceramics. You're exposed to historic and contemporary ceramics and are encouraged to create artwork that utilizes these elements.

CERAMICS 2

AR3113, 1 Semester, 1/2 Credit

This class is for students who want to build on their knowledge of materials and techniques acquired in Ceramics 1. Advanced hand building, potter's wheel, and sculptural techniques are explored. Projects encourage you to broaden your skills and gain a more thorough understanding of form and content while developing a body of personal artwork. This course is repeatable for credit.

Prerequisite: Successful completion of Ceramics 1.

COMIC ARTS

AR2813, 1 Semester, 1/2 Credit

Is your imagination always running wild? Comic Arts class is a drawing class where you learn about materials and techniques used to create your own styles. In this class you'll study cartooning, anatomy, proportion, composition, and perspective. You'll also learn how to tell stories using images. This course is repeatable for credit.

DIGITAL ART & ANIMATION

AR2913, 1 Semester, 1/2 Credit

You're Invited to create fun and exciting computer work and animation using a variety of software programs, which may include Adobe Creative Cloud Software, as well as iPad apps. You'll learn how to add movement to still images. Working in our Mac lab and drawing studio makes this a great choice for independent and creative study. This course is repeatable for credit.

DIGITAL PHOTOGRAPHY

AR4113, 1 Semester, 1/2 Credit

Enhance creative thinking skills by taking this color photography class. The fundamentals of digital cameras and imagery are presented and practiced. Strong concept development is used to help you acquire fresh and creative approaches to photography. This course is repeatable for credit. The Photo 1 class or the Digital Art & Animation class are recommended before taking this class, but not required.

DRAWING 1

AR2313, 1 Semester, 1/2 Credit

Get ready to take your drawing abilities to a whole new level. It doesn't matter whether you're experienced or not, you'll create some amazing drawings. This course is designed not only to introduce you to a variety of processes, approaches, and media, but also to investigate perception and what is involved in "seeing" like an artist. Drawing mediums that may be explored are graphite pencils, colored pencil, ink, and markers.

DRAWING 2

AR3313, 1 Semester, 1/2 Credit

This course is a continuation of Drawing 1 where you take more responsibility in developing both the inspiration and the solutions for assignments. You'll have opportunities to explore and improve various drawing mediums and subject matter. Some of the materials and processes may include, pastels, charcoal, printmaking, and mixed media. This course is repeatable for credit.

Prerequisite: Successful completion of Drawing 1.

GRAPHIC DESIGN 1

AR2213, 1 Semester, 1/2 Credit

Using basic design principles and the elements of the visual arts, you'll solve problems involved in communicating visually. Designs may be created for posters, letterheads, publication layouts, illustrations, package designs, and logos. Use of text (typography) and drawing are an integral part of the work. You'll use a variety of media and techniques as you experience practical use of the computer as a design tool.

GRAPHIC DESIGN 2

AR2213, 1 Semester, 1/2 Credit

This course is a continuation of Graphic Design 1, where you'll work in advanced problem solving with emphasis on the composition and design process. You'll learn to prepare finished artwork for publication, as well as the historical aspects of advertising art and the basics of computer graphics. This course is repeatable for credit.

Prerequisite: Successful completion of Graphic Design 1

INTRODUCTION TO ART

AR1013, 1 Semester, 1/2 Credit

If you have an interest in art, but may be unsure of a specific medium in which you wish to focus, this course is for you. You'll have an opportunity to explore a wide variety of media, in effect sampling each process and material that might be explored at greater length in a semester-long course. Areas of focus may include: sketching and drawing techniques, painting, ceramics and sculpture, graphic design, and photography. Visual processing, elements and principles of art, creativity, and the many ways art informs and affects our experiences may also be explored.

PAINTING 1

AR2513, 1 Semester, 1/2 Credit

In this course, you'll acquire technical understandings of color theory, various painting techniques and processes as well as historical and contemporary perspectives of painting. During the semester, you may have the opportunity to work with watercolors, tempera, and acrylic paints in combination with other media and materials. You'll be encouraged to try various approaches to painting and creative image-making.

PAINTING 2

AR2613, 1 Semester, 1/2 Credit

In this course, you'll continue to pursue in-depth studies of previously learned techniques in Painting 1. You'll complete projects which develop your skills and challenge you to find creative solutions. During the semester, you may have the opportunity to work with oils, acrylic, gouache, tempera, and watercolors. This course is repeatable for credit.

Prerequisite: Successful completion of Painting 1.

PHOTOGRAPHY 1

AR2613, 1 Semester, 1/2 Credit

You'll learn how to make classic black and white photographs in true old school style in this interesting class. You'll learn to shoot film with 35mm cameras, develop your own film, and then print personal work in the school darkroom. You will learn to take better pictures with any camera. No film camera? No problem, since we supply the 35mm cameras - and all your film and photo paper too.

PHOTOGRAPHY 2

AR3613, 1 Semester, 1/2 Credit

Students will continue their photographic studies while they explore a variety of films, papers, processes, and cameras. Students will focus on exploration and creativity in this advanced photography class. No camera? We supply all cameras - and all your supplies too. Advanced digital editing techniques and software, such as Adobe Photoshop or Lightroom, may also be used. This course is repeatable for credit.

Prerequisite: Successful completion of Photography 1.

SCULPTURE

AR3413, 1 Semester, 1/2 Credit

You'll learn about sculpture as an art form. While producing your own three-dimensional forms in a variety of materials, you'll learn the traditional methods of sculpture as well as innovative techniques. This course is repeatable for credit.

AP 2-D ART AND DESIGN

AR5231(2), 1Year, 1 Credit

Throughout the school year, you will produce pieces of art that address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in your work. For this portfolio, you can use any 2-D medium or process, such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. There is no "traditional" AP test in this class. This class is for the serious art student ready for the fast pace; expect to set aside time outside of class to produce quality

work. At the end of the year, you will submit your portfolio of artwork to the AP College Board where it will be scored and you may be able to earn early college credit. This course is repeatable for credit.

Prerequisite: Approval of any Glenbard art teacher and submission of an art portfolio.

AP 3-D ART AND DESIGN

AR5131(2), 1Year, 1 Credit

Throughout the school year, you'll produce pieces of art that address three-dimensional (3-D) design issues. At the core of the 3-D art creation will be visual thinking, problem solving, risk taking, creativity, personal expression and critical analysis. There is no "traditional" AP test in this class. This class is for the serious art student ready for the fast pace; expect to set aside time outside of class to produce quality work. At the end of the year, you will submit your portfolio of artwork to the AP College Board where it will be scored and you may be able to earn early college credit. This course is repeatable for credit.

Prerequisite: Approval of any Glenbard art teacher and submission of an art portfolio.

AP DRAWING

AR5031(2), 1Year, 1 Credit

Throughout the school year, you will produce pieces of art that address drawing issues: line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth, and mark-making. These issues can be addressed through a variety of media: painting, printmaking, mixed media, graphite, charcoal, etc. There is no "traditional" AP test in this class. This class is for the serious art student ready for the fast pace; expect to set aside time outside of class to produce quality work. At the end of the year, you will submit your portfolio of artwork to the AP College Board where it will be scored and you may be able to earn early college credit. This course is repeatable for credit.

Prerequisite: Approval of any Glenbard art teacher and submission of an art portfolio.

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Business and Computer Science Course Descriptions

Business and Computer Science Recommended Course Sequence

	Business	Computer Science
Entry Level Courses	Consumer Management Intro to Business	Computer Science Discoveries 1
Intermediate Courses	Accounting 1 Accounting 2 Business Ownership Marketing: Sports and Entertainment Business Law	AP Computer Science Principles Computer Science Discoveries 2
Capstone Courses	Dual Credit Entrepreneurship 1161	AP Computer Science A

ACCOUNTING 1

BU2311(2), 1 Semester, 1/2 Credit

Are you considering a college major in business? This is a valuable course for any student considering a business degree. Students will learn how a business records and analyzes financial information. Students will perform all parts of the accounting cycle, from recording daily transactions in a journal to preparing financial statements for management and investors. Accounting 1 will focus on the accounting transactions for a sole proprietorship. The Intro to Business class is recommended before taking this class, but not required.

ACCOUNTING 2

BU2312(2), 1 Semester, 1/2 Credit

This course is a continuation of the principles learned in Accounting 1. Students will focus on the accounting concepts related to a corporation. There will be an emphasis on the completion of the payroll cycle. This course will provide a great foundation for a student pursuing a career in the business world.

Prerequisite: Accounting 1

AP COMPUTER SCIENCE A

BU5131(2), 1 Year, 1 Credit

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Instruction includes preparation for the Advanced Placement Computer Science exam in May. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. Students leave the class with a clear understanding of the Java programming language and the ability to adapt to any new programming language taught in college. This course counts as a math credit.

Prerequisite: Successful completion of Algebra 1 or higher.

AP COMPUTER SCIENCE PRINCIPLES

BU5231(2), 1 Year, 1 Credit

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact our everyday world. The goal of this course is to create leaders in computer science fields and attract and engage those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities. This course prepares students for the Advanced Placement Computer Science Principles exam. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

COMPUTER SCIENCE DISCOVERIES 1

BU2113, 1 Semester, 1/2 Credit

This introduction to computer science course takes a wide lens approach to learning multiple aspects of computer science. In this choose your own adventure course students will pick from a variety of modules as they learn to navigate the world of coding and design. Modules include HTML/CSS, Alice, Scratch, JavaScript, Game Design, Python, Cyber Security, Data Science, 3D Models, Coding Circuits, and more. Students can take this class multiple times within their 4 years choosing their own curriculum each time.

COMPUTER SCIENCE DISCOVERIES 2

BU2512, 1 Semester, 1/2 Credit

The second course in the introduction to computer science course sequence allows students to build on their knowledge gained from Computer Science Discoveries 1. Students will again choose their own path in learning through multiple modules as they learn to navigate the world of coding and design. Modules include HTML/CSS, Alice, Scratch, JavaScript, Game Design, Python, Cyber Security, Data Science, 3D Models, Coding Circuits, and more. Students can take this class multiple times within their 4 years, choosing a different curriculum each time.

Prerequisite: Computer Science Discoveries 1

CONSUMER MANAGEMENT

FC3813, 1 Semester, 1/2 Credit

This course will focus on concepts related to personal finance that will benefit students currently and as they transition to life beyond high school. The course is designed to provide students with knowledge related to taxes, budgeting, banking, credit, investing, and insurance. This course satisfies the consumer education requirement for graduation.

DUAL CREDIT ENTREPRENEURSHIP 1161

BU4921(2), 1 Year, 1 Credit

Become a true entrepreneur and develop your own product or service in this exciting project-based class! Explore the entrepreneurial approach with others as it relates to careers, business, social responsibility, and startup growth. Students will analyze gaps and opportunities in the marketplace and identify the feasibility of a business by working with established entrepreneurs and business experts who serve as mentors throughout the entrepreneurial journey. Marketing, sales, ideation, failures, experimentation, investing, finances, critical thinking and growth mindset, will all be common themes, as well as exploring various business and career models. Students will pitch their business ideas to real investors, compete to win start up money, and learn by DOING. This is a dual credit course through the College of DuPage. It is offered at no cost and is transferable to many colleges and universities through a COD transcript.

INTRODUCTION TO BUSINESS

BU3613, 1 Semester, 1/2 Credit

Introduction to Business explores the role and purpose of business in our economic system with emphasis on what you should know to function effectively as a consumer and a worker in a free-enterprise economy. Some topics that would be discussed: the 4 P's of the marketing mix, understanding financial statements and how they impact a business, an understanding on the types of business ownerships, and an emphasis on how businesses must understand the differences when operating outside of the U.S. The overall goal of this course is to give students a general overview of business, and provide students the opportunity to explore topics related to the business world.

TECHNOLOGY ESSENTIALS

BU1013, 1 Semester, 1/2 Credit

In this course, students will develop and enhance vital computer skills for use in high school, college, the workplace, and in life. Students will become proficient in researching, solving problems, communicating, producing documents and keyboarding. Microsoft Office software including Word, Excel, and PowerPoint will be used along with Google Docs, Sheets and Slides. Formatting documents properly along with using the appropriate software program to accomplish a variety of tasks will be the focus. Students will enhance their keyboarding skills while learning the essentials of using a computer in high school, college and beyond. Technology Essentials is a highly recommended course to have early in a student's high school career

BUSINESS LAW

BU4113 1 Semester, 1/2 Credit

This course is designed to provide the student with a basic understanding of the US legal system, with a specific focus on areas of law relating to business. Students examine the basic principles of law, which affect personal and business transactions. Students participate in several case studies. The Intro to Business class is recommended before taking this class, but not required.

MARKETING: SPORTS AND ENTERTAINMENT

BU2312(2), 1 Semester, 1/2 Credit

This course is designed to introduce the student to the role of marketing in the sports and entertainment industry. There will be an emphasis on employing basic marketing concepts and strategies as they apply to these two specific areas of study. Particular attention will be focused on the marketing of products and services through sports, TV, movies, and music. Other areas that will be covered include: careers in sports marketing, music, movies, and theater, marketing recreational sports, and legal issues for sports and entertainment. The course will utilize a problem-solving approach through the use of projects and case studies. This is a great course for students interested in a career in business. The Intro to Business class is recommended before taking this class, but not required.

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English Course Descriptions

English Recommended Course Sequence

	Core Courses			Electives
9TH GRADE	Extended English 1	English 1	English 1 Honors	Literacy Strategies (support class) Study Strategies (support class)
10TH GRADE	English 2		English 2 Honors	
11TH GRADE	English 3		AP English Language	Students may take electives in addition to the core course: African American Experiences in Literature (Semester) Creative Writing (Semester) Journalistic Writing 1 (Semester)

<p>12TH GRADE</p>		<p>AP English Literature</p> <p>AP Research</p> <p>Dual Credit English Composition 1101</p> <p>Dual Credit English Composition 1102</p>	<p>African American Exper. in Literature (Semester)</p> <p>Creative Writing (Semester)</p> <p>Journalistic Writing 1 (Semester)</p> <p>Literature and Psychology (Semester)</p> <p>Literature of War (Semester)</p> <p>Modern Literature & Composition (Semester)</p> <p>Senior Composition (Semester)</p> <p>World Literature (Semester)</p>
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LITERACY STRATEGIES

EN1301(2), 1 Year, 1 Elective Credit

This course will develop and strengthen academic reading strategies and skills necessary for success in all content areas. Students will improve in the areas of comprehension, writing development, content area support strategies (i.e. note taking, highlighting, and study strategies), academic vocabulary and fluency. This course is designed for students in need of targeted support to meet grade-level reading demands as measured by standardized test scores. This course is repeatable for credit with building administrator approval.

Prerequisite: Placement is based on standardized test scores and the recommendation of the English Department Chair. Concurrent enrollment in an English class is required.

STUDY STRATEGIES

EN2401(2), 1 Year, 1 Elective Credit

This course will develop and strengthen executive functioning skills necessary in all content areas. Students will improve in the areas of goal setting, cognitive flexibility, organizing, and prioritizing. This course is repeatable for credit with building administrator approval.

Prerequisite: Placement is based on the recommendation of the English Department Chair.

ENGLISH 1

EN1011(2), 1 Year, 1 Credit

English 1 introduces students to the major genres, themes, and approaches that they will encounter throughout their high school career in the English classroom. Activities, assignments, and thematic units will encourage students to make meaningful connections and to extend understanding beyond the text. Through a balance of contemporary and classic works from a multitude of genres, students will improve their writing, reading, speaking, and listening skills.

ENGLISH 1H

EN1021(2), 1 Year, 1 Credit

English 1 Honors is offered to students with strong reading and writing ability and interest in the study of English. This course thematically integrates the study of language, composition and literature in order to develop and enhance critical thinking skills. Course content is enriched, rigorous and rapidly paced, designed to prepare students to take Advanced English Placement courses as juniors and seniors.

Prerequisite: Placement is based on standardized test scores and the recommendation of 8th grade teachers and the English Department Chair.

EXTENDED ENGLISH 1

EN0011(2), 1 Year, 1 Credit

This double period English course is designed-for students who need the most support with literacy skills. Students will be immersed in a standard English program emphasizing vocabulary acquisition, fluency, grammar, writing, and communication skills. Importance is placed on intensive reading strategies in order to accelerate reading growth toward grade level proficiency.

Prerequisite: Placement is based on standardized test scores and the recommendation of 8th grade teachers and the English Department Chair.

CREATIVE WRITING

EN4513(2), 1 Year, 1 Credit

Creative Writing explores the basic elements of fiction writing, including narrative, character, and dialogue, as well as the habits necessary to grow as a writer. Students will read a wide variety of short stories and poetry alongside essays on writing craft in order to develop a language for talking about how fiction works. Frequent writing exercises, often inspired by the readings, will explore genres such as poetry, memoir, as well as generate longer stories and experimental fiction. Students are expected to share their pieces in both small and large groups for potential publication purchases.

Prerequisite for elective credit: One year of high school English.

Prerequisite for English credit: Three years of high school English.

JOURNALISTIC WRITING 1

EN4813, 1 Semester, 1/2 Credit

In this semester course, students will explore the foundational principles of journalism and its crucial role in a functioning democracy. Writing practices such as balanced reporting, evaluating sources, effective research and interviewing techniques will challenge students to develop their skills. Students will explore the evolution of journalism from the inception of television to the 24-hour news cycle of today, our current "fake-news" epidemic, and reporting the age of social media. Specific issues such as ethical decision making and journalistic integrity will be scrutinized through the exploration of current events. This course emphasizes the importance of critical thinking, challenging the status quo, and seeking the truth.

Prerequisite for elective credit: One year of high school English.

Prerequisite for English credit: Three years of high school English.

ENGLISH 2

EN2011(2), 1 Year, 1 Credit

This one-year course in literature explores, compares, and evaluates universal themes of initiation, growing up, and human relationships. Integrated into each unit are vocabulary development, literary analysis techniques, composition and grammar skills, and study of literary forms such as the novel, drama, poetry and the short story. After students explore the literature through discussion group activities and individual study, they evaluate and synthesize various concepts and themes through exams, projects, and formal essays. In addition, students may research related topics and read texts outside of class.

Prerequisite: One year of high school English.

ENGLISH 2H

EN2021(2), 1 Year, 1 Credit

This one-year course is designed for sophomore students with exceptional reading, writing, and speaking skills. Emphasis is placed on analyzing works of literature from various genres with mature understanding, and then justifying opinions about the literature in well-organized argumentative, expository, or narrative essays. Mastery of the fundamentals of thesis formation, organization, development and logic in written composition is stressed. Students also must participate extensively in class discussions and activities.

Prerequisite: One year of high school English.

AP ENGLISH LANGUAGE & COMPOSITION

EN3031(2), 1 Year, 1 Credit

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style. This course prepares students for the Advanced Placement Examination in English Language and Composition. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Two years of high school English.

ENGLISH 3

EN3011(2), 1 Year, 1 Credit

In this thematically organized course, students examine American culture (or complex/thought provoking ideologies) through literature, art, and music. Student engagement drives many of the activities and projects in English 3. Students are continuously challenged by open-ended essential questions that trigger ongoing inquiry and discussion. In this course teachers invite student participation and a constant exchange of ideas through various learning structures.

Prerequisite: Two years of high school English.

AFRICAN AMERICAN EXPERIENCES IN LITERATURE

EN4213, 1 Semester, 1/2 Credit

This study of the African American literary experience will examine how the historical, political, cultural, and societal elements of each time period are reflected through the novels, poetry, and voices of Black scholars throughout history. Through an exposure to authors whose ideas and values reflect diverse backgrounds, students will gain an appreciation in the similarities as well as the differences among all people. This course is designed for anyone with a strong appetite for reading, a dedication to respectful discussion, and desire for personal growth around race and equity in our society.

Prerequisite for elective credit: Two years of high school English.

Prerequisite for English credit: Three years of high school English.

AP ENGLISH LITERATURE & COMPOSITION

EN5031(2), 1 Year, 1 Credit

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. This course prepares students for the Advanced Placement Examination in English Literature and Composition. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Three years of high school English.

AP RESEARCH

EN5131(2), 1 Year, 1 Credit

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. . Successful completion of the two-year program will grant students the opportunity to earn an AP Capstone Certificate or Diploma. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of AP Seminar and three years of high school English.

DUAL CREDIT ENGLISH COMPOSITION 1101

EN5611, IAI C1 900, 1 Semester, 1/2 Credit

Introduces key concepts in rhetoric and writing, including situation and context, audience, genre, purpose, and persuasion. Students apply these concepts in writing projects that demonstrate how reading and writing are embedded in multi-faceted academic, personal, social, political, and/or professional purposes. These writing projects unfold through a deliberate process of inquiry, feedback, and revision. This course is offered at no cost, is a part of the Illinois Articulation Initiative, and is widely transferable to many colleges and universities through a College of DuPage transcript.

Prerequisite: A score of 20 or higher on the ELA portion of the ACT, or an ACT composite score of 20 or higher, or an English subscore of 18 or higher, or five semesters of a 2.6/4.0 unweighted GPA or higher.

DUAL CREDIT ENGLISH COMPOSITION 1102

EN5612, IAI C1 901R, 1 Semester, 1/2 Credit

Builds upon the rhetoric, reading, and writing concepts introduced in English Composition 1 by having students compose inquiry-driving research projects. In their research process, students find and select the most appropriate sources to address research questions that are intended for a discourse community. Students integrate sources meaningfully for support and present their findings via the forms of media and genre that suit the project's objectives. This course is offered at no cost, is a part of the Illinois Articulation Initiative, and is widely transferable to many colleges and universities through a College of DuPage transcript.

Prerequisite: A score of 20 or higher on the ELA portion of the ACT, or an ACT composite score of 20 or higher, or an English subscore of 18 or higher, or five semesters of a 2.6/4.0 unweighted GPA or higher. In addition, students must have successfully completed Dual Credit English Composition 1101 or have earned a 3 or higher on the AP Language and Composition Exam.

LITERATURE AND PSYCHOLOGY

EN4214, 1 Semester, 1/2 Credit

This course is designed for students who are interested in studying literature through a psychological lens. Divided into units that address sensitive issues such as anxiety and depression, grief and guilt, and love and relationships, students will apply psychological concepts to literature in order to deepen and enrich their understanding of a text and of the human condition.

Prerequisite: Three years of high school English.

LITERATURE OF WAR

EN4114, 1 Semester, 1/2 Credit

This course examines literature through the lens of war, including the psychology, evolution, and ethos of both war and the warrior. The course will also encompass the history and consequences of both World Wars, and students will analyze two novels from not only a personal and a societal perspective but from a global one as well.

Prerequisite: Three years of high school English.

MODERN LITERATURE AND COMPOSITION

EN4111, 1 Semester, 1/2 Credit

Modern Literature aims to expose students to voices and perspectives that, traditionally, have been underrepresented in the high school literature canon. The course encourages students to challenge assumptions about culture, history, and traditions-both their own and others'. Modern Literature requires students to listen openly to voices from other traditions and perspectives while looking objectively at their own.

Prerequisite: Three years of high school English.

SENIOR COMPOSITION

EN4713, 1 Semester, 1/2 Credit

This course for college bound seniors offers students practice in writing various kinds of exposition required in college. Students learn ways to develop research, organize their thinking, review and select material, arrange material strategically, develop an effective style, use correct and interesting vocabulary, and establish an appropriate tone for their subjects. Students improve their writing skills through applying sophisticated sentence patterns and revising extensively to create a polished product.

Prerequisite: Three years of high school English.

WORLD LITERATURE

EN4313, 1 Semester, 1/2 Credit

This college-preparatory course is designed for students with above-average reading skills and a special interest in global literature. Students will be involved in an active search for meaning in the texts as well as creative, critical reflections on questions of enduring significance. Students will have the opportunity to explore important works of literature from a variety of time periods and genres and from every continent.

Prerequisite: Three years of high school English.

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English Learners Course Descriptions

English Learners Recommended Course Sequence

	English	Math	Science	Social Studies	Electives
Entering (Level 1)	English 1 EL Language Skills 1	Pre-Algebra EL	Physical Science EL	World History EL	Consumer Management EL Culinary Arts EL Drivers Education EL Health EL Speech EL Study Methods EL Tech Essentials EL Theatre EL
Beginning (Level 2)	English 2 EL Language Skills 2	Algebra EL	Biology EL	U.S. History EL	
Developing (Level 3)	English 3 EL Language Skills 3	Integrated Algebra and Geometry EL	Chemistry EL	U.S. Government EL Contemporary World History EL	
Expanding (Level 4)	English Bridge EL		Physics (see Science Dept. for more info)		

ENGLISH EL

ENGLISH 1 EL

EN1041(2), 1 Year, 1 Credit

This course is designed for students who have little or no English language proficiency. Students use phonics and decoding strategies to develop skills in vocabulary and reading comprehension as well as written and oral English conventions. An immersion in English language and American culture will prepare students to transition into EL 2 and other appropriate academic classes. Must be concurrently enrolled in Language Skills 1 EL..

Prerequisite: Typically recommended for students with ACCESS scores in the range of 1.0 - 1.9.

LANGUAGE SKILLS 1

EN1141(2), 1 Year, 1 Credit

This course, taken in combination with English 1 EL, is designed for students from non-English speaking backgrounds to become proficient in listening, speaking, reading, and writing. Students will develop the literacy skills to be successful in academic settings. Must be concurrently enrolled in English 1 EL.

ENGLISH 2 EL

EN1241(2), 1 Year, 1 Credit

This course is designed for beginning English Learners who demonstrate basic English language comprehension and fluency, and who are continuing to develop skills in listening, speaking, reading and writing. Students are encouraged to use English in real life situations and to manipulate vocabulary and structures that they will need in their content-area classes. Grammar is taught formally by rules and informally through practice and repetition. Must be concurrently enrolled in Language Skills 2 EL.

Prerequisite: Typically recommended for students with ACCESS scores in the range of 2.0 - 2.9.

LANGUAGE SKILLS 2

EN1341(2), 1 Year, 1 Credit

This course, taken in combination with English 2 EL, is designed for students to learn structural patterns to effectively communicate in content-area topics. Reading material is guided and controlled to ensure practice of grammatical structures. Vocabulary development focuses on interpersonal communication and content-area terminology. Students also begin to develop more comprehensive writing skills. Must be concurrently enrolled in English 2 EL.

ENGLISH 3 EL

EN2041(2), 1 Year, 1 Credit

This course is designed for students at an intermediate level of English language proficiency who have developed comprehension and conversational English skills. Students will be introduced to adolescent literature to help familiarize them with American society and culture. Students will also utilize inferential and other higher-level thinking skills. At the completion of this course, students will exhibit high-intermediate to advanced level proficiency in the four domains of listening, speaking, reading and writing. Must be concurrently enrolled in Language Skills 3 EL.

Prerequisite: Typically recommended for students with ACCESS scores in the range of 3.0 - 3.9.

LANGUAGE SKILLS 3

EN2141(2), 1 Year, 1 Credit

This course, taken in combination with English 3 EL, is designed for students to build on the vocabulary learned in English 2 EL. Vocabulary used in content-area classes will be studied to develop academic language proficiency. The course expands on students' existing language skills, emphasizing writing and formal speaking. Students will have opportunities for continued practice and refinement of academic language skills. Must be concurrently enrolled in English 3 EL.

ENGLISH BRIDGE EL

EN3041(2), 1 Year, 1 Credit

As the final course of English EL, it is designed to expose students to reading and writing at a high-intermediate to advanced level of English language proficiency. Emphasis will be placed on reading strategies and the writing process. Students will be introduced to various types of literature and will be provided with opportunities to further practice and refine all language skills. At the completion of EL Bridge, students will exhibit advanced level proficiency in the four domains of listening, speaking, reading and writing. Upon successful completion of the program of study, students will be prepared to thrive in a mainstream English course.

Prerequisite: Typically recommended for students with ACCESS scores in the range of 4.0 - 4.7.

MATH EL

PRE-ALGEBRA EL

MA0641(2), 1 Year, 1 Credit

This course will stress basic mathematical reasoning while expanding students' mathematical language. It prepares students for Algebra 1 by covering pre-algebra material, including whole numbers, decimals, fractions, percents, proportions and equations with one variable. The class provides a solid math foundation of skills, processes and vocabulary on which future classes will build. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

Prerequisite: Placement is based on standardized assessment scores and recommendations from 8th grade teachers and the EL coordinator.

ALGEBRA EL

MA1141(2), 1 Year, 1 Credit

Algebra EL is a study of linear and nonlinear functions with an emphasis on understanding these concepts through multiple representations of equations, tables, and graphs. The course is also enriched with language development activities to help EL students gain and strengthen their proficiency in mathematical academic vocabulary.

Prerequisite: Placement is based on standardized assessment scores and recommendations from 8th grade teachers and the EL coordinator.

INTEGRATED ALGEBRA & GEOMETRY EL

MA1341(2), 1 Year, 1 Credit

The purpose of this course is to prepare English Learners for the transition into general education mathematics courses. This course reinforces conceptual understanding and procedural fluency of foundational Algebra 1 content, while integrating plane, solid and coordinate geometry. This course will combine the curricula of algebra and geometry in order to complete both courses in one school year. Problem solving, multiple representations of mathematical relationships.

Prerequisite: Placement is based on standardized assessment scores and recommendations from 8th grade teachers and the EL coordinator.

SOCIAL STUDIES EL

WORLD HISTORY EL

SS1341(2), 1 Year, 1 Credit

This World History EL course is designed to address the needs of English Learners and strengthen vocabulary acquisition to help students learn about different cultures and time periods by tracing major global events. Students will gain an understanding of the world while developing their vocabulary and reading, writing, listening, and speaking English skills. Additionally, this course will help World History EL students become active and knowledgeable members of a diverse and globally interactive community.

U.S. HISTORY EL

SS3041(2), 1 Year, 1 Credit

U.S. History EL covers the history of the United States from the Colonial Period through the 20th Century. By examining the political, social, and economic roots, students will better understand the current developments that affect their lives. Students will expand their reading, writing, speaking, and critical thinking skills as they analyze primary and secondary historical materials and evaluate the ideals upon which the United States was built. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition. Successful completion of this course fulfills the U.S. History requirement for graduation.

U.S. GOVERNMENT AND POLITICS EL

SS4343, 1 Semester, 1/2 Credit

Students in U.S. Government and Politics EL will begin their study by examining classical political philosophies and explore the practical operations of government at the local, state, and national levels. Students will be encouraged to think critically about the role of individual citizens in the political process and are expected to engage in activities which involve active citizenship both in and outside of the classroom. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition. Successful completion of this course fulfills the civics and US Constitution requirements for graduation.

Prerequisite: U.S. History EL.

CONTEMPORARY WORLD HISTORY EL

SS2043, 1 Semester, 1/2 Credit

Contemporary World History focuses on the modern world by investigating significant political, economic, and social developments since 1945. Students will explore the Cold War and the collapse of the Soviet Union, the rise of modern China, conflicts in the Middle East, and issues facing sub-Saharan African countries. By studying the world since 1945, students develop a historical perspective while analyzing current trends in today's world systems including global interdependence, terrorism, nuclear diplomacy, and human rights concerns. Students will use a variety of current events sources to further develop the reading, writing, and critical thinking skills introduced in their World History EL course. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

Prerequisite: U.S. History EL

SCIENCE EL

PHYSICAL SCIENCE EL

SC1441(2), 1 Year, 1 Credit

Physical Science EL is a laboratory based course designed to give students a broad science background. The course familiarizes students with basic skills and techniques necessary for scientific investigations; emphasis is given to practical applications of scientific knowledge and principles. Selected topics from chemistry and physics are explored through lab activities, projects and discussions. A major goal of the course is to have students gather the information and skills needed to make intelligent, informed decisions on science-related issues facing our society. The development of problem-solving and organizational skills is also an important component of this course. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

BIOLOGY EL

SC2041(2), 1 Year, 1 Credit

Biology EL presents living organisms, how they function, and how they interact in the biosphere. Topics of study include: Ecology, Populations, Human Impact, Photosynthesis, Genetics, DNA, Evolution and Homeostasis. Biology is a lab-based course aligned with the Next Generation Science Standards. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

CHEMISTRY EL

SC3341(2), 1 Year, 1 Credit

Chemistry EL is a course that deals specifically with the nature of matter and the changes it undergoes. Students will improve their ability to observe accurately, organize information effectively, become adept at making valid conclusions, and improve their problem-solving skills. Qualitative and quantitative laboratory exercises are used to illustrate and emphasize principles. Topics of study include: Matter, Intermolecular Forces, Nuclear Chemistry, Chemical Reactions, The Mole and Stoichiometry, Thermochemistry, Reaction Kinetics and Equilibrium. This is a lab-based course that is aligned with Next Generation Science Standards. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

Prerequisite: Biology EL

PE/DRIVERS ED EL

DRIVER EDUCATION EL

DE2041(2) AND DE2141(2), 1 Year, 1 Credit

This course includes both classroom and behind-the-wheel requirements of Driver's Education. Successful completion of the course meets the State of Illinois requirements for obtaining a driver's license. The course will prepare students for the physical, social, and cognitive demands of driving. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition. Additional information and requirements can be found in the main portion of the Driver's Education course description.

Prerequisite: Students must be at least 15 years old.

HEALTH EL

HE1043(2), 1 Semester, 1/2 Credit

The course provides students with factual information in order for them to make healthy life decisions. This course includes the study of individual growth and development, protection and promotion of health and wellness, hazards of drugs, alcohol and tobacco, diseases, mental health, CPR and AED training. Content delivery is modified to facilitate both English language development, and an understanding of health and wellness. Successful completion of this course meets the health education graduation requirement.

EL ELECTIVES

CONSUMER MANAGEMENT EL

FC3343, 1 Semester, 1/2 Credit

This course will teach students financial responsibility, money management, credit and debt, use of banking institutions for savings and checking accounts, and investment options are topics students will learn. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition. This course fulfills the consumer education graduation requirement.

CULINARY ARTS EL

FC1143, 1 Semester, 1/2 Credit

This course is designed to help students develop vocabulary and preparation skills related to basic American food items. Units of study include quick breads and cereals, fruits, vegetables, dairy/meat and cookies and simple nutrition. Laboratory experiences will emphasize vocabulary, safety, sanitation and the proper use and care of food preparation equipment. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

TECHNOLOGY ESSENTIALS EL

BU1143, 1 Semester, 1/2 Credit

This Technology Essentials EL course will develop students' technology skills. Students first develop speed on a desktop keyboard. This important course will give students the technology skills for mobile and tablet devices and laptop or desktop computers. Microsoft Word and PowerPoint, as well as, Google Apps are used to help students develop and enhance their technology skills. This course is designed to address the needs of English Learners and strengthen vocabulary acquisition.

SPEECH EL

SP1043, 1 Semester, 1/2 Credit

This course will build and expand students' communication skills and vocabulary. The class incorporates individual, partner, and group work that explore a variety of speech activities. Special attention is given to voice and diction, finding and using materials, speech organization and nonverbal delivery. The process of speech making is examined from the perspectives of communicator, message and receiver. Speech EL fulfills the speech arts graduation requirement. Prerequisite: EL English 2 or higher.

THEATRE EL

SP1143, 1 Semester, 1/2 Credit

This course will build and expand students' communication skills and vocabulary by teaching the art of communication through the study of dramatic performance and production. Students study theatre and the development of acting styles and techniques. Students read and analyze the structure and composition of plays and monologues, as well as critically view performances. Students learn how to use their voice and body language to communicate effectively through a variety of performance activities, such as improvisation, pantomime, monologue, and scene work. This course fulfills the speech requirement for graduation, and can also satisfy the Cultural Arts graduation requirement if the student has already taken Speech. Prerequisite: EL English 2 or higher.

STUDY METHODS EL

EN9941(2), 1 Year, 1 Credit

Study skills such as time management, outlining, note-taking and test-taking are taught in this course. Students are provided time for practical application of study skills.

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Family and Consumer Science Course Descriptions

Family & Consumer Science Recommended Course Sequence

	Fashion & Design	Food & Hospitality	Human Development
Entry Level	Fashion Workshop Fashion Merchandising	Culinary Arts 1 Nutrition and Fitness	Child Development 1 Human Relations

Courses	Interior Design		Parenting
Intermediate Courses		Culinary Arts 2 Gourmet Foods	Child Development 2 Independent Study in Early Childhood Education
Capstone Courses			Dual Credit Intro to Education Dual Credit School Procedure

CHILD DEVELOPMENT 1

FC2313, 1 Semester, 1/2 Credit

This course is designed to help students gain a better understanding in the areas of the physical, intellectual, emotional, and social development of children. Students will participate in an on-site preschool program with children ages 3-5. This class provides hands-on experiences for students considering a career working with children, social services, teaching and beyond.

CHILD DEVELOPMENT 2

FC3913, 1 Semester, 1/2 Credit

The second level of Child Development involves student planning and teaching lessons in the on-site preschool program. Students will create experiences in the various curricular areas for the preschoolers. Students planning on pursuing a career in education, social services, or psychology should consider this course.

Prerequisite: Child Development 1

PARENTING

FC3713, 1 Semester, 1/2 Credit

Learn about current trends and issues related to having and raising a child. This course is beneficial to students pursuing careers in early childhood education, psychology, pediatrics, or additional fields that work with children. This course is designed to help students think through the responsibilities, satisfactions, and stresses of parenthood. Topics covered during the semester are pregnancy, birth options, infant care, child safety and health issues, child guidance, special needs children, and child abuse. In addition, this course will prepare students to assume the important role of being a parent later in their lives or a career path that works with children.

Prerequisite: Health and one semester of high school physical education.

HUMAN RELATIONS

FC3413, 1 Semester, 1/2 Credit

Look closely at the relationships you have with the important people in your life. Learn about yourself and others. Examine personality development theories and how they apply to the individual. Explore future relationships as you develop an understanding of the person you are now and the person you want to become. This course examines positive communication skills and techniques essential to everyone as they interact with others in their careers and relationships.

Prerequisite: Health and one semester of high school physical education.

INDEPENDENT STUDY IN EARLY CHILDHOOD EDUCATION

FC6011(2), 1 Year, 1 Credit

Students will learn the details of running a Preschool from set up in fall to shut down in spring. Administrative tasks will include parent correspondence, computer generated forms for children, room management, and Preschool inventory. Preparation and teaching of activities, as well as aiding groups during a ten-week session of the onsite preschool, our on-site child-development lab, would also be part of your responsibilities. Students must be self-motivated, able to work steadily on their own, and love working with children.

Prerequisite: Successful completion of Child Development 2 and Business/FACS Department Chair Approval

CULINARY ARTS 1

FC1113, 1 Semester, 1/2 Credit

This course is designed to teach basic food preparation skills and proper nutrition. Units covered during the semester include safety and sanitation, knife skills, fruits and vegetables, quick breads, grains and pasta, eggs, and milk. Students will develop and acquire teamwork skills that can be used for job placement in the hospitality industry or for personal use.

CULINARY ARTS 2

FC2113, 1 Semester, 1/2 Credit

This course is designed to expand upon the beginning skills learned in Culinary Arts 1. Culinary 2 focuses on an additional range of culinary topics such as yeast breads, cakes/cake decorating, pastry, candy-making, and other advanced cooking methods. This course offers options for career exploration in the hospitality industry with field experiences and guest speakers. This class is recommended for students planning to pursue a degree in the culinary or pastry arts as well as culinary enthusiasts.

Prerequisite: Culinary 1

GOURMET FOODS

FC4113, 1 Semester, 1/2 Credit

Gourmet Foods explores advanced culinary techniques and cooking principles in food preparation. This course focuses on food preparation skills from Culinary Arts 1 and adds to them with the preparation of regional cuisine, specialty culinary techniques (soups, sauces, cooking methods, etc.). Current food and restaurant trends will be explored along with hands-on labs and field experiences. This course is a great stepping stone for students who enjoy food and cooking or want a career in the Culinary or Hospitality Industry.

Prerequisite: Culinary 1

DUAL CREDIT INTRO TO EDUCATION 1100

FC4913, 1 Semester, 1/2 Credit

Students will be provided an introduction to teaching as a profession in the American education system, offering a variety of perspectives on education including historical, philosophical, social, legal, and ethical issues in a diverse society. The course includes organizational structure and school governance. A 20 hour field experience is required. This is a dual credit course through the College of DuPage. It is offered at no cost and is transferable to many colleges and universities through a COD transcript.

Prerequisite: A score of 20 or higher on the ELA portion of the ACT, or an ACT composite score of 20 or higher, or an English subscore of 18 or higher, or five semesters of a 2.6/4.0 unweighted GPA or higher.

DUAL CREDIT SCHOOL PROCEDURE 1101

FC5913, 1 Semester, 1/2 Credit

Students will examine various policies, procedures, and routine activities that are part of the teacher's role. This is a field experience course with each student spending a minimum of twenty clock hours in a classroom. Weekly seminars focus on the development of human relations and problem solving skills necessary for an effective classroom. A 20-hour field experience is required. This is a dual credit course through the College of DuPage. It is offered at no cost and is transferable to many colleges and universities through a COD transcript.

Prerequisite: A score of 20 or higher on the ELA portion of the ACT, or an ACT composite score of 20 or higher, or an English subscore of 18 or higher, or five semesters of a 2.6/4.0 unweighted GPA or higher. The College of DuPage also recommends the completion of Dual Credit Intro to Education 1100 with a C or better.

FASHION MERCHANDISING

FC2213, 1 Semester, 1/2 Credit

An adventure into the fashion world: fashion merchandising, apparel design, advertising, retail buying, visual display, modeling, fashion show production or textile design! Class projects allow students to learn skills used in fashion related businesses. This course includes many hands-on projects.

FASHION WORKSHOP

FC1213, 1 Semester, 1/2 Credit

The main focus of the course is the world of fashion, how it changes and how to make fashion work for you. Design your own fashions as you create a wearable art project. Find out your figure type and learn to choose clothes that will make you look your best. Students learn to coordinate fashion looks and accessories by applying design elements and principles to their design projects. Hands-on projects are used throughout the course.

INTERIOR DESIGN

FC3613, 1 Semester, 1/2 Credit

This project based course will enable students to gain an understanding of the elements and principles of design. Students will learn to make appropriate selections of colors, fabrics, furnishings, lighting and furniture. Students will develop skills in architectural drafting and space planning through the use of hand or computerized drafting techniques. Students apply math calculations to scale rooms and create scaled floor plans for a variety of spaces. Class projects include decorating sample rooms and designing floor plans. Students will also explore potential careers in the architecture and design fields.

NUTRITION & FITNESS

PE3111(2), 1 Semester, 1/2 Credit

This one-semester course is an integrated program which incorporates the principles of foods and nutrition. The student will analyze their diet, prepare nutritious foods, and participate in a variety of fitness and stress management activities. Each student will participate in a health and fitness evaluation at the beginning of the semester and will then establish their own fitness and nutritional goals for the semester. Activities include: computer diet analysis, selection and preparation of low fat foods and menus, running, walking, aerobics, other fitness related activities, and listening to speakers related to health and fitness. This course can NOT be repeated for PE credit (but may be repeated for FCS credit).

Prerequisite: Health and one semester of high school physical education.

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Math Course Descriptions

Math Recommended Course Sequence

9 TH GRADE	Algebra 1	Integrated Algebra & Geometry	Geometry Honors	Algebra 2 with Trigonometry Honors
10 TH GRADE	Algebra 2	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry Honors	Precalculus Honors
	Integrated Algebra & Geometry			
11 TH GRADE	Geometry with Trigonometry	Precalculus	Precalculus Honors	AP Calculus AB
	Algebra 2 with Trigonometry	Math Modeling and Applications		AP Calculus BC
12 TH GRADE	Algebra 3	AP Statistics	AP Calculus AB	Dual Credit Multivariable Calculus
		AP Calculus AB	AP Calculus BC	
	AP Computer Science A		AP Computer Science A	
	AP Precalculus		AP Statistics	
	Dual Credit General Education Math 1218			
	Math Modeling and Applications			

MATH STRATEGIES

MA0111(2), 1 Year, 1 Elective Credit

This course will develop and strengthen math strategies and skills necessary for success in future math courses. This course is designed for students in need of targeted support to meet grade-level math demands as measured by standardized test scores. Students who are successful in this course may have the option to move out of Math Strategies to a study hall or an elective course for Semester 2 based on availability. This course is repeatable for credit with Assistant Principal for Instruction or Assistant Principal for Student Service approval.

Prerequisite: Placement is based on standardized assessment scores, recommendation of teachers and the Math Department Chair. Concurrent enrollment in a math class is required.

ALGEBRA 1

MA1111(2), 1 Year, 1 Credit

This course stresses precision of language and emphasizes algebraic laws and structure. The course content consists of number concepts, linear expressions, functions and equations, polynomial expressions, quadratic equations, graphing, and probability statistics, and data analysis. Technology support will be included in instruction. A scientific calculator is required.

Prerequisite: Placement is based on standardized assessment scores from middle school, recommendation of 8th grade teachers and the Math Department Chair.

GEOMETRY HONORS

MA2121(2), 1 Year, 1 Credit

This honors course is the study of plane, solid, and coordinate geometry. Emphasis is placed upon deductive reasoning, formal proofs, and the interdependence of algebra and geometry. Along with extending the concepts and techniques of algebra, Geometry Honors assists in developing reading and reasoning skills needed in the subsequent courses. A scientific calculator is required.

Prerequisite: Successful completion of Algebra 1. Placement is based on standardized assessment scores from middle school, recommendation of 8th grade teachers and the Math Department Chair.

INTEGRATED ALGEBRA & GEOMETRY

MA1311(2), 1 Year, 1 Credit

This accelerated course reinforces conceptual understanding and procedural fluency of foundational Algebra 1 content, while integrating plane, solid, and coordinate geometry. Problem-solving, multiple representations of mathematical relationships, and effective use of technology are emphasized. This course satisfies the graduation requirement for Algebra and Geometry. A scientific calculator is required.

Prerequisite: Placement is based on standardized assessment scores from middle school, recommendation of 8th grade teachers and the Math Department Chair.

ALGEBRA 2 WITH TRIGONOMETRY HONORS

MA3421(2), 1 Year, 1 Credit

This honors course is a rigorous study of functions with special emphasis on understanding and problem solving. Concepts in algebra and geometry enhance the applications of this course and their role in mathematics. Topics covered include functions and relations, systems of linear equalities and inequalities, quadratic, complex numbers, exponential and logarithmic functions, rational and irrational algebraic functions, conics, higher degree functions, sequences, series and trigonometric functions. A graphing calculator is required.

Prerequisite: Successful completion of Geometry Honors

ALGEBRA 2

MA3211(2), 1 Year, 1 Credit

This course reinforces the concepts of Algebra 1 and gives a more thorough understanding of the number system, of graphical representation, and of the function concept. The study of topics such as quadratic functions, complex numbers, matrices and determinants, and probability, gives the student increased computational skills, as well as the ability to apply them to wider fields. A scientific calculator is required.

Prerequisite: Successful completion of Algebra 1

ALGEBRA 2 WITH TRIGONOMETRY

MA3411(2), 1 Year, 1 Credit

This course integrates pure and applied mathematics throughout as students learn about various functions from numerical, graphical and analytical representations. In addition to reinforcing algebra topics, students study variation, quadratic functions and relations, complex numbers, exponential and logarithmic functions, polynomials, series, combinations, and trigonometric functions. A graphing calculator is required.

Prerequisite: Successful completion of Integrated Algebra and Geometry

PRECALCULUS

MA4511(2), 1 Year, 1 Credit

This course extends topics from Algebra 2 with Trigonometry. Students gain an in-depth understanding of functions including linear, quadratic, exponential, and trigonometric functions. Other topics studied are vectors, polar and parametric equations, logarithms, sequences and series, probability/statistics, and complex numbers. A graphing calculator is required.

Prerequisite: Successful completion of Geometry with Trigonometry, Algebra 2 with Trigonometry, or Algebra 2 with Trigonometry H.

PRECALCULUS H

MA4521(2), 1 Year, 1 Credit

This course extends topics from Algebra 2 with Trigonometry Honors. This honors course includes a rigorous study of functions with special emphasis on understanding and problem solving. Concepts in algebra and geometry enhance the applications of this course and their role in mathematics. Students gain a rigorous understanding of functions including linear, quadratic, exponential, and trigonometric functions. Other topics studied are vectors, polar and parametric equations, logarithms, sequences and series, probability/statistics, and complex numbers. A graphing calculator is required.

Prerequisite: Successful completion of Algebra 2 with Trigonometry H.

GEOMETRY WITH TRIGONOMETRY

MA3911(2), 1 Year, 1 Credit

This course is a continuation of Algebra 2 topics that focus on exponential and logarithmic functions and trigonometry. Geometry will focus on plane, 3D-space, and coordinate geometry. Topics include triangles, circles, polygons, parallel lines and an introduction to coordinate and solid geometry. A scientific calculator is required.

Prerequisite: Successful completion of Algebra 2.

AP PRECALCULUS

MA5111(2), 1 Year, 1 Credit

This course extends topics from Algebra 2 with Trigonometry. It is a study of functions and their transformations, compositions and inverses through verbal, graphical, numerical and analytical representations. This is a capstone AP course and is not intended to replace Precalculus or Precalculus Honors for students continuing in other advanced coursework. This course prepares students for the Advanced Placement Examination in PreCalculus. Any student in an AP course is expected to take the course AP Exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. A graphing calculator is required.

Prerequisite: 3 years of high school math, including Algebra 2 with Trigonometry or equivalent

AP COMPUTER SCIENCE A

BU5131(2), 1 Year, 1 Credit

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Instruction includes preparation for the Advanced Placement Computer Science exam in May. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. Students who enroll in this course are expected to take this test. Students leave the class with a clear understanding of the Java programming language and the ability to adapt to any new programming language taught in college. This course counts as a math credit.

Prerequisite: Successful completion of Algebra 1 or higher.

AP STATISTICS

MA5131(2), 1 Year, 1 Credit

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. This course prepares students for the Advanced Placement Examination in Statistics. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. A graphing calculator is required.

Prerequisite: Successful completion of Precalculus or Precalculus Honors.

AP CALCULUS AB

MA5231(2), 1 Year, 1 Credit

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. This course prepares students for the Advanced Placement Examination in Calculus AB. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. A graphing calculator is required.

Prerequisite: Successful completion of Precalculus or Precalculus Honors.

AP CALCULUS BC

MA5331(2), 1 Year, 1 Credit

AP Calculus BC is an introductory college-level calculus course. In addition to the concepts covered in AP Calculus AB, students will also explore concepts like parametric equations, polar graphing and derivatives, sequences and series, logistic growth, and the ideas of convergence and divergence. This course prepares students for the Advanced Placement Examination in Calculus BC. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. A graphing calculator is required.

Prerequisite: Successful completion of Precalculus Honors.

MATHEMATICAL MODELING AND APPLICATIONS

MA4121(2), 1 Year, 1 Credit

This course applies mathematical concepts covered in prerequisite courses. These concepts are re-introduced and used in group based problem solving projects with an emphasis on collaboration, communication, critical thinking and creativity. Topics covered in this course include 3-dimensional drawing, scale drawing, proportion, budgeting and finance. A graphing calculator is required.

Prerequisite: Successful completion of Algebra 2 with Trigonometry.

ALGEBRA 3 TM002

MA4611(2), 1 Year, 1 Credit

This course is designed to develop mathematical reasoning and maturity and to transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. This course is not intended for students with a postsecondary plan that involves Science, Technology, Engineering, or Math (STEM) careers. Five topics will be studied: personal finance, statistics and predictions in everyday life, constructing our world, and math in decision making. The course emphasizes problem solving and reinforces the fundamental concepts of algebra. ALEKS PPL is utilized throughout the course for remediation, adaptive learning, and assessment. Algebra 3 will prepare all students for the mathematics needed for college and career. Students completing this course with a C or better can transition into a general education credit-bearing math course at COD or equivalent course at an Illinois community college. (Portability Code: TM002)

Prerequisite: Three years of high school math credit earned including a course with Algebra 2.

ADVANCED MATH APPLICATIONS

MA4113, 1 Semester, 1/2 Credit

This course affords students the opportunity to learn new skills from the fields of linear algebra and discrete, finite and applied mathematics. Students will work to understand how mathematical applications and models play a role in economics and social, life, and physical sciences. A graphing calculator is required.

Prerequisite: Successful completion of Algebra 2 with Trigonometry.

PROBABILITY AND STATISTICS

MA4213, 1 Semester, 1/2 Credit

This course familiarizes students with experiment design, formulation and testing of hypotheses, and adoption of confidence intervals to predict future behavior using probability. Students will be expected to analyze and write detailed descriptions and interpretations about graphs, data, and procedures. A graphing calculator is required.

Prerequisite: Successful completion of Algebra 2 with Trigonometry.

DUAL CREDIT GENERAL EDUCATION MATH 1218

MA5611(2), IAI M1904, 1 Year, 1 Credit

This course focuses on mathematical reasoning and the solving of real-life problems, rather than routine skills. This course is not intended for students with a postsecondary plan that involves Science, Technology, Engineering, or Math (STEM) careers. Four topics will be studied: set theory, logic theory, counting techniques and probability, and mathematics of finance. This is a dual credit course and is designed to fulfill general education requirements, and not designed as a prerequisite for any other college mathematics course. Math 1218 is offered at no cost and is transferable to many colleges and universities through a COD transcript.

Prerequisite: ACT Math score of 22 or higher and three years of high school math.

DUAL CREDIT MULTIVARIABLE CALCULUS

MA5531(2), 1 Year, 1 Credit

Multivariable Calculus is the capstone to our calculus course sequence and is offered through a dual enrollment model with The University of Illinois at Urbana-Champaign and taught at one or more of the Glenbard schools. There is an enrollment fee of approximately \$400 per student, which is subject to change. This fee also avails the student to 4 hours of undergraduate credit at the University of Illinois upon completion of the course. This Mathematica based course uses the award-winning Calculus & Mathematica (C&M) courseware that provides a focus on application and deep conceptual

understanding. While students are expected to be able to perform calculations by hand, abstracting away from the algebraic calculations can often make it easier to initially learn the connections between concepts. Mathematica allows students to quickly produce and easily change graphics and representations of their formulas

Prerequisite: Students must score a 4 or 5 on the AP Calculus BC exam.

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Music Course Offerings

Music Recommended Course Sequence

	General Music	Band	Choir	Orchestra
Entry Level Courses	Guitar 1 Hip Hop Production 1 Piano 1 History of Rock and Jazz	Beginning Band Beginning Band Percussion Intermediate Band Intermediate Band Percussion	Treble Choir Baritone Choir	Beginning Orchestra Chamber Orchestra
Intermediate Courses	Guitar 2 Hip Hop Production 2 Piano 2	Concert Band Concert Band Percussion	Advanced Treble Choir	Philharmonic Orchestra
Capstone Courses	AP Music Theory	AP Music Theory Symphonic Band Symphonic Band Percussion	AP Music Theory Chamber Choir Concert Choir	AP Music Theory Concert Orchestra

ADVANCED TREBLE CHOIR

MU3011(2), 1 Year, 1 Credit

This class is a choir for sopranos and altos. Emphasis is placed on further developing and reinforcing the fundamentals taught in Treble Choir. Continued study of tone production and breath control, perceptual skills, sight-reading, and music theory concepts are stressed. Each year members are required to participate in several formal concerts presented by both the individual choruses and the combined choral department. This course is repeatable for credit.

Prerequisite: Previous instruction in a high school choral class.

AP MUSIC THEORY

MU5031(2), 1 Year, 1 Credit

This course provides the advanced music student with a thorough introduction to the fundamentals of music. Students focus on an intensive study of music theory, history and performance practices. This full-year course is intended to give serious music students a foundation and orientation in collegiate music study. Areas surveyed include keyboard learning, ear training, tertiary theory, standard music literature, performance, and music history. This course prepares students for the Advanced Placement Examination in Music Theory. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Recommendation of any high school music teacher.

BARITONE CHOIR

MU1111(2), 1 Year, 1 Credit

This class is a non-auditioned entry-level class for all tenors and basses wanting to participate in choir. Fundamentals of music notation, sight reading, breath control, tone production, and basic aural skills are taught. Each year the members are required to participate in several formal concerts presented by both the individual choruses and the combined choral department. This course is repeatable for credit.

BEGINNING BAND

MU1311(2), 1 Year, 1 Credit

This class provides students with an opportunity to learn to play a musical wind instrument. It is open to students with little or no previous musical training. Students with prior experience may choose this class to continue instruction on their instrument, switch to a different instrument, or learn a secondary instrument. Students may choose from: Flute,

Clarinet, Saxophone, Trumpet, Trombone, Baritone, or Concert Percussion. Other instruments can be selected with teacher approval. School instruments are available for student use. This course is repeatable for credit.

BEGINNING BAND PERCUSSION

MU1011(2), 1 Year, 1 Credit

This class provides students with instruction on percussion instruments and is open to all students. In this course, students will work on all areas of percussion performance from drum technique, to mallet stroke, to tuning. This class includes a one-hour small group rehearsal after school each week, as well as other rehearsals and performances outside of the school day. Members of this ensemble also perform at football games, and with the Pep Band at basketball games. This class begins with a weekly rehearsal over the summer and includes a summer band camp. This course is repeatable for credit.

BEGINNING ORCHESTRA

MU1411(2), 1 Year, 1 Credit

This class is for the beginning string instrument player with little or no musical training. Instruction is offered on orchestral string instruments: Violin, Viola, Cello and String Bass. Fundamentals of string playing are taught with an emphasis on proper instrument and bow position, tone production, intonation, rhythm, note reading, basic music theory, ensemble playing, and the development of basic aural skills. This course is repeatable for credit.

CHAMBER CHOIR

MU4111(2), 1 Year, 1 Credit

Chamber Choir is a smaller auditioned vocal ensemble for mixed vocal part singers. Instruction includes music theory, music history, advanced vocal techniques, advanced sight-singing, performance decorum and ensemble performance technique. Specific focus is given to small ensemble skills and literature. Styles from the Renaissance to the present will be covered, including madrigal and jazz. The majority of the repertoire will be performed a cappella. The ensemble performs during the school year, including community service concerts, festivals, and a spring tour. Students must enroll in both semesters of this program. This course is repeatable for credit.

Prerequisite: Selection by audition.

CHAMBER ORCHESTRA

MU2411(2), 1 Year, 1 Credit

This class is the entry-level orchestra class for most students who were in orchestra in middle school. Students learn to play exciting contemporary pieces and well-known classical works. Emphasis is on developing a more advanced understanding of performance technique and music theory. Students have numerous opportunities to view live performances and to work with their peers in the other orchestra classes. A few evening concerts and rehearsals are an enjoyable component of the class that is required of all students. This course is repeatable for credit.

Prerequisite: Previous instruction on an orchestral string instrument.

CONCERT BAND

MU3111(2), 1 Year, 1 Credit

Concert Band is a middle-level instrumental class which gives particular attention to the fundamentals of chamber and large ensemble performance, and the continued development of technical skills. Rehearsal techniques, tone production, aural and perceptual skills, and rudimentary music theory are stressed. In addition to several formal concerts, members are required to participate in marching and pep band performances, various school/community activities, and sectionals. Upon completion of this course students may audition for the Symphonic Band. This includes a summer band camp. This course is repeatable for credit.

Prerequisite: Selection by audition.

CONCERT BAND PERCUSSION

MU3311(2), 1 Year, 1 Credit

This class is for the percussion students of Concert Band. In this course, students will work on all areas of percussion performance from drum technique, to mallet stroke, to tuning. This class includes other rehearsals, performances, and competitions outside of the school day. Members of this ensemble also perform with the Marching Band at football games, and with the Pep Band at basketball games. This class begins with weekly rehearsals over the summer and includes a summer band camp. This course is repeatable for credit.

Prerequisite: Selection by audition.

CONCERT CHOIR

MU4011(2), 1 Year, 1 Credit

This class is an auditioned choir for sopranos, altos, tenors, and basses. Members must have exceptional vocal technique, music reading ability, ear training skills, and choral experience. This ensemble sings advanced choral literature. Members

are required to participate in several formal concerts at school and within the community each year. Also, members have the opportunity to participate in numerous district, state, and college sponsored music festivals, concerts, and contests. This course is repeatable for credit.

Prerequisite: Selection by audition.

CONCERT ORCHESTRA

MU4411(2), 1 Year, 1 Credit

Concert Orchestra is an advanced instrumental ensemble, concentrating on the analysis and performance of the highest quality music repertoire for strings. Instruction stresses perceptual, aural and technical skills for string instrumentalists, as well as music theory, historical concepts, and fundamental conducting techniques. In addition to several formal concerts, members are required to participate in sectionals. These students may combine with wind and percussion players from Symphonic Band for a full orchestra experience. Also, members have the opportunity to participate in numerous district, state and college sponsored music festivals, concerts, and contests. This course is repeatable for credit.

Prerequisite: Selection by audition.

GUITAR 1

MU1513, 1 Semester, 1/2 Credit

This course offers beginning instruction on guitar. Instruction emphasizes music fundamentals, chord structures, music notation, picking, strumming, and instrumental techniques for accompanying and playing traditional and contemporary songs.

GUITAR 2

MU3513, 1 Semester, 1/2 Credit

This course is an extension of Guitar 1 and offers more advanced instruction on guitar. Instruction continues to emphasize music fundamentals, chord structures, music notation, picking, strumming, and instrumental techniques for accompanying and playing traditional and contemporary songs. This course is repeatable for credit.

Prerequisite: Successful completion of Guitar 1 or Fine Arts Department Chair approval

HIP HOP PRODUCTION 1

MU2613, 1 Semester, 1/2 Credit

This class is for students with an interest in or curiosity about Hip Hop music. The main purpose of the course is to create original Hip Hop music (both lyrics and beats). Students use and learn about loop-based software to create and sample beats. Students will have access to recording equipment to create studio-quality audio recordings of their rapping and/or singing. While the focus of the class is on creating new material, students will also explore Hip Hop origins, current Hip Hop music, Hip Hop culture (graffiti art, beatboxing, and break dancing), as well as Hip Hop's impact on society and social issues. Students do not need any experience or background in Hip Hop music to take this course.

HIP HOP PRODUCTION 2

MU2713, 1 Semester, 1/2 Credit

Expands on the content and techniques used in recording, producing, and performing hip hop music learned in Hip Hop Production 1. With professional software, students will create a wide portfolio of music that has both impact and real-world applications. Students will also explore multiple genres to deepen and inspire the music making process. Hip Hop Production 1 is a prerequisite for this course. This course will apply to the cultural arts graduation requirement. This course is repeatable for credit.

Prerequisite: Successful completion Hip Hop Production 1 or Fine Arts Department Chair approval.

HISTORY OF ROCK AND JAZZ

MU3313, 1 Semester, 1/2 Credit

History of Rock and Jazz seeks to integrate the history of America with the history and progression of Rock and Jazz. Students taking this class will be able to trace the history of Rock and Jazz music and understand the influences it had on major historical events within the United States. This course will trace how these types of music evolved from African and European roots into the blues, New Orleans jazz, swing, the jazz avant-garde, and current jazz styles. The course will then consider the "language of rebellion" as a seminal factor in the rapid development of rock to the present day. Rock styles presented will include electric blues, rockabilly, and the British invasion; acid rock and psychedelic blues; corporate rock, metal, and punk; grunge, rap, and industrial; current mainstream and alternative styles; and the development of popular music since the 1990s in response to the Internet revolution.

INTERMEDIATE BAND

MU2211(2), 1 Year, 1 Credit

In this class, students will build on the fundamentals of technique and musicianship that began in middle school. These

fundamentals include instrument care, posture and playing position, embouchure, breath control, tone production, intonation, and technique. Both ensemble and full band performance are stressed. In addition to several formal concerts, members may be required to participate in marching performances, various school/community activities, and sectionals. This course is repeatable for credit.

Prerequisite: Previous instruction on a wind or brass instrument.

INTERMEDIATE BAND PERCUSSION

MU2311(2), 1 Year, 1 Credit

This class is for the percussion students of Intermediate Band. In this course, students will work on all areas of percussion performance from drum technique, to mallet stroke, to tuning. This class includes other rehearsals and performances outside of the school day. Members of this ensemble may perform with the marching band at football games, and with the Pep Band at basketball games. This class includes a required summer band camp. This course is repeatable for credit.

Prerequisite: Previous instruction on a percussion instrument.

PHILHARMONIC ORCHESTRA

MU3411(2), 1 Year, 1 Credit

In this class, students begin to engage in deep study of more challenging music from the classical repertoire as well as film soundtracks and popular songs. Instruction stresses perceptual, aural and technical skills for string instrumentalists, as well as music theory and history. These students may combine with wind and percussion players from Symphonic Band for a full orchestra experience. Several evening concerts and rehearsals are a required component of the class. This course is repeatable for credit.

Prerequisite: Selection by audition.

PIANO 1

MU2513, 1 Semester, 1/2 Credit

This class is for students with little or no piano experience and will teach students the basics of piano keyboarding performance. Using these piano skills, students will also explore elements of music theory, history, notation, and composition.

PIANO 2

MU4513, 1 Semester, 1/2 Credit

This class is a continuation of Piano 1, stressing the development of advanced keyboard skills. This class will allow students to develop their skills both within a group as well as through independent projects that are coordinated on a "one-to-one" basis with the instructor. This class will be geared to students with piano background; either private piano lessons, or successful completion of Piano 1. This course is repeatable for credit.

Prerequisite: Successful completion of Piano 1 or Fine Arts Department Chair approval.

SYMPHONIC BAND

MU4211(2), 1 Year, 1 Credit

An advanced instrumental ensemble, the Symphonic Band concentrates on the analysis and performance of the highest quality music literature for winds and percussion. Instruction stresses advanced perceptual, aural, and technical skills for woodwind, brass and percussion instrumentalists, as well as music theory, historical concepts, and fundamental conducting techniques. In addition to several formal concerts, members are required to participate in marching performances, various school/community activities, and sectionals. Also, members have the opportunity to participate in district, state, and college sponsored music festivals, concerts, and contests. This class includes a summer band camp. This course is repeatable for credit.

Prerequisite: Selection by audition.

SYMPHONIC BAND PERCUSSION

MU4311(2), 1 Year, 1 Credit

This class is for the percussion students of Symphonic Band. Students will work on all areas of percussion from drum technique, to mallet strokes, to timpani performance. Members of this ensemble also perform with the marching band at football games, and with the Pep Band at basketball games. This class includes a summer band camp. This course is repeatable for credit.

Prerequisite: Selection by audition.

TREBLE CHOIR

MU1211(2), 1 Year, 1 Credit

This class is a non-auditioned entry-level class for all sopranos and altos wanting to participate in choir. Fundamentals of music notation, sight reading, breath control, tone production, and basic aural skills are taught. Each year the

members are required to participate in several formal concerts presented by both the individual choruses and the combined choral department. This course is repeatable for credit.

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PE/Health/Drivers Education Course Offerings

Physical Education Recommended Course Sequence

9TH GRADE	Frosh Physical Education Modified Physical Education
10TH GRADE	<div> <div>Body Sculpting Dance Arts Modified Physical Education Online Wellness Physical Education</div> <div>Peer Tutor Program Self Defense Strength Training Team Sports 1 Team Sports 2 Zero Hour Physical Education</div> </div>
11TH and 12TH GRADES	<div> <div>Body Sculpting Dance Arts Modified Physical Education Nutrition and Fitness</div> <div>Online Wellness Physical Education Peer Tutor Program Self Defense Strength Training Team Sports 1 Team Sports 2 Zero Hour Physical Education</div> </div>

PHYSICAL EDUCATION

FROSH PHYSICAL EDUCATION

PE1011(2), 1 Semester, ½ Credit

This course emphasizes knowledge and development of fitness and wellness concepts through instruction and participation in physical education activities. Units of study may include basketball, volleyball, badminton, soccer, team building, fitness, and others. Students will be introduced to a variety of technology resources that can be used to enhance physical training skills. Students will be challenged to think critically and collaborate with peers.

MODIFIED PHYSICAL EDUCATION

PE0111(2), 1 Semester, ½ Credit

An annual physician's written statement is required for enrollment in this course. This program is designed to provide physical education for the enrollees based on the specified limitations of each student. Emphasis will be placed on the awareness of one's capabilities and limitations, and the scope of activities in which the student may participate. Those students capable of participating in the regular program will be mainstreamed into appropriate activities.

BODY SCULPTING

PE3911(2), 1 Semester, ½ Credit

This course is a mixture of Cardio, Strength and Functional Fitness. Using a wide variety of cross training methods, students will experience cardiovascular conditioning in the form of Kickboxing, Hiit Training, Interval Station Work, Tabatas and Speed Ladder / Rope work. This Cardio training will be mixed with Strength and Body Sculpting course work such as Pilates, Yoga, Definition (Free Weights) and Functional Strength Training Core Stability and TRX station work. This course is geared toward all fitness levels – modifications will be given to suit the needs of beginning to advanced exercisers.

Prerequisite: One semester of high school physical education.

DANCE ARTS

PE4411(2), 1 Semester, ½ Credit

Students will develop the knowledge, understanding and skills of dance as an art form through dance performance. Basic forms of dance, aerobics, fitness and cardiovascular development are taught for the beginner and advanced learner. Students will learn and develop locomotor and non-locomotor combinations, sequences and choreographed

dances.

Prerequisite: One semester of high school physical education.

ONLINE WELLNESS PHYSICAL EDUCATION

PE0511(2), 1 Semester, ½ Credit

Students will work with their grade-specific curriculum in a Physical Education class that is designed to provide an individualized learning approach toward personal wellness. Students will create a personal fitness plan that focuses on individualized goals and components of fitness and mental wellness. All goals and outcomes are aligned with state and district standards. Students will meet in person with the teacher during the first and last weeks of the semester. All other class meetings will be either virtual or through individual student work from home. A smart watch with a heart rate monitor is required and will be loaned to students for the semester if needed. All students will gain knowledge of how to recognize, analyze, and evaluate their individualized learning.

Prerequisite: Successful completion of one semester of high school physical education. Recommendation from Counselor, Teacher, and/or Physical Education Department Chair.

PEER TUTOR PROGRAM

PE0211(2) OR PE0271(2), 1 Semester, ½ Credit

Sophomore, Junior and Senior peers assist students with special needs during their Adaptive Physical Education class. Peer Tutors are responsible for assisting the Adaptive Physical Education class by helping students learn how to be active and socialize while participating in fitness, team and individual sports, dance, and team building. Peer Tutors assist their partner in learning and demonstrate fundamental skills during each unit. In addition to assisting their partners, peers will be responsible to complete all fitness testing and activities to improve their own physical fitness throughout the course.

Prerequisite: Successful completion of one semester of high school physical education. Recommendation from Counselor, Teacher, and/or Physical Education Department Chair.

SELF DEFENSE

PE3411(2), 1 Semester, ½ Credit

This course addresses a thorough introduction to Self Defense Topics & Techniques that begins with awareness, prevention, risk reduction and avoidance, while progressing the basics of hands-on self-defense training. Students will discuss topics such as healthy and unhealthy relationships, the influence of media on culture, safety online, sexual harassment, sexual-assault and support systems, dating violence, bullying, internet safety, and how to avoid violence (de-escalation verbal skills) and unsafe situations (proactive thinking: behavior and possible verbal responses to conflict). Students will review case studies and topics in the news. Self Defense skills will be practiced often and skills will be built as a progression. Strikes, kicks, elbows, knees, grabs/holds, choke defense, distract and defend strategies to elude an attacker. Once basic skills are mastered, additional combination skills will be introduced (Leg sweeps, throws, take downs). The Development of fitness abilities-strength, balance, speed and agility (health components)- are added in class to supplement training. This course is repeatable for credit.

Prerequisite: One semester of high school physical education.

STRENGTH TRAINING

PE4511(2), 1 Semester, ½ Credit

The purpose of this course is to develop strength, speed, agility, and coordination. Physical fitness activities are incorporated on a daily basis. Information about various types of strength development programs will be presented. Students will also learn to develop personalized sport-specific strength programs. This class may be repeated.

Prerequisite: One semester of high school physical education.

TEAM SPORTS 1

PE3311(2), 1 Semester, ½ Credit

This course is intended for students who choose to participate and engage in sports at a highly competitive level. This is a semester long course that provides each student with individualized challenges and fitness-based lessons through a variety of sports including, but not limited to: Basketball, Volleyball, Floor Hockey, Flag Football, Softball, Team Handball, Ultimate Frisbee, Pickleball, Strength training activities, and Cardiovascular endurance activities. This course is repeatable for credit.

Prerequisite: One semester of high school physical education.

TEAM SPORTS 2

PE4311(2), 1 Semester, ½ Credit

This course is intended for students who choose to engage in a variety of sports suitable for physical education. This course will not be as competitive as Team Sports 1, but it will include team and individual sports. Sports that might be played may include: Basketball, Volleyball, Floor Hockey, Flag Football, Softball, Soccer, Tennis, Team Handball, Badminton, Eclipse Ball, along with weekly use of the Fitness Center, cardiovascular fitness activities, and heart rate monitors. This course is repeatable for credit.

Prerequisite: One semester of high school physical education.

ZERO HOUR PHYSICAL EDUCATION

PE1011(2), 1 Semester, ½ Credit

This course is designed for students who would like a semester-long course of physical education that meets before school. This course emphasizes knowledge and development of fitness and wellness concepts through instruction and participation in physical education activities. Students will be engaged in a variety of fitness activities, team and individual sports. Technology will be introduced through heart rate monitors and exercise apps. This course is repeatable for credit. Students must be able to provide their own transportation to school but can take school transportation home at the end of the day.

NUTRITION & FITNESS

PE3111(2), 1 Semester, 1/2 Credit

This one-semester course is an integrated program which incorporates the principles of foods and nutrition. The student will analyze their diet, prepare nutritious foods, and participate in a variety of fitness and stress management activities. Each student will participate in a health and fitness evaluation at the beginning of the semester and will then establish their own fitness and nutritional goals for the semester. Activities include: computer diet analysis, selection and preparation of low fat foods and menus, running, walking, aerobics, other fitness related activities, and listening to speakers related to health and fitness. This course can NOT be repeated for PE credit (but may be repeated for FCS credit).

Prerequisite: Health and one semester of high school physical education.

PEER TUTOR PROGRAM

PE0211(2) OR PE0271(2), 1 Semester, ½ Credit

Sophomore, Junior and Senior peer partners will be matched up with a student with special needs. Peers will be responsible for assisting the student in learning and demonstrating fundamental skills. The course will focus on fitness, team and individual sports, dance, and team building. In addition to assisting their partners, peers will also be responsible to complete all fitness testing, and activities to improve their own physical fitness throughout the course.

Prerequisite: One semester of high school physical education.

HEALTH

HEALTH

HE1011(2), 1 Semester, ½ Credit

Health Education is a graduation requirement for the State of Illinois. This course is incorporated within the Physical Education Curriculum at the freshman level. The units of study are: Emotional Health, Nutrition, Aging, Death and Dying, Human Sexuality, Disease Control and Prevention and Alcohol, Tobacco and other Drug Abuse.

DRIVERS EDUCATION

DRIVER EDUCATION

DE2011(2) 1 Semester, 1/2 Credit

Prerequisite: Students must be at least 15 years old.

Classroom

Students attend the classroom phase of Driver Education on an every-other-day basis. The length and schedule of this phase will depend on the size of the class. The Classroom Phase may run all semester long or for a portion of the semester until hourly requirements are met. During the semester students will also be assigned a Driver Ed study hall in which they can use to study and complete materials when they are not in class, BTW, or simulation. Classroom is designed to give students basic information on a variety of topics related to the safe operation of a motor vehicle and more importantly how to interact with people on the road. During the semester students will complete 4 Unit tests consisting of information from the Drive Right Textbook. Any student who misses class for any reason must make up the

class to meet strict state requirements.

Behind the Wheel Phase (BTW) - 180 minutes (Pass/Fail)

The BTW phase is designed to teach all students the necessary physical and decision-making skills required for driving. In this phase, classroom knowledge and simulation experience will be used to guide each students’ development behind the wheel of a vehicle. Students will drive approximately once a week and are required to complete 180 minutes of BTW with an instructor. Each student will be put through a variety of lessons that correspond to topics covered in other parts of the course. Students will be graded on growth and progress during the semester. Any absences must be made up to meet state requirements. Students who are required to wear glasses must have them in order to drive. Also, students must have the proper footwear including no sandals or slippers. The BTW setting is an extension of the school classroom and all school rules apply including using cell phones. The state requires each student to have 50 hours of driving practice at home in addition to the time spent with an instructor at school. This practice allows students to master skills taught with instructors and build confidence controlling the vehicle.

Simulation Phase

The main objective of our simulation lab is for students to be taught specific procedural and mental skills which can carry over into a BTW environment. Students will use simulation machines to allow for additional practice as they develop physical and decision-making skills required for driving. BTW instructors will also use this time to teach in greater depth specific situations that regularly occur behind the wheel. Failure to complete required simulation reflections may result in not driving during BTW. Students must attend all simulator lessons and schedule any makeups due to being absent.

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Science Course Offerings

Science Recommended Course Sequence

	Core Courses		Electives
9 TH GRADE	Biology	Biology Honors	
10 TH GRADE	Chemistry	Chemistry Honors	Students may take electives in addition to the core course: AP Environmental Science AP Biology Anatomy/Physiology Biotechnology Geology and Astronomy Oceanography and Meteorology
11 TH GRADE	Physics	Physics Honors	Students may take electives in addition to the core course: Anatomy/Physiology Biotechnology Field Biology/Ecology Geology and Astronomy Oceanography and Meteorology
	AP Biology		
	AP Chemistry		
	AP Environmental Science		
	Dual Credit Intro to Horticulture 1100		
	Dual Credit Intro to Sustainable Urban Agriculture 2300		

<p style="text-align: center;">12TH GRADE</p>		<p style="text-align: center;">AP Environmental Science AP Biology AP Chemistry AP Physics C: Mechanics Dual Credit Intro to Horticulture 1100 Dual Credit Intro to Sustainable Urban Agriculture 2300 Anatomy/Physiology Biotechnology Field Biology/Ecology Geology and Astronomy Oceanography and Meteorology</p>
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BIOLOGY

SC2011(2), 1 Year, 1 Credit

Biology presents an introduction to living organisms, how they function, and how they interact in the biosphere. Topics of study include: Ecology, Populations, Human Impact, Photosynthesis, Genetics, DNA, Evolution and Homeostasis. Laboratory investigations are an integral part of the student experience including animal dissection. Biology is a lab-based course aligned with the Next Generation Science Standards.

BIOLOGY HONORS

SC2021(2), 1 Year, 1 Credit

Honors Biology focuses on the major themes of life. Topics of study include: cell structure and function, genetics, evolution, biochemistry, ecology and body systems. Laboratory investigations are an integral part of the student experience, including animal dissection. Biology Honors is a lab-based course aligned with the Next Generation Science Standards.

Prerequisite: Placement is based on standardized assessment scores from middle school, recommendation of 8th grade teachers and the Science Department Chair.

CHEMISTRY

SC3311(2), 1 Year, 1 Credit

Chemistry is a course that deals specifically with the nature of matter and the changes it undergoes. Students will improve their ability to observe accurately, organize information effectively, become adept at making valid conclusions, and improve their problem-solving skills. Qualitative and quantitative laboratory exercises are used to illustrate and emphasize principles. Topics of study include: Matter, Intermolecular Forces, Nuclear Chemistry, Chemical Reactions, The Mole and Stoichiometry, Thermochemistry, Reaction Kinetics and Equilibrium. This is a lab-based course that is aligned with Next Generation Science Standards.

Prerequisite: One year of high school science and one year of high school math.

CHEMISTRY HONORS

SC3021(2), 1 Year, 1 Credit

Chemistry Honors deals specifically with the nature of matter and the type of changes that matter can undergo. Topics covered will include atomic theory, thermodynamics, equilibrium, kinetics, acid-base, electrochemistry, and periodic properties. Chemistry Honors has a strong laboratory component designed to supplement each topic and is aligned with Next Generation Science Standards. Completion of this course prepares students to take AP Chemistry. This course is designed for college-bound students who are interested in medical, science or math careers.

Prerequisite: Geometry H or Integrated Alg/Geo, and Biology or Biology H, or approval of the Science Department Chair.

PHYSICS

SC4011(2), 1 Year, 1 Credit

Physics is the way in which we seek to understand the nature of the physical universe. Emphasis is placed on logical and mathematical analysis of theoretical and experimental situations. The concepts of physics are investigated and discovered in the laboratory followed by problem solving and graphical analysis. Among the topics studied are: measurement, motion, energy, Newton's Laws, and waves. Physics is a lab-based course aligned with the Next Generation Science Standards.

Prerequisite: Two years of high school science and two years of high school math.

PHYSICS HONORS

SC4021(2), 1 Year, 1 Credit

Physics Honors is a laboratory oriented course designed to give the student an overview of various areas of the physical universe. The laboratory experience is designed to permit the student to inquire into the nature of physical law, a process

which is transferable to any discipline. The student then applies these physical principles to in depth problem solving. Topics covered in this course include kinematics, dynamics, electricity, and magnetism. Physics Honors is a lab-based course aligned with the Next Generation Science Standards. This course will prepare students to enroll in AP Physics C.

Prerequisite: Chemistry or Chemistry Honors, and successful completion of Algebra II w/ Trigonometry or higher, or approval by Science Department Chair

AP BIOLOGY

SC5131(2), 1 Year, 1 Credit

AP Biology is a college-level approach to biology, building on the understanding of biology gained in previous courses. The class is designed to emphasize problem solving and inductive and deductive thinking in a laboratory setting. Students will do lab work in: metabolism respiration, photosynthesis, taxonomy, comparative anatomy, morphology, ecology, and evolution. This class includes dissection. This course prepares students for the Advanced Placement Examination in Biology. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Biology or Biology Honors, and Chemistry or Chemistry Honors, or with Science Department Chair approval.

AP CHEMISTRY

SC5031(2), 1 Year, 1 Credit

AP Chemistry is an enrichment course building on concepts gained in the first year of Chemistry. In addition, the course follows those objectives outlined in the standardized AP curriculum and, therefore, approximates college level general chemistry. Laboratory experiences are emphasized in exploring topics, which include analytical chemistry, kinetics, thermodynamics, oxidation-reduction, chemical equilibrium, and acid-base chemistry. Advanced concepts in chemical bonding, atomic theory, and introductory organic chemistry are also covered. This course prepares students for the Advanced Placement Examination in Chemistry. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. Students generally enroll in this course following Honors Chemistry, while concurrently taking Honors Physics.

Prerequisite: Chemistry or Chemistry H, and Algebra 2 with Trigonometry or higher.

AP ENVIRONMENTAL SCIENCE

SC5141(2), 1 Year, 1 Credit

AP Environmental Science (APES) will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships that exist within the natural world. Students will be required to identify and analyze environmental problems (both natural and human-made) in order to determine the relative risks associated with these problems and to ultimately seek solutions in resolving or preventing them. This course is interdisciplinary; it embraces diverse topics such as energy conversion, biogeochemical cycles, cultural and socioeconomic solutions to environmental problems, and the development and management of sustainable systems. Fieldwork, data analysis, and a laboratory component complement the readings and discussions in class. This course prepares students for the Advanced Placement Examination in Environmental Science. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Biology or Biology Honors, and Chemistry or Chemistry Honors, or with Science Department Chair approval.

AP PHYSICS C: Mechanics

SC5431(2), 1 Year, 1 Credit

The AP Physics C: Mechanics course focuses on classical mechanics, including topics in kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. Students in this course are expected to take the AP Physics C Mechanics test, as this is the culminating course experience and the avenue by which students can earn early college credit.

Prerequisite: Physics or Physics H, AP Calculus AB or BC (can be taken concurrently), Noncalculus students may enroll with permission of the Science Department Chair.

DUAL CREDIT INTRO TO HORTICULTURE 1100

SC5413, 1 Semester, 1/2 Credit

This course will cover the principles and practices of the development, production, and use of horticultural crops. This includes classification, structure, growth and development, environmental influences on horticultural plants, and vocational opportunities in the horticultural industries. This is a dual credit course through the College of DuPage. It is

offered at no cost and is transferable to many colleges and universities through a COD transcript.

Prerequisite: Two years of high school science or Science Department Chair approval.

DUAL CREDIT INTRO TO SUSTAINABLE URBAN AGRICULTURE 2300

SC5513 1 Semester, 1/2 Credit

This course covers the principles of sustainable agriculture for urban production. It includes the ethical, practical and scientific aspects of agricultural sustainability and addresses the economic, social and environmental impacts of food and urban farming. This is a dual credit course through the College of DuPage. It is offered at no cost and is transferable to many colleges and universities through a COD transcript.

Prerequisite: Two years of high school science or Science Department Chair approval.

ANATOMY & PHYSIOLOGY

SC4313, 1 Semester, 1/2 Credit

Anatomy & Physiology is designed for students interested in learning how the human body functions. Students will learn fundamental concepts of human anatomy and the inner workings of the body through hands-on and interactive activities. This course surveys the structure and function of the human body, covering basic topics and the major systems of the body such as skeletal, integumentary, muscular, nervous, endocrine, digestive, excretory, and cardiovascular systems. Students in Anatomy & Physiology will learn laboratory techniques common to the health field and will participate in animal dissection.

Prerequisite: Biology or Biology H

BIOTECHNOLOGY

SC4813, 1 Semester, 1/2 Credit

Biotechnology is a comprehensive semester class that introduces high school students to various biotechnology concepts. The ability to use and understand advanced laboratory equipment, new science concepts and career exploration will be emphasized throughout the semester. Some of the topics covered include: Bioinformatics, DNA Science (Forensics), DNA Sequencing, Microbiology, Pharmaceuticals, Genetic Disorders, Diseases and Cancer Research.

Prerequisite: Biology or Biology H, Chemistry or Chemistry H, or Science Department Chair Approval.

FIELD BIOLOGY/ECOLOGY

SC4111(2), 1 Year, 1 Credit

Ecology is a hands-on, field-oriented course where students learn about the diversity and interactions of living things within an environment. The focus will include organism interactions, but also specific adaptations of organism groups. This course offers an opportunity for students to engage in laboratory work and field work. Students use various outdoor study sites to make observations, collect data and make analysis. Students learn about the relationships between the human population and life-supporting environments. Students will gain a new perspective of the interrelatedness of our planet.

Prerequisite: Biology or Biology H

GEOLOGY AND ASTRONOMY

SC4613, 1 Semester, 1/2 Credit

Geology & Astronomy is a lab-based elective course that will introduce students to the study of nonliving earth systems, including plate tectonics, rocks and minerals and field geology, as well as the study of the universe. The astronomy segment will introduce students to astronomy within our solar system, as well as deep space astronomy.

Prerequisite: One year of high school science and one year of high school math.

OCEANOGRAPHY AND METEOROLOGY

SC4713, 1 Semester, 1/2 Credit

Oceanography & Meteorology is a semester-long elective course that focuses on the science behind the ocean, weather, and the connections between these two areas of science. Students will study the atmosphere and its effects on our weather, understand how to read and interpret weather data, and connect the physical and chemical properties of water to our weather and life on Earth.

Prerequisite: One year of high school science and one year of high school math.

PRINCIPLES OF ENGINEERING (PLTW)

SC1611(2), 1 Year, 1 Credit

Principles of Engineering (POE) is a foundation course of the high school PLTW engineering pathway. This course exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Students have the opportunity

to develop skills and understanding through activity-, project- and problem-based learning. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, students will hone their interpersonal skills, creative abilities, and problem solving skills.

Prerequisite: Introduction to Engineering Design or approval of Science and Engineering Department Chair.

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Social Studies Course Offerings

Based upon the Glenbard 87 mission to inspire and empower each student to become a critical thinker who engages as a global citizen, students are strongly encouraged to take a minimum of one course that centers history with a global perspective. These courses include World History, World History Honors, AP Human Geography, AP European History, and Contemporary World History.

Social Studies Recommended Course Sequence

	Core Courses		Electives
9TH GRADE	World History	World History Honors	
10TH GRADE	U.S Government & Politics (Semester)	AP Human Geography	American Law (Semester) Economics (Semester)
	Contemporary World History (Semester) Latin American History (Semester)	AP European History	
11TH GRADE	U.S. History	AP U.S. History	AP Seminar AP African-American Studies AP U.S. Gov. & Politics (Semester) AP Macroeconomics (Semester) AP Psychology American Law (Semester) Economics (Semester) Latin American History (Semester) Sociology (Semester) Psychology (Semester)
12TH GRADE		AP U.S. Gov. & Politics (Semester)	AP Seminar AP African-American Studies AP U.S. Gov. & Politics (Semester) AP Macroeconomics (Semester) AP Psychology Humanities Honors American Law (Semester) Economics (Semester) Latin American History (Semester) Sociology (Semester) Psychology (Semester)

WORLD HISTORY

SS1211(2), 1 Year, 1 Credit

World History studies the diverse cultures of the world as well as significant events from the first civilizations to the modern age so that students may better appreciate the story of humankind. By analyzing the contributions of past civilizations and investigating key periods in history, students can better understand the modern world. The course utilizes many primary and secondary sources to develop a global perspective and to foster growth in reading, writing,

critical thinking, and geography skills.

WORLD HISTORY HONORS

SS1221(2), 1 Year, 1 Credit

World History Honors chronicles human development from the earliest civilizations through the major conflicts of the first half of the 20th Century. By analyzing the political, economic, and social institutions of Western and non-Western societies as well as key historical events, students will better appreciate the diversity and development of the modern world. Using both primary and secondary sources, students will be challenged to develop their critical and creative thinking skills as well as their research, reading, and writing skills. This course goes into greater depth, moves at a faster pace, and presents students with more challenging reading and writing assignments. World History Honors will provide students with the necessary skills and knowledge to pursue AP/honors level courses in social studies.

Prerequisite: Placement is based on standardized test scores and the recommendation of 8th grade teachers and the Social Studies Department Chair.

U.S. GOVERNMENT AND POLITICS

SS4313, 1 Semester, 1/2 Credit

Students in U.S. Government and Politics will begin their study by examining classical political philosophies and explore the practical operations of government at the local, state, and national levels. Students will be encouraged to think critically about the role of individual citizens in the political process and are expected to engage in activities which involve active citizenship both in and outside of the classroom. Successful completion of this course fulfills the civics graduation requirement.

Prerequisite: Completion of one year of high school social studies.

CONTEMPORARY WORLD HISTORY

SS2011(2), 1 Semester, 1/2 Credit

Contemporary World History focuses on the modern world by investigating significant political, economic, and social developments since 1945. Students will explore the Cold War and the collapse of the Soviet Union, the rise of modern China, conflicts in the Middle East, and issues facing sub-Saharan African countries. By studying the world since 1945, students develop a historical perspective while analyzing current trends in today's world systems including global interdependence, terrorism, nuclear diplomacy, and human rights concerns. Students will use a variety of current events sources to further develop the reading, writing, and critical thinking skills introduced in their freshman World History course.

Prerequisite: Completion of one year of high school social studies.

AP EUROPEAN HISTORY

SS5031(2), 1 Year, 1 Credit

The AP European History course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods. Students in the course will also explore European history in the context of five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) so that students can make connections among historical developments in different times and places. Furthermore, students will develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning and argumentation) employed by historians when they study the past. Overall, by understanding some of the principal themes in modern Western history and by analyzing historical evidence and interpretation, students will be asked to express their historical understanding through writing. This course prepares students for the Advanced Placement Examination in European History. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of one year of high school social studies.

AP HUMAN GEOGRAPHY

SS5331(2), 1 Year, 1 Credit

AP Human Geography studies human behavior across the Earth. Its purpose is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Major units of study include population, migration, culture, religion, ethnicity, agriculture, and urban patterns. This course prepares students for the Advanced Placement Examination in Human Geography. Any student enrolled in an AP course is

expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of one year of high school social studies.

AMERICAN LAW

SS4613, 1 Semester, 1/2 Credit

Students examine current events and issues in the United States from a citizenship perspective. They focus on current legal issues and Supreme Court decisions that influence American society, politics, and economics. Students investigate these issues to understand their rights and responsibilities as American citizens. They gain a working knowledge of the American legal system as it applies to current events and issues in the United States. They develop critical thinking skills crucial to their effective exercise of citizenship rights and responsibilities.

Prerequisite: Concurrent enrollment or completion of Latin American History or Contemporary World History or an AP social studies course.

ECONOMICS

SS4213, 1 Semester, 1/2 Credit

This course introduces students to fundamental economic concepts, the basic principles of capitalism, and personal finance. Students study supply and demand, stocks, bonds, and mutual funds, interest rates and banking, unions and labor, taxes, monetary and fiscal policy, and international trade. Students will learn how to create a monthly budget and how to effectively build an investment portfolio. They also gain an overview of how our society and government make decisions which affect the future of our nation. This course fulfills the consumer education graduation requirement.

Prerequisite: Completion of Algebra 1 or higher. Also, concurrent enrollment or completion of Latin American History or Contemporary World History or an AP social studies course.

LATIN AMERICAN HISTORY

SS3213, 1 Semester, 1/2 Credit

Latin American History is a semester elective course that explores the Latin American experience from the pre-colonial period to contemporary 21st Century America. Students will explore Latin America's rich diversity that includes Mesoamerica, South America and the Caribbean. This exploration includes a cultural and historical perspective to better understand the experiences and processes that have shaped the region. Students will reflect on identity, independence movements, revolutions, Latin America's role in the world, and immigration issues based on analysis of primary sources such as films, music, literature, art and historical documents along with secondary sources. Students will discuss the multiple and changing identities of Latinos in America and analyze key events in 20th century Latin America to understand the context of the region in the world.

Prerequisite: Completion of one year of high school social studies.

AP SEMINAR

SS4023, 1 Year, 1 Credit

AP Seminar is a year-long interdisciplinary course that challenges students to think critically about contemporary world issues. Students will develop inquiry skills through writing, reasoning, and collaboration while exploring a variety of topics across multiple disciplines. Students will also practice developing research questions in preparation for AP Research class. As part of the AP Seminar course, students must complete a team project, an individual presentation, and a written examination. Students are encouraged to take AP Seminar and AP English Language and Composition as juniors and AP Research as seniors. Successful completion of the two year program will grant students the opportunity to earn an AP Capstone Certificate or Diploma. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of two years of high school social studies.

U.S. HISTORY

SS3011(2), 1 Year, 1 Credit

U.S. History is a survey course covering the history of the United States from the Colonial Period through the 20th Century. By examining the political, social, and economic roots, students will better understand the current developments that affect their lives. Students will expand their reading, writing, speaking, and critical thinking skills as they analyze primary and secondary historical materials and evaluate the ideals upon which the United States was built. Successful completion of this course fulfills the US History graduation requirement.

Prerequisite: Concurrent enrollment in English 3 or AP English Language and Composition

AP U.S. HISTORY

SS5131(2), 1 Year, 1 Credit

The AP U.S. History course covers U.S. history from 1491 to the present and focuses on seven themes which include

American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Students in APUSH will also develop historical thinking skills which include chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative. These skills will allow students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. This course prepares students for the Advanced Placement Examination in U.S. History. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. Successful completion of this course fulfills the US History graduation requirement.

Prerequisite: Concurrent enrollment in English 3 or AP English Language and Composition, or successful completion of U.S. History.

AP AFRICAN AMERICAN STUDIES

SS5111/2, 1 Year, 1 Credit

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. The course will conclude with a required student-led independent research project where students choose a theme, issue, or development related to African American Studies. The resulting paper will be submitted as part of the AP exam for the course.

Prerequisite: Successful completion of two years of high school social studies or with Social Studies Department Chair approval.

AP U.S. GOVERNMENT AND POLITICS

SS5033, 1 Semester, 1/2 Credit

Students develop a critical perspective on politics and government in the United States. They study general concepts used to interpret American politics, and they examine various institutions, groups, beliefs, and ideas which make up the American political reality. Students focus on the philosophical basis for the Constitution, citizens' political beliefs and behavior, political parties and interest groups, the institutions and processes of national government, and civil rights and civil liberties. This course prepares students for the Advanced Placement Examination in U. S. Government and Politics. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. Successful completion of this course fulfills the civics requirement for graduation.

Prerequisite: Successful completion of two years of high school social studies or with Social Studies Department Chair approval.

AP MACROECONOMICS

SS5433, 1 Semester, 1/2 Credit

The purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Concepts such as supply and demand, unemployment, inflation, gross domestic product are understood in light of fiscal policy, monetary policy, and foreign exchange rates by exploring the role of the Federal Reserve Bank. Students engage in decision making processes to create an environment where high employment, stable prices and a higher standard of living are achievable. This course prepares students for the Advanced Placement Examination in Macroeconomics. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit. This course also satisfies the consumer education graduation requirement.

Prerequisite: Successful completion of two years of high school social studies or with Social Studies Department Chair approval.

AP PSYCHOLOGY

SS5231(2), 1 Year, 1 Credit

AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the basic concepts and principles of psychology such as sensation and perception, human development, learning and cognition, as well as personality, social and psychological disorders. They also explore the history of psychology as well as ethics and research techniques. This course prepares students for the Advanced Placement Examination in Psychology. Any student enrolled in an AP course

is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of two years of high school social studies or with Social Studies Department Chair approval.

SOCIOLOGY

SS4113, 1 Semester, 1/2 Credit

Sociology is the study of people in groups. Students will learn the structure, function, and behavior of human society. Special emphasis is placed on the interaction between society and its members and how the individual is affected by society. Topics include social institutions, gender issues, marriage and the family, adolescence, the adult world, mass media, and deviance, discrimination and inequality. Students will design and conduct a social research project.

Prerequisite: Completion of two years of high school social studies.

PSYCHOLOGY

SS4013, 1 Semester, 1/2 Credit

Psychology is the scientific study of human behavior and mental processes. Students investigate the scientific explanation of the "how" and "why" of behavior, particularly of their own behaviors. Topics studied include learning process, emotional development, the physiology of the brain and body development, learning and memory, personality, sensation, perception, psychological disorders, and other factors which affect individual human development.

Prerequisite: Completion of two years of high school social studies.

HUMANITIES HONORS

SS4021(2), 1 Year, 1 Credit

Humanities is the study of the art, literature, music, history, philosophy and religions of both Eastern and Western civilizations from ancient civilization to modern society. Students will be led to investigate, question, and discuss past human achievements as illuminations of the present. Field trips to cultural events will be essential parts of the curriculum, along with independent study projects. The course is designed to give students a broad cultural background before they begin to specialize in college level work, and to give students the opportunity to develop reasoning skills and to practice independent thinking. This is a college preparatory course which offers honors social studies credit.

Prerequisite: Successful completion of U.S. History, or AP U.S. History.

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Speech Arts Course Offerings

Speech Arts Recommended Course Sequence

	Media	Speech	Theatre
Entry Level Courses	Film Study 1 Video Production 1	Speech Debate 1	Acting Design for Theatre Stagecraft Theatre
Intermediate Courses	Film Study 2 Video Production 2	Debate 2	Acting & Directing 1 Acting & Directing 2
Capstone Courses		Dual Credit Fundamentals of Speech Communication 1100	

ACTING

SP2213, 1 Semester, 1/2 Credit

Sharpening the actor's ability to use their tools - body, voice, and imagination - is the chief goal of this course. Activities focusing on acting, play-writing, and production skills will help to build the theatre artist's repertoire. Some work in improvisation supplements the scene and monologue work. This course may be repeated each year/each semester for additional credit, as each semester, a different acting style, genre or period of theatre history will be explored. This

course fulfills the speech requirement for graduation. This course is repeatable for credit.

ACTING AND DIRECTING 1

SP3011, 1 Semester, 1/2 Credit

Students who have had success and enjoyment in the Acting class can elect to take this course. Refine and sharpen skills in acting to a higher degree. Build skills in directing techniques to an even higher degree: concept development, staging, and how to work with actors. Learn about college programs focusing on theatre. Explore employment opportunities in professional theatre – both traditional and non-traditional career options. This course is repeatable for credit, and fulfills the speech requirement for graduation.

Prerequisite: Successful completion of two years of high school English and Acting, or Fine Arts Department Chair approval.

ACTING AND DIRECTING 2

SP3012, 1 Semester, 1/2 Credit

Higher levels of acting skills will be developed and the opportunity to direct scenes will be available by putting into action the techniques explored in Acting and Directing 1. This course is repeatable for credit, and fulfills the speech requirement for graduation.

Prerequisite: Successful completion of two years of high school English and Acting or Fine Arts Department Chair approval.

DEBATE 1

SP3013, 1 Semester, 1/2 Credit

Students will develop and improve argumentative and critical-thinking skills in various debate settings. Topics include making credible claims, analysis of evidence, development of sound oral reasoning, proper methods of refutation, parliamentary procedure, and other forms of facilitation of argumentation in group situations that one might find in law, business, medicine, and governance. Through participation in various types of in-class debates and forums on current topics, students engage in research, discover new perspectives on issues, and formulate propositions as they apply to societal, political, community and personal decision-making. This course fulfills the speech requirement for graduation.

DEBATE 2

SP4013, 1 Semester, 1/2 Credit

Students will build upon their understanding of debate with a higher level of debate experiences including Cross Examination Debate, Student Congress, Public Forum Debate, and Mock Trial. A central focus of this course will develop one's understanding of responsible and civil debate while examining one's own philosophy, and recognizing and responding to logical fallacies and reasonings reflective of differing points of view. This course is repeatable for credit.

Prerequisite: Successful completion of Debate 1.

DESIGN FOR THEATRE

SP2613, 1 Semester, 1/2 Credit

Students may choose to explore an overview of the design areas of the theatre, or the student may take this course as an independent study of specialized interest through the functions and responsibilities of the various areas of theatrical design - scenery, lighting, sound, stage management, props, publicity, costumes, hair/make-up, special effects, projection mapping design, etc. Emphasis is on the effective use of line, color, light, and space in designing a concept that is both functional and artistic. This course is repeatable for credit.

FILM STUDY 1

SP2513, 1 Semester, 1/2 Credit

A course for all students who love movies, this class investigates the nature of film as an artistic means of communication. By watching numerous films in class, students will focus on motion picture history, film analysis, science/technology of movie-making, and film appreciation. As some films discussed in class contain mature content, a list of films consumed in class will be provided for families at the beginning of the semester, and changes from semester to semester.

FILM STUDY 2

SP2523, 1 Semester, 1/2 Credit

A course for students who successfully complete Film Study 1, this class further investigates the nature of film as an artistic means of communication. By watching numerous movies in class, students will focus on motion picture history, film analysis, science/technology of movie-making, and film appreciation. As some films discussed in class contain mature content, a list of films consumed in class will be provided for families at the beginning of the semester and will change from semester to semester. Students will have the opportunity to apply the practices explored in a film short. This course is repeatable for credit.

Prerequisite: Film Study 1

DUAL CREDIT FUNDAMENTALS OF SPEECH COMMUNICATION 1100 SP3313, IAI C2900, 1 Semester, 1/2 Credit

This college-level oral communication course combines communication theory with the practice of oral communication skills. The oral communication course: (1) develops awareness of the communication process; (2) provides intentional, organizational and expressive strategies; (3) promotes understanding of and adaptation to a variety of communication contexts; and (4) emphasizes critical skills in listening, reading, thinking and speaking. Students are expected to prepare and deliver substantive speeches, including both informative and persuasive assignments delivered extemporaneously. This is a dual credit course through the College of Dupage and is designed to fulfill general education requirements, and not designed as a prerequisite for any other college Speech course. Speech 1100 is offered at no cost, is a part of the Illinois Articulation Initiative, and is widely transferable to many colleges and universities through a COD transcript. This course fulfills the speech requirement for graduation.

Prerequisite: At least 4 semesters of high school with a cumulative unweighted GPA of 2.6/4.0.

SPEECH

SP1013, 1 Semester, 1/2 Credit

Students examine the various components of the communication process to help them develop confidence in public speaking. Special attention is given to voice and diction, finding and using materials, speech organization, and nonverbal delivery. Students engage in a variety of projects and oral presentations involving interpersonal, group, and public communication processes. Students are required to give personal, informative, and persuasive speeches to name a few. This course is strongly recommended for those students who plan on a career that necessitates public speaking or interpersonal communication. This course fulfills the speech requirement for graduation.

THEATRE

SP1023, 1 Semester, 1/2 Credit

This course teaches the art of communication through the study of dramatic performance and production. Students study theatre and the development of acting styles and techniques. Students read and analyze the structure and composition of plays and monologues, as well as critically view performances. Students learn how to use their voice and body language to communicate effectively through a variety of performance activities, such as improvisation, pantomime, monologue, and scene work. This course fulfills the speech requirement for graduation.

STAGECRAFT

SP2113, 1 Semester, 1/2 Credit

Students will explore scene design, construction, painting, lighting, sound effects, property construction, and special effects. A large part of this course involves learning how to use the various power tools in the scene shop. Find out how these parts come together as you work on the current theatre productions. This course is repeatable for credit.

VIDEO PRODUCTION 1

SP2413, 1 Semester, 1/2 Credit

Students will produce their own video projects using storytelling, screenwriting, film, and sound production techniques. Students will work in both collaborative and independent roles to produce, shoot, and edit a variety of video projects. Students will work with film, lighting, and sound equipment, where they will be responsible for collecting footage outside of class.

VIDEO PRODUCTION 2

SP2713, 1 Semester, 1/2 Credit

This course is for students who have already participated in Video Production or have substantial knowledge and experience in filmmaking. We will explore more advanced cinematic techniques regarding cinematography, film direction, lighting, sound, and editing. This course will have access to more advanced filmmaking equipment and raise the level of production value for their work. Each student will explore their own particular style and filmmaking techniques. These students will also be presented with film opportunities for filming outside of class. This course is repeatable for credit.

Prerequisite: Video Production 1 or Fine Arts Department Chair approval.

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Technology and Engineering Course Offerings

Technology and Engineering Recommended Course Sequence

	Electronics	Engineering	Woods
Entry Level Courses	Intro to Electronics	Intro to Engineering Design Game Design & Theory Engineering Graphics 1	General Woods
Intermediate Courses	Electronics	Principles of Engineering Engineering Graphics 2 Engineering Design & Development	Advanced Woodworking

GENERAL WOODS

IT1113, 1 Semester, 1/2 Credit

General woods is appropriate for any student who enjoys working with wood or has a career goal related to construction, carpentry or manufacturing. Students will learn the safe operation of many power tools and use them to construct well designed projects, simulating industry. This course is required for entrance into the Technology Center of DuPage Building and Machining programs.

ADVANCED WOODWORKING

IT2513, 1 Semester, 1/2 Credit

Advanced woodworking allows students to work on advanced projects through safe use of tools and equipment. Review of safety principles and practices is an essential transition into planning layouts, blueprint reading, drafting, the properties of various woods, jointing and fitting methods and applications, properties of glues and their applications, and the proper use of hand and power tools. Experiences in cutting, shaping, fitting, assembling and finishing wood products are carried through to installing hardware, such as hinges, catches and drawer pulls to include all steps of production. Students who enroll for the second semester will be working on different projects than semester 1. This course can be repeated and earn additional credit.

Prerequisite: General Woodworking

INTRODUCTION TO ELECTRONICS

IT1113, 1 Semester, 1/2 Credit

Introduction to Electronics is an entry level class and is designed for students with no previous experience in electronics. This project based class exposes students to skills and tools of the electronics and engineering fields. Students will learn how to read schematic diagrams and solder. Students will build multiple projects; all of which are yours to keep. This course will be meaningful for all students but especially those planning a career in physics, engineering, computer science or any other technical field.

ELECTRONICS

IT2813, 1 Semester, 1/2 Credit

Electronics explores alternating current through project-based experiences. Active A.C. components are studied, including: inductors, capacitors, transistors, and amplifiers. This course is ideal for those looking for careers in electrical engineering and computer science.

Prerequisite: Introduction to Electronics

ENGINEERING GRAPHICS 1

IT2313, 1 Semester, 1/2 Credit

Engineering Graphics 1 provides students with skills in basic drafting, spatial visualization, conceptual design, and the latest engineering software (AutoCAD 2018). Students will learn how to create orthographic projection, pictorials, dimensioning, assembly, and architectural drawings. Students will also print their 3D creations using 3D printers. This course is meaningful for students planning a career in any STEM related field, especially engineers and architects.

ENGINEERING GRAPHICS 2

IT2413, 1 Semester, 1/2 Credit

Engineering Graphics 2 uses AutoCAD and Building Information Modeling to design and create architectural drawings. Students will create 2D and 3D models to display mastery of architectural content.

Prerequisite: Engineering Graphics 1

GAME DESIGN AND THEORY

IT2313, 1 Semester, 1/2 Credit

Game Design and Theory is a beginner course aimed at teaching students the 3-Dimensional practical and conceptual framework of character and scene development for gaming. This course will use the Unreal Engine and Autodesk programs for content development. Concepts such as Lighting, Proportion, Flow, Anatomy, and Geometry will be used to enhance designs.

INTRODUCTION TO ENGINEERING DESIGN (PLTW)

IT1711(2), 1 Year, 1 Credit

Introduction to Engineering Design (IED) is a high school level foundation course in the PLTW Engineering Program. In IED students are introduced to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

PRINCIPLES OF ENGINEERING (PLTW)

IT1611(2), 1 Year, 1 Credit

Principles of Engineering (POE) is a foundation course of the high school PLTW engineering pathway. This course exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Students have the opportunity to develop skills and understanding through activity-, project- and problem-based learning. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, students will hone their interpersonal skills, creative abilities, and problem solving skills.

Prerequisite: Introduction to Engineering Design or approval of Science and Engineering Department Chair.

ENGINEERING DESIGN AND DEVELOPMENT (PLTW)

IT1711(2), 1 Year, 1 Credit

Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program, which utilizes the activity-project-problem-based (APPB) curriculum. Students work in teams to design and develop an original solution to valid open-ended technical problems by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Prerequisite: Introduction to Engineering Design and Principles of Engineering or AP Computer Science Principles, or approval of Science and Engineering Department Chair.

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Technology Center of DuPage Course Offerings

The Technology Center of DuPage is a cooperative effort between Glenbard District 87 and 14 neighboring school districts. The Technology Center of DuPage provides employability training in occupational programs designed to prepare students for successful transitions to postsecondary education and careers.

The Technology Center of DuPage programs are open to seniors and juniors (space permitting) who have demonstrated an interest and desire to pursue specialized training in a given vocational area. Students who enroll at the Technology Center of DuPage will attend for approximately 2 ½ hours each day during either the AM or PM session. A typical student schedule would include three regular classes, physical education and lunch at Glenbard and the course at the Technology Center of DuPage. Students are expected to fulfill their commitments to attend regularly and put forth their full efforts toward their chosen programs of study.

Glenbard District 87 commits to providing tuition and transportation to TCD. Students interested in enrolling in a TCD Program are encouraged to meet with their School Counselor as soon as possible to plan their other coursework to accommodate enrollment at TCD. Descriptions of all TCD Programs are available on the TCD Website: [TCD Programs](#).

World Languages Recommended Course Sequence

	French	Italian	Mandarin	Spanish
Entry Level Courses	French 1	Italian 1	Mandarin 1	Spanish 1 Spanish for Heritage Speakers 1
Intermediate Courses	French 2 French 3H	Italian 2 Italian 3H	Mandarin 2 Mandarin 3H	Spanish 2 Spanish 2H Spanish for Heritage Speakers 2H Spanish 3 Spanish 3H Spanish for Heritage Speakers 3H
Advanced Courses	French 4H	Italian 4H	Mandarin 4H	Spanish 4 Spanish 4H Spanish 5
Capstone Courses	AP French Language and Culture	AP Italian Language and Culture	AP Chinese Language and Culture	AP Spanish Language and Culture AP Spanish Literature

FRENCH

FRENCH 1

FL1011(2), 1 Year, 1 Credit

This course is designed for students without prior exposure to the French language. This introductory course begins to explore the French language and culture utilizing authentic resources. Students achieve novice-low to novice-mid proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak French.

FRENCH 2

FL2011(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in French 1. It continues to explore French language structures and culture utilizing authentic resources. Students achieve novice-mid to novice-high proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak French.

Prerequisite: Successful completion of French 1.

FRENCH 3H

FL3021(2), 1 Year, 1 Credit

This course applies the skills developed in French 1 and 2. It explores advanced French language structures and culture in depth utilizing authentic resources. Students achieve intermediate-low to intermediate-mid proficiency in listening, speaking, reading, and writing. This class is conducted in French.

Prerequisite: Successful completion of French 2.

FRENCH 4H

FL4021(2), 1 Year, 1 Credit

In this course students will expand their knowledge through a variety of media and cultural units utilizing authentic resources. Students achieve intermediate-mid to intermediate-high proficiency in listening, speaking, reading, and writing. This class is conducted entirely in French and precedes AP French Language and Culture.

Prerequisite: Successful completion of French 3 or French 3H.

AP FRENCH LANGUAGE & CULTURE

FL5031(2), 1 Year, 1 Credit

This course will explore culture in both contemporary and historical contexts through the six overarching themes designated by the College Board. Students achieve intermediate-high to advanced in listening, speaking, reading and writing. This class is conducted entirely in French. Students who earn a 4 or 5 on this AP exam and meet the

requirements set by the State of Illinois will be awarded the Illinois State Seal of Biliteracy. This course prepares students for the Advanced Placement Examination in French Language and Culture. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of French 3H. French 4H is recommended if available, but not required.

ITALIAN

ITALIAN 1

FL1511(2), 1 Year, 1 Credit

This course is designed for students without prior exposure to the Italian language. This introductory course begins to explore the Italian language and culture utilizing authentic resources. Students achieve novice-low to novice-mid proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Italian.

ITALIAN 2

FL2511(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Italian 1. It continues to explore Italian language structures and culture utilizing authentic resources. Students achieve novice-mid to novice-high proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Italian.

Prerequisite: Successful completion of Italian 1.

ITALIAN 3H

FL3521(2), 1 Year, 1 Credit

This course applies the skills developed in Italian 1 and 2. It explores advanced Italian language structures and culture in depth. Students achieve intermediate-low to intermediate-mid proficiency in listening, speaking, reading, and writing. This class is conducted entirely in Italian.

Prerequisite: Successful completion of Italian 2.

ITALIAN 4H

FL4521(2), 1 Year, 1 Credit

This course applies the skills developed in previous Italian courses. It explores advanced Italian language structures and culture in depth. Students achieve intermediate-mid to intermediate-high proficiency in listening, speaking, reading, and writing. This class is conducted entirely in Italian.

Prerequisite: Successful completion of Italian 3H.

AP ITALIAN LANGUAGE AND CULTURE

FL5431(2), 1 Year, 1 Credit

This course will explore culture in both contemporary and historical contexts through the six overarching themes designated by the College Board. Students achieve intermediate-high to advanced in listening, speaking, reading and writing. This class is conducted entirely in Italian. Students who earn a 4 or 5 on this AP exam and meet the requirements set by the State of Illinois will be awarded the Illinois State Seal of Biliteracy. This course prepares students for the Advanced Placement Examination in Italian Language and Culture. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of Italian 3H. Italian 4H is recommended if available, but not required.

MANDARIN

MANDARIN 1

FL1411(2), 1 Year, 1 Credit

This course is designed for students without prior exposure to the Mandarin language. This introductory course begins to explore the Chinese language and culture through a variety of authentic resources. Students achieve novice-low to novice-mid proficiency in listening, speaking, reading, and writing. This course is designed for non-native/non-heritage students; traditional and simplified characters are taught. The teacher and the students are expected to speak Mandarin.

MANDARIN 2

FL2411(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Mandarin 1. It continues to explore Chinese language and culture utilizing authentic resources. Students achieve novice-mid to novice-high proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Mandarin.

Prerequisite: Successful completion of Mandarin 1.

MANDARIN 3H

FL3421(2), 1 Year, 1 Credit

This course applies the skills developed in Mandarin 1 and 2. It explores advanced Chinese language structures and culture utilizing authentic resources. Students achieve intermediate-low to intermediate-mid proficiency. The teacher and the students are expected to speak Mandarin.

Prerequisite: Successful completion of Mandarin 2.

MANDARIN 4H

FL4421(2), 1 Year, 1 Credit

This course applies the skills developed in previous Mandarin courses. It explores advanced Chinese language structures and culture in depth. Students achieve intermediate-mid to intermediate-high proficiency in listening, speaking, reading, and writing. This class is conducted entirely in Mandarin.

Prerequisite: Successful completion of Mandarin 3H.

AP CHINESE LANGUAGE AND CULTURE

FL5411(2), 1 Year, 1 Credit

This course will explore culture in both contemporary and historical contexts through the six overarching themes designated by the College Board. Students achieve intermediate-high to advanced in listening, speaking, reading and writing. This class is conducted entirely in Mandarin. Students who earn a 4 or 5 on this AP exam and meet the requirements set by the State of Illinois will be awarded the Illinois State Seal of Biliteracy. This course prepares students for the Advanced Placement Examination in Chinese Language and Culture. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of Mandarin 3H. Mandarin 4H is recommended if available, but not required.

SPANISH

SPANISH 1

FL1211(2), 1 Year, 1 Credit

This course is designed for students without prior exposure to the Spanish language. This introductory course begins to explore the Spanish language and culture through a variety of authentic resources. Students achieve novice-low to novice-mid proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

SPANISH 2

FL2211(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Spanish 1. It continues to explore Spanish language structures and culture using more advanced authentic resources. Students achieve novice-mid to novice-high proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 1.

SPANISH 2H

FL2221(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Spanish 1. It continues to explore Spanish language structures and culture using more advanced authentic resources. Students achieve novice-high to intermediate-low proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 1.

SPANISH 3

FL3211(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Spanish 2. It continues to explore Spanish language structures and culture using more advanced authentic resources. Students achieve novice-high to intermediate-low proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 2 or Spanish 2H.

SPANISH 3H

FL3221(2), 1 Year, 1 Credit

This course applies the skills developed in Spanish 2H. It explores advanced Spanish language structures and culture utilizing authentic resources. Students achieve intermediate-low to intermediate-mid proficiency. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 2H.

SPANISH 4

FL4211(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Spanish 3. It continues to explore Spanish language structures and culture using more advanced authentic resources. Students achieve intermediate-low to intermediate-mid proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 3 or Spanish 3H.

SPANISH 4H

FL4222(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Spanish 3H. It continues to explore Spanish language structures and culture using more advanced authentic resources. Students achieve intermediate-mid to intermediate-high proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 3 or Spanish 3H.

SPANISH 5

FL4113(2), 1 Year, 1 Credit

This course builds on the communicative skills developed in Spanish 4. It continues to explore Spanish language structures and culture using more advanced authentic resources. Students achieve intermediate-mid to intermediate-high proficiency in listening, speaking, reading, and writing. The teacher and the students are expected to speak Spanish.

Prerequisite: Successful completion of Spanish 4 or Spanish 4H.

AP SPANISH LANGUAGE & CULTURE

FL5231(2), 1 Year, 1 Credit

This course will explore culture in both contemporary and historical contexts through the six overarching themes designated by the College Board. Students achieve intermediate-high to advanced in listening, speaking, reading and writing. This class is conducted entirely in Spanish. Students who earn a 4 or 5 on this AP exam and meet the requirements set by the State of Illinois will be awarded the Illinois State Seal of Biliteracy. This course prepares students for the Advanced Placement Examination in Spanish Language and Culture. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of Spanish 3H. Spanish 4H is recommended if available, but not required

SPANISH FOR HERITAGE SPEAKERS 1

FL1311(2), 1 Year, 1 Credit

This course is specifically designed for those students who speak Spanish at home and have a cultural connection to the language. Students will study the basic structure and rules of the Spanish language and foundational grammar, spelling and punctuation will be taught. This course will focus on building students' existing listening and speaking skills while developing reading and writing skills. Students are expected to achieve novice to intermediate proficiency in listening, speaking, reading and writing.

Prerequisite: Placement is based on standardized test scores and the recommendation of 8th grade teachers and the World Language Department Chair.

SPANISH FOR HERITAGE SPEAKERS 2H

FL2311(2), 1 Year, 1 Credit

This course is specifically designed for those students who speak Spanish at home and have a cultural connection to the language. Students will begin to study advanced structures and rules of the Spanish language. This course will focus on building students' existing listening and speaking skills while strengthening reading and writing skills. Students are expected to achieve intermediate proficiency in listening, speaking, reading and writing.

Prerequisite: Successful completion of Spanish For Heritage Speakers 1, or placement is based on standardized test scores and the recommendation of 8th grade teachers and the World Language Department Chair.

SPANISH FOR HERITAGE SPEAKERS 3H

FL3311(2), 1 Year, 1 Credit

This course is specifically designed for those students who speak Spanish at home and have a cultural connection to the language. Students will utilize advanced structures and rules of the Spanish language. Students are expected to achieve intermediate to advanced proficiency in listening, speaking, reading and writing.

Prerequisite: Successful completion of Spanish For Heritage Speakers 2, or placement is based on standardized test

scores and the recommendation of the World Language Department Chair.

SPANISH FOR HERITAGE SPEAKERS 4H / AP SPANISH LANGUAGE & CULTURE FL4311(2), 1 Year, 1 Credit

This course will explore culture in both contemporary and historical contexts through the six overarching themes designated by the College Board. Students achieve intermediate-high to advanced in listening, speaking, reading and writing. This class is conducted entirely in Spanish. Students who earn a 4 or 5 on this AP exam and meet the requirements set by the State of Illinois will be awarded the Illinois State Seal of Biliteracy. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of Spanish For Heritage Speakers 3H.

AP SPANISH LITERATURE & CULTURE

FL5331(2), 1 Year, 1 Credit

This course is specifically designed for students who have developed an interest in literature and writing. A selection of activities will often be encouraged during the summer preceding the course. The course offers students varied opportunities to develop proficiency in Spanish across a range of skills, with emphasis on critical reading and analytical writing. It also encourages students to reflect on many voices and cultures as they read a rich and diverse body of literature written in Spanish, from Peninsular Spain, Latin America, and the United States as recommended by College Board. Students achieve intermediate-high to advanced in listening, speaking, reading and writing. Students who successfully complete this course and the AP Spanish Literature and Culture exam may receive college credit and/or higher placement in college. This course prepares students for the Advanced Placement Examination in Spanish Literature and Culture. Any student enrolled in an AP course is expected to take the course AP exam in May, as this is the culminating course experience and the avenue by which they can earn early college credit.

Prerequisite: Successful completion of AP Spanish Language and Culture or recommendation of the World Language Department Chair.

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College and Career Pathways

with AP and Dual Credit Experiences

Students should consider taking capstone courses related to their postsecondary interests informed by the results from their **SchoolLinks “Find Your Path.”** Selecting the right courses not only prepares students for life after high school, but also creates opportunities for students to challenge their academic abilities. Students should consider their interests, talents, and future career goals when selecting courses. Selecting courses aligned to your postsecondary plan increases the likelihood of accomplishing college and career goals. Many careers can be enhanced by being bilingual.

Examples of potential careers below are career aspirations that Glenbard students identified in SchoolLinks. Visit SchoolLinks for more information related to career aspirations and potential careers. Any questions about courses, requirements, or career interests, should be directed to the school counselor.

Arts, A/V Technology & Communications Pathway

Course Name	Potential Careers
AP 2-D Art and Design AP 3-D Art and Design AP Art History AP Computer Science Principles AP Drawing AP English Literature and Composition AP Music Theory AP Psychology DC Fundamentals of Speech Communications 1100	Acting, Advertising & Marketing, Art & Animation, Art Direction, Art Education, Fashion Design, Fine Art, Graphic Design, Interior Design, Multimedia Art & Animation, Music Performance, Music Education, Photography, Web Design, Writing

Agriculture, Food & Natural Resources Pathway

Course Name	Potential Careers
AP Macroeconomics DC Intro to Horticulture 1100 DC Intro to Sustainable Urban Agriculture 2300	Landscape Architecture, Sustainability

Business Management & Administration Pathway

Course Name	Potential Careers
AP Macroeconomics AP Psychology AP Statistics DC Entrepreneurship	Advertising & Marketing, Business Administration, Business Management, Entrepreneurship, Personal Financial Advising

Education & Training Pathway

Course Name	Potential Careers
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AP Psychology DC Intro to Education 1100 DC School Procedure 1101	Coaching & Scouting, Early Childhood & Elementary Education, High School Education, Preschool Teaching, Special Education Teaching
Finance Pathway	
Course Name	Potential Careers
AP Macroeconomics	Advertising & Marketing, Business Administration, Business Management, Entrepreneurship, Personal Financial Advising
Government & Public Administration Pathway	
Course Name	Potential Careers
AP African American Studies AP European History AP Human Geography AP Psychology AP U.S. History AP U.S. Government and Politics	Geography, Politics & Government, Practicing Law
Health Science Pathway	
Course Name	Potential Careers
AP Biology AP Chemistry AP Psychology	Athletic Training, Biochemistry & Biophysics, Biomedical Engineering, Dentistry, Forensic Science Tech, Medical Practice and Surgery, Medicine, Pharmacy, Physician Assistant, Physical Therapy, Registered Nursing, Science Education, Veterinary Science, Zoology & Wildlife Biology
Human Services Pathway	
Course Name	Potential Careers
AP Psychology	Mental Health, Marriage, & Family Counseling, Psychologist, Substance Abuse & Behavioral Counseling, Social Work
Information Technology Pathway	
Course Name	Potential Careers
AP Computer Science A AP Computer Science Principles AP Macroeconomics	Computer Hardware Engineering, Computer Programming, Information Security Analysis, Software Development, Web Design
Law, Public Safety, Corrections, & Security Pathway	

Course Name	Potential Careers
AP Psychology AP U.S. Government and Politics AP U.S. History	Politics & Government, Practicing Law
Marketing Pathway	
Course Name	Potential Careers
AP Macroeconomics AP Psychology DC Entrepreneurship	Accounting & Auditing, Project Management, Advertisement & Marketing Management, Business Management, Entrepreneurship, Financial Management, Investment Sales & Trading, Market Real Estate, Real Estate Assessment, Research Analysis
Science, Technology, Engineering, & Mathematics Pathway	
Course Name	Potential Careers
AP Biology AP Calculus AB AP Calculus BC AP Chemistry AP Computer Science A AP Computer Science Principles AP Environmental Science AP Macroeconomics AP Physics C: Mechanics AP Psychology AP Statistics DC Intro to Horticulture 1100 DC Intro to Sustainable Urban Agriculture 2300 DC Multivariable Calculus	Aerospace Engineering, Airline & Commercial Flying, Athletic Training, Biochemistry & Biophysics, Biomedical Engineering, Data Science, Dentistry, Environmental Engineering, Environmental Science, Forensic Science Tech, Mathematics, Landscape Architecture, Mathematics, Medical Practice and Surgery, Mechanical Engineering, Medicine, Pharmacy, Physical Therapy, Physician Assistant, Physics & Astronomy, Real Estate, Registered Nursing, Statistics, Sustainability, Veterinary Science, Zoology & Wildlife Biology
General College Education Course Work Can be applied to a 2 or 4 year college degree	
AP English Language and Composition DC English Composition 1101 DC English Composition 1102 DC Fundamentals of Speech Communications 1100	General College Education Coursework
DC Math 1218	General College Education Coursework for non-STEM majors
AP Seminar AP Research	Academic research skills will be developed that can be applied to a variety of industries and careers.
World Languages Courses	

AP Chinese Language and Culture AP French Language and Culture AP Italian Language and Culture AP Spanish Language and Culture AP Spanish Literature and Culture	Developing a mastery in another language and exposure to other cultures are broad skills that can be applied to a variety of industries and careers.
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