

***PRIDE
TRADITION
EXCELLENCE***

Glenbard West High School



ENROLLMENT HANDBOOK

A Guide for Students and Parents

2018 - 2019

Prospective Glenbard West High School Students,

I would like to welcome you to Glenbard West and share this comprehensive enrollment handbook that will assist you in course selection and your overall high school experience. I encourage you to think of this handbook as a guide to helping you select your courses and chart your path through high school. After all, the classes you take at Glenbard West are important and play a major role in preparing you for college and life beyond high school. Like any comprehensive high school, West maintains a wide range of offerings that will not only strengthen your academic foundation but also help you to discover your passions. As a school, we are proud of the courses described in this handbook and confident that we represent the very best of what a high school offers.



As you may know, counselors play a big role providing guidance and recommendations when it comes to course enrollment. When we meet with incoming freshmen, we emphasize the overall importance of the high school years. The choices you make will influence the opportunities for the future. At Glenbard West, we always emphasize taking courses that will challenge you and improve learning opportunities. We believe that taking difficult courses will not only expand your opportunities, but also prepare you for college-level courses.

As you review this handbook with your parents and counselors, take time to consider which path makes the most sense for you. Being independent and taking ownership is what high school is all about.

I look forward to meeting you when you start your journey with Glenbard West.

Sincerely,

Dr. Peter Monaghan



GLENBARD WEST HIGH SCHOOL
670 Crescent Boulevard; Glen Ellyn, IL 60137

ENROLLMENT HANDBOOK
2016-2017

TELEPHONES

Switchboard..... 630-469-8600

Attendance Office 630-942-7480

FAX..... 630-469-8615

INTERNET

www.glenbardwesths.org



EMERGENCY SCHOOL CLOSING

If weather or another emergency makes it necessary to close the high school, this information will be sent to metropolitan radio and television stations. Please listen for their announcements to find out if the school will be closed. The high school will be identified as Glenbard West High School, District 87. In addition, the closing will be posted on our website – www.glenbardwesths.org

Any additional early dismissals and/or late arrivals will be announced by the Principal's Office.

BOARD OF EDUCATION

Mr. Richard Heim - President
Term Expires April 2021

Ms. Mary Ozog - Vice-President
Term Expires April 2019

Mr. Robert Friend - Parliamentarian
Term Expires April 2021

Ms. Jennifer Jendras
Term Expires April 2021

Ms. Judith Weinstock
Term Expires April 2021

Ms. Margaret DeLaRosa
Term Expires April 2019

Ms. Martha Mueller
Term Expires April 2019

DEPARTMENT CHAIRS

<u>Department</u>	<u>Chair</u>	
Art	Mr. Jonathan Walsh	942-7451
Business	Ms. Abbey Skidmore	942-7503
Driver Education	Ms. Janeé Hallahan	942-7408
English	Mr. Ben Peterselli	942-7520
Family and Consumer Science	Ms. Abbey Skidmore	942-7503
Technology and Engineering	Mr. Sean Byrne	942-7510
Mathematics	Ms. Melissa Williams	942-7422
Music	Mr. Jonathan Walsh	942-7451
Physical Ed/Health Science	Ms. Janeé Hallahan	942-7408
	Mr. Sean Byrne	942-7510
Social Studies	Ms. Kristin Brandt	942-7409
Special Education	Ms. Jeanne Keefe	942-7442
Speech	Mr. Jonathan Walsh	942-7451
World Languages	Ms. Lisa Alajoki	942-7528

ADMINISTRATIVE STAFF

Dr. Peter Monaghan 942-7473
Principal

Dr. Rebecca Sulaver 942-7470
Assistant Principal for Instruction

Ms. Linda Oberg 942-7465
Assistant Principal for Operations

Mr. Chris Mitchell 942-7461
Assistant Principal for Student Services

Mr. Joe Kain 942-7550
Assistant Principal for Athletics

Mr. Michael Souza 942-7479
Dean of Students

Ms. Sharon Ruff 942-7478
Dean of Students

Ms. Stacy Scumaci 942-7477
Dean of Students

Mr. Steve Miko 942-7463
Police Liason

Mr. Mark Guerrero 942-7527
Police Liaison

School Counseling Office

Mr. Jeremiah Wiencek 942-7490
Director of School Counseling

Mr. Tony Bergantino 942-7485

Ms. Kate Culloton 942-7733

Mr. Tad Keely 942-7488

Ms. Chris Lubiniecki 942-7486

Mr. Mike Neberz 942-7491

Ms. Natalie Rubino 942-7489

Ms. Rhiannon Sieck 942-7487

Note: School district employees may be contacted by e-mail using the following format: first name followed by _ (underline) followed by last name followed by glenbard.org.
For example, to contact the Principal, e-mail peter_monaghan@glenbard.org.

HISTORY ON A HILLTOP

Glenbard West is the original Glen Ellyn High School, an institution dating back to September 1915, when the Illinois State Superintendent of Education gave approval for the Village of Glen Ellyn to initiate a high school program. On October 4, over fifty scholars assembled in the DuPage County Bank to adopt a charter, and Glen Ellyn High School was officially started.

It soon became apparent, however, that this Glen Ellyn high school location, at Main Street and Crescent Boulevard was not sufficient. In 1919, twenty-five acres on Honeysuckle Hill were purchased for \$8000. At that time, this site consisted of “a wild patch of weeds and trees; the present parking lot was just a deep ditch.” Lake Ellyn, which then covered the present football field, was purchased for an additional dollar. Plans were begun for a school which would include the students from the neighboring village of Lombard, a combination which gave rise to the name “Glenbard.” In 1922, construction on the present building was started in early spring and the cornerstone laid on September 19.

This new Glenbard High School was designed to fit the uniquely beautiful location by the firm of Coolidge and Hodgeson, the architects who planned Chicago’s Art Institute and the Chicago Public Library. The structure was erected in the English Collegiate architectural style with walls of red brick and Bedford stone trim, one of its more distinctive features, along with the former leaded window panes set in stone. These same windows remained in use until increasing cost of maintenance and heating forced their replacement with simulated but attractive leaded glass windows.

Situated on a hill overlooking Lake Ellyn, Glenbard West is often compared to a college campus and has been described frequently as one of the most attractive high school campuses in the United States. Hollywood agreed, for it was this feature that attracted Twentieth Century Fox to shoot a full-length feature film on our campus in 1985 entitled *Lucas*.

The original Glenbard structure has continued to expand in response to the growth of our communities. In 1926, the first addition was completed. The auditorium was finished in 1931, and the girls’ gymnasium in 1936. The east wing was added to the building in 1953. Biester Gymnasium was built in 1958. In 1959, Glenbard East High School was built in Lombard, and the original school, Glenbard, assumed its present name of Glenbard West High School. The new field house, addition to Biester Gymnasium, and the relocated Elliott Library saw construction completed in the Fall of 2000. Finally, in 2016, Glenbard West made major improvements with air conditioning added throughout the building and the addition of a 28,00 square foot wing on the east side of the building. The campus addition added eight Science labs, an interactive roof top space and an upgraded maintenance and loading dock. Over the years, Glenbard West, with the support of our district and community, has continued to improve to meet the instructional needs of our students.

In 1966, the graduating seniors joined the Class of 1960 in presenting to the school a large bronze bell which has been placed high atop the hill overlooking the lake. Rung after athletic victories, as part of special celebrations, and at the conclusion of all commencement ceremonies, this lovely sound has deepened the sense of continuity and tradition upon which Glenbard West is founded.

Glenbard West High School is widely recognized as one of the most successful and vital high schools in Illinois. Serving communities which have consistently demonstrated their support of education and interest in the welfare of their students, Glenbard West has achieved distinction for its academic programs and its wide variety of student activities. In 1981, Glenbard West was cited as one of the top ten high schools in the Chicago area and was chosen by OMNI magazine in 1985, as one of seventy-five “schools of the future.” In April 2002 Glenbard West was named by Chicago Magazine as one of “Chicago’s Best High Schools”, and in May 2013 by “The Washington Post” as one of America’s Most Challenging High Schools.

Although the name and size of our school has changed over the years, it still retains its affectionate title of “The Castle on the Hill,” a campus of great beauty serving as home for a comprehensive high school with outstanding opportunities for all its students.



Images © Craig Dugan Photography

Mission *We are a community committed to inspiring and empowering all learners to succeed.*

Vision *Our district is a safe, caring, collaborative community of schools whose students are:*

*Knowledgeable People
Critical Thinkers
Effective Communicators
Quality Producers
Collaborative Workers
Responsible Individuals/Citizens
who commit to a greater good, diverse, and global world.*

Inspire... Empower... Succeed

Core Values

Learner Focus: *We will make decisions in the best interests of our students. We believe that students should be responsible for their own learning. We believe that essential assessment information drives instruction.*

Learning Community: *We recognize that everyone shares in the responsibility of creating a safe, nurturing environment in which students are supported and encouraged to learn. We recognize that a partnership with parents and community enhances our success. We acknowledge all members have intrinsic value.*

Quality Employees: *We recognize that our ability to attract and retain quality employees enhances the attainment of our mission and vision.*

Continuous: *We are committed to continual improvement. Learning is an empowering, lifelong process.*

Innovation/ Training: *We believe that continued learning for faculty and staff keeps the district current, leading-edge, aligned to best practices, and better equipped to ensure our mission and vision. We know that technology can enhance both teaching and learning.*

Data-Driven: *We must use data to drive decisions, inform instruction, and/or evaluate key processes and results.*

Accountability: *Individuals must be accountable for their performance, decisions, and actions that follow.*

Communication and Collaboration: *Effective communication and collaboration is vital to building understanding, relationships, and trust.*

Change: *As we move forward, being open to change is a risk worth taking.*

Resources: *We will align our resources of people, time and money to make progress.*

ESSENTIAL QUALITIES OF A GLENBARD GRADUATE

<p>Priority 1: Ensure success for every student through alignment of standards, assessment and instruction.</p> <ul style="list-style-type: none"> ♦Engage ALL students in problem-solving, critical thinking, and the capacity to construct knowledge while connecting curriculum to real world contexts. ♦Prepare students for successful transition into post-secondary education and careers through consistent course/learning targets, accurate common assessments, consistent use of best practice instructional strategies, and aligned staff development. ♦Develop strategies to provide students with opportunities to take responsibility for their own learning. These should include being able to articulate what they know and do not know, what they need to work on next, and how to set and assess their individual learning progress.
<p>Priority 2: Create a supportive, safe environment that inspires learning and encourages engagement with the school.</p> <ul style="list-style-type: none"> ♦Provide intervention strategies to address significant achievement gaps for African-American, Hispanic, English language learners, low income, and special education students. ♦Create personalized learning environments that challenge each student's academic, social, and emotional needs. Promote professional learning teams that make effective and efficient use of collaboration time. ♦Improve student attendance.
<p>Priority 3: Strengthen productive home/school/community partnerships for education.</p> <ul style="list-style-type: none"> ♦Develop two-way communication systems between the district office and parents/ community to be certain needs and requirements are clearly understood, addressed, and responded to in a timely way. Allow parent/ community input into decisions that impact them. ♦Engage all facets of the district community to establish a network of accountability that ensures progress toward achieving the district's shared vision. ♦Collect, report, analyze and act of satisfaction data on a regular basis from students, parents/community, and staff.
<p>Priority 4: Create a positive, collaborative, work environment dedicated to continuous improvement.</p> <ul style="list-style-type: none"> ♦Attract and retain a highly qualified staff that reflects the diversity of our students. Set clear expectations for all employees related to their overall job responsibilities and provide meaningful evaluation to celebrate strengths and provide opportunity for growth. ♦Collaborate among schools and district office to define district commonalities while allowing for individual school autonomy. ♦Develop two-way communication systems between the district office and all schools to be certain all needs and requirements are clearly understood, and responded to in a timely way. Allow staff input into decisions that impact them.
<p>Priority 5: Make efficient, effective, and equitable use of resources that are essential to the educational success of students.</p> <ul style="list-style-type: none"> ♦Develop a clear process to allocate financial resources aligned to strategic mission, vision, and priorities. ♦Increase staff, parents, and community awareness of the district's five-year financial forecast, and show how district financial data compares with high school districts in the area ♦Support appropriate use of technology to enhance teaching and learning.

GRADUATION REQUIREMENTS

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

Additionally, Illinois State School Code requires that all students take the SAT in order to receive a high school diploma from an Illinois public high school.

COURSES OF STUDY

CREDITS EARNED

Communication - Eight (8) semesters**4.0**

This requirement must include seven (7) semesters of English and one (1) semester of speech.

Social Studies - Six (6) semesters**3.0**

- a. Two (2) semesters of United States History. One (1) semester Civics including instruction in state and local government (U.S. Government & Politics or AP U.S. Government & Politics).
- b. Successful passing of an examination on the Constitution of the United States and the State of Illinois, the Declaration of Independence, and the Flag Code.
- c. Three (3) semesters of Social Studies electives.

Mathematics - Six (6) semesters.....**3.0**

All students must pass two (2) semesters of Algebra. Additionally, students must pass two (2) semesters of Geometry based mathematics.

Science - Six (6) semesters**3.0**

Students are strongly encouraged to take Biology, Chemistry and Physics.

Cultural Arts - One (1) semester**5**

This requirement may be met through art, music, world language, or speech arts. (Speech arts must be in addition to required speech listed in "Communication.")

Business, Life Studies and Technology - One (1) semester.....**5**

This requirement may be met through a course in Business Education, Computer Education, Family and Consumer Sciences, Technology and Engineering or the Technology Center of DuPage

Physical Education - Six (6) semesters**3.0**

Health Education - One (1) semester**5**

Driver Education - One (1) semester**5**

Consumer Education - One (1) semester.....**5**

This requirement can be taken in one of the following programs:

- a. Economics or AP Economics (Social Studies).
- b. Consumer Management (Business, Life Studies and Technology / Family and Consumer Sciences)
- c. SE Consumer Education

REQUIRED COURSES**18.5**

ELECTIVES.....**4.5**

TOTAL**23.0**

iPAD RENTAL-CURRICULUM FEE – There will be a \$189 charge per student iPad rental. This fee includes consumable instructional materials such as paperback novels; workbooks; etc.

ACADEMIC HONESTY

The atmosphere in each classroom should actively foster academic honesty. Academic dishonesty degrades the student's character and reputation and impedes the teaching-learning process. Any action intended to obtain credit for work which is not one's own is considered academic dishonesty. The action may include but not be limited to the following:

1. Submitting another student's work as one's own work.
2. Obtaining or accepting a copy of tests or scoring devices.
3. Giving or obtaining test questions or answers from a member of another class.
4. Copying from another student's test or computer file, or allowing another student to copy during a test or computer program.
5. Using materials/technologies which are not permitted during a test.
6. Plagiarizing (presenting as one's own material copied without adequate documentation from a published source).
7. Copying, or having someone other than the student prepare the student's homework, paper, project, laboratory report, computer program, or take home test for which credit is given.
8. Permitting another student to copy, or writing another student's homework project, report, paper, computer program, or take-home test.
9. Accessing restricted computer files without teacher authorization.
10. Copying materials, including computer software, in violation of the copyright law.



Images © Craig Dugan Photography

COMPREHENSIVE PROGRAM

The educational program provided by Glenbard West is comprehensive in nature. It provides for educational experiences through classroom instruction and through extra-curricular activities. The courses described in this handbook address individual as well as common needs and goals of Glenbard West students. Course content promotes knowledge, understandings, appreciations, attitudes, habits, and skills which are vital to a full life as a lifelong learner, a family member, a citizen in a democratic society, and a productive worker.

Placement for Incoming Freshmen

Incoming freshmen are placed in courses through a collaborative process that culminates in a meeting between their 8th grade teachers and Department Chairs from Glenbard West. Students are placed in courses based on their EXPLORE scores, MAP scores, and the recommendations of their 8th grade teachers.

Teacher Recommendations for Freshmen, Sophomores and Juniors

Each winter, teachers at Glenbard West recommend students for the courses in their curricular area for the subsequent year. Students can choose to waive the teacher recommendation and enroll in a different course, provided they have completed all prerequisite coursework. These decisions should be made after discussions with the student's teacher and School Counselor.

PROVISION FOR INDIVIDUAL DIFFERENCES

In addition to the efforts made by each teacher, Glenbard West attempts to meet the individual needs of students through ability grouping in social studies, English, mathematics, science, and world language. The student's permanent record indicates the levels of courses taken.

I. Honors Program

Honors courses challenge motivated students through enrichment of the course and acceleration of course content. Students who earn a "3," "4," or "5" in these classes earn weighted grades which are used in computing class rank. Honors courses are offered at West as four-year sequences in English, mathematics, science, and social studies. Selected honors courses are offered in the world languages, art, music, and social studies departments. The Explore Placement Test, administered in middle school, as well as performance levels and teacher recommendations are used to determine appropriateness for honors courses.

Advanced Placement Courses

An Advanced Placement course is an honors course which uses a syllabus approved by the College Board Advanced Placement Division. These courses are designated (AP) in this handbook. 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.

The following AP courses are offered at Glenbard West: AP English Language, AP English Literature, AP Seminar, AP Spanish Language, AP Spanish Literature, AP French, AP Calculus AB, AP Calculus BC, AP Statistics, AP Biology, AP Chemistry, AP Physics, AP Environmental Science, AP European History, AP U. S. History, AP Research, AP American Government, AP Comparative Government and Politics, AP Human Geography, AP Psychology, AP Mandarin, AP Music Theory, AP Studio Art, AP Art History, AP Computer Science A, AP Macroeconomics, and AP Microeconomics.

II. Core Program

The majority of students are enrolled in classes which offer excellent preparation either for college entrance or for entering a career field after high school. Some courses in the regular program are designed to provide students with more intensive instruction in skill development in reading, writing, speaking, studying, and computing.

IV. English Language Learners

This program meets the individual needs of students whose fluency in English is limited because it is not their native language. These students receive direct instruction in spoken and written English through an assigned class. They also receive tutorial help during other class periods or study halls as they need and request this assistance.

V. Independent Study

This study option is available for students who are motivated and mature, who have completed all preliminary/prerequisite course work in a given field of study, and who wish to pursue advanced work not available through established course offerings. Students who experience unusual and extraordinary difficulty in scheduling a course required for graduation may also pursue independent study.

VI. Special Education

Special Education provides a continuum of services to students who require specialized instructional techniques, additional structure, and increased support in order to be successful. These services include IEP accommodations and supports in general education courses, co-taught general education courses, and special education courses. Students may be identified as needing related services through evaluation protocol.

State of Illinois rules and regulations to govern the administration and operation of special education are observed by Glenbard West and District #87 to establish and maintain special education programs and services. Any questions should be directed to the chair of the Special Education Department.

VII. Courses Offered in Other Glenbard Schools

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

VIII. College of DuPage Articulated Credit

Students may earn College of DuPage credit for specific courses offered through the Art Department and the Business, Life Studies and Technology Department. This type of credit is identified in the description of each course. All articulation agreements were developed through deliberations between high school and college faculty; these specify conditions under which the credit may be granted.

A student may apply for articulated credit by following the procedures outlined on the form APPLICATION FOR ARTICULATED CREDIT, available at College of DuPage Testing Office.

CAUTION: While many four-year colleges and universities treat credit through articulation as any other credit on a College of DuPage transcript, others do not accept credit earned in this manner. Because each college sets its own policy regarding credit, students are responsible for checking with the college to which they will transfer about its policy.

IX. Extramural Credit Options

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. All programs must be part of an accredited institution and must meet the standards of the Illinois State Board of Education. All courses must have the pre-approval of the Director of School Counseling prior to enrollment. Only two of the four courses can be applied to Glenbard's graduation requirement. For additional information on this policy, please reference school board policy 6:310 at www.glenbard.net. Only two of the four courses can be applied to Glenbard's graduation requirement. Correspondence and Internet courses specifically can not be used to satisfy credits specified as graduation requirements per school board policy 6:310-R3.

X. Student Services

All Glenbard West students receive the services of a school counselor. Counselors work with students throughout their four years of high school to plan an educational program, to assist in personal problems, to answer questions regarding college selection and financial processes, and to help students' general orientation to high school life. Additional services provided to Glenbard West students are offered by school psychologists, social workers, and the speech therapist. Students may refer themselves to these services or may be referred either by a member of the school staff or by parents.

ADDITIONAL RESOURCES FOR STUDENTS

I. Resource Period Assistance

During periods of the school day, teachers from all subject areas are available to provide tutorial assistance for students. Information charts which specify times, places, and teachers offering assistance are posted in every classroom of the building.

II. Computer Lab

This service provides computer-assisted instruction in many academic areas such as review for the Constitution test and preparation for ACT/SAT examinations. Also available is the WRITER'S WORKBENCH, a computer-assisted program designed to provide students with critical feedback for writing assignments in any content area.

III. Academic Strategies

Criteria: Standardized reading test scores, district reading scores, academic performance in freshman year coursework. For students reading below grade level and in need of academic strategy development.

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, Project C.R.I.S.S. strategies for learning, writing development, content area support strategies (i.e. note taking, highlighting, and study strategies), academic vocabulary and fluency. Admission to this course is through department chair and guidance counselor recommendation.

IV. Study Skills

Study Skills is a program designed to improve overall academic success for freshmen and sophomores who are enrolled in regular level freshman or sophomore courses and who are at risk for multiple failures. The program is designed for up to 85 students by way of a referral process. Eighth grade teachers will work to recommend incoming freshman and sophomores will be recommended by freshmen teachers. Enrollment for this resource is by recommendation only.

Students in the program will be in a small group study hall run by a core area teacher. Grades and learner habits will be closely monitored, with the express goal of students learning to monitor their own work habits and meet with success without the assistance of a classroom teacher. Upon success, students will be placed in a regular study hall, with the possibility of taking an elective course upon availability.

V. Extended English – Two period course – 1 English credit & 1 elective credit

Prerequisite: For students reading significantly below grade as determined by standardized reading test scores and recommendation. This double period English course is designed to support the most at-risk reader. 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.

VI. S.T.R.I.V.E. - Success Through Reaching Individual Expectations

This is an after school program designed to provide a structured environment where students can complete homework assignments, write papers, study for tests, and receive academic support and/or tutoring as needed. The mission of STRIVE is to improve academic achievement for students who have failed or are in danger of failing courses and promote individual responsibility. Students are referred by their counselor to this program.

VII. Peer Tutor Program

The Glenbard West Peer Tutoring Program is designed to support the students in the Special Education Life Skills classes. The peer tutors will serve as classroom or one-on-one aides for the students in the Life Skills program during their classes, both self-contained and co-taught. The peer tutors will assist students in the co-taught classes and receive a credit (the peer tutors will be in the course all semester). Whereas the peer tutor assigned to the self-contained classes will volunteer during their study hall or lunch period two days a week. Students who would like to participate as a peer tutor will need to complete an application to be a part of the program. When the students are selected, they will go through a training session to work with the Life Skills students. If interested in the Peer Tutor Program, please contact your School Counselor.

VIII. Algebra Enriched

Algebra Enriched is a course designed to be a flexible support for students who need assistance to be successful in Algebra 1. This is a needs based course; Students are selected based on 8th grade teacher recommendations and performance on the PSAT 8/9. This course is taught by an Algebra teacher that can target specific skills and concepts necessary for success in Algebra 1. Students that maintain a certain level of achievement in Algebra 1 will have the option of taking a regular study hall or an elective during second semester in place of Algebra Enriched.

DEFINITION OF TERMS

The **credit** is the measure of school achievement. For successful completion of a semester's work in a subject meeting daily for one period, a student receives one-half (½) credit.

A **prerequisite** is a course or level which a student must complete before taking other courses. Applicable prerequisites are listed in the course descriptions.

Required courses are courses that a student must complete in order to earn a Glenbard diploma.

Minimum course load – Students must take at least five (5) classes during the school day and must be enrolled for a minimum of three hundred (300) minutes. For students in the Cooperative Education Program the work portion of the day may count as a fifth class.

CAREER PREPARATION

I. Career Education

Glenbard West provides students with many opportunities to prepare for specific careers. Because the entire curriculum is considered career preparation, guidance counselors administer and interpret various tests which measure students' aptitudes and interests to help students choose career areas to explore through coursework or practical experience. Students may also choose specific vocational experiences through course offerings in the Business, Life Studies and Technology Department, and at the Technology Center of DuPage. Such courses provide students with specific skills and knowledge to enter the workplace immediately after graduation. Students also learn about post-secondary educational opportunities such as apprenticeships, military service schools, community college programs, and occupational training through private businesses and trade schools. Students participate in group and individual conferences in the Career Resource Center to explore post-high school options.

II. Vocational - Technical - The Technology Center of DuPage (TCD)

The TCD provides a comprehensive vocational-technical education for high school students. TCD programs offer diversified curriculum, up-to-date equipment, specialized teaching personnel, coordinated guidance services with participating schools, and placement services for area TCD enrollees.

TCD students are third-year and fourth-year students whose career objectives are directly related to vocational and technical education. Attendance at the TCD involves two and one-half (2-½) hours daily; all students are bused from West's campus. During the remainder of the day, students attend classes and participate in extra-curricular activities at Glenbard West. Glenbard grants the credit earned at the TCD, adds these credits to the student's permanent record, and awards a Glenbard diploma. (See page 56 for TCD offerings)

CAREER PROGRAM DESCRIPTIONS

ACT - The American College Testing Program's college entrance test includes a career interest inventory as part of the registration process. The results of the interest inventory are given as part of the student summary report. This test measures the same math, English, reading, and science reasoning areas as the Explore and PLAN. This test is used as criteria for college admission, placement and scholarship programs.

ASVAB - The Armed Services Vocational Aptitude Battery is administered every other year at Glenbard West at no cost for sophomores through seniors. This assessment measures a student's potential to learn in numerous career areas. The military has used this test for years to help recruits make wise career decisions. There is no obligation to the military if a student takes the test.

SCHOOL COUNSELING WEB PAGE

- Go to various sites under the Career Planning link.

PSAT 8/9, PSAT 10 & PSAT/NMSQT - These are the tests administered between 8th grade and 11th grade within the College Board's SAT Suite of Assessments. Each are designed to measure the essential ingredients for college and career readiness and success.

NAVIANCE – This individualized program is an excellent resource utilized in West's comprehensive counseling curriculum providing every student the ability to conduct college searches, take a version of the Myers-Briggs personality inventory, build a resume, track college applications, and communicate with teachers, guidance counselors, and college admission representatives. In addition, students can find an expansive list of scholarships, sign up for college representative visits, and explore test preparation options. Every student is introduced to their account through West's counseling curriculum.

PLANNING A FOUR-YEAR PROGRAM

HIGHER EDUCATION

Through various programs, the School Counseling Office provides comprehensive information about higher education to students and parents.

Colleges vary greatly in their requirements for admission. To avoid misunderstandings, students should plan their four-year programs with great care. The Illinois State Board of Higher Education has mandated that students must complete the following courses to be considered for admission to a state college or university:

English	4 credits
Mathematics.....	3-4 credits
Laboratory Science	3 credits
Social Studies.....	3 credits
World Language.....	2 credits
Art, Music, Business Education, Computer Education, Family and Consumer Science, and Technology and Engineering	

NOTE: Some of these course options also meet the District 87 elective requirement. Some colleges will allow the substitution of one (1) credit in mathematics, science, social studies, or world languages, art, music, and vocational education area for one (1) credit in a different core academic area.

Universities with highly selective policies usually have very specific and more intensive entrance requirements. To be properly prepared, students should inquire about these requirements well in advance of their senior year. College representatives visit Glenbard West on a regular basis and are available to speak with students. Specific information is published in the “Guidance Newsletter” for student planning purposes.

College Entrance Tests

Students planning to attend college after graduation are advised to complete the American College Test (ACT) and the Scholastic Assessment Test (SAT) during their junior year. These tests will facilitate college admission. Highly selective colleges may require the student to take up to three College Board Student Assessment Tests (SAT Subject Tests) during the junior or senior year. Students interested in selective schools should determine which, if any, achievement test(s) are required by those schools to which they are applying.

Sophomores will take the Preliminary Scholastic Assessment Test (PSAT 10 and/or the PSAT/NMSQT). The PSAT/NMSQT serves as the qualifying test for National Merit Scholarships as well as a helpful guidance tool for college selection and AP preparation.

College-bound students will have the opportunity throughout the school year to attend programs dealing with college admission processes and financial aid information.

The College of DuPage offers a “College Fair” in the fall which more than 200 college and university representatives attend. Students and parents are urged to take advantage of this opportunity.

Visiting college campuses is strongly recommended as part of the college selection process.

The Career Resource Center (CRC) can help provide information on many colleges and universities.

NATIONAL TESTING PROGRAM

College Board SAT Suite of Assessments

Students will participate in the following SAT Suite of Assessments:

- PSAT 8/9 - Freshman year
- PSAT 10 - Sophomore year
- PSAT/NMSQT - Sophomore and/or Junior year
- SAT - Junior year

The College Board’s Advanced Placement Examinations (AP) evaluate students for college credit based on course work done in high school.

ATTENDANCE REQUIREMENTS

All freshman and sophomore students are required to attend Glenbard West High School for all seven periods each day. The option exists, however, for a junior or senior to be excused from Period 1 with parental approval at registration. This parental signature allows a student to enroll in six daily periods plus lunch and thereby to begin daily attendance with the second-hour class. Students must provide their own transportation to school if they begin their day with second hour. Any exceptions must be approved by the Principal and the Assistant Principal for Student Services.

DEADLINE FOR SCHEDULE CHANGES

Course placement is a result of student choices, parental input, teacher recommendation and department chair and guidance counselor.

- A. A student may drop a course up through April 30 of the school year preceding their enrollment in a specific course. After that date, the master schedule will be set and only School Counseling Office initiated schedule changes can be made until the start of the new school year.
- B. After the school year begins, no class changes will be made except for the following: 1)Failed a Class/Lack of pre-requisite skills, 2)Level change recommended by subject area Department Chair, 3)Error in Registration/Placement. Students with less than 300 minutes of daily instruction will be added to a course on a space available basis or a study hall.
- C. During the term of a student's enrollment in a course, that student may be administratively dropped for disciplinary or truancy reasons and will receive a failing grade on the permanent record unless an exception is approved by the Building Principal.

SUMMER SCHOOL

Glenbard District 87 offers a two semester Summer School Program. 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 in reading and mathematics, bridge their skills into high school or to the next advanced level of coursework in mathematics and explore new interests. Incoming freshmen are encouraged to attend summer school to facilitate the adjustment and transition to high school. Any student that failed previous high school coursework is also expected to make up that credit deficiency during summer school. The user-funded program is available to all high school students who reside in District 87.

SELECTIVE SERVICE REGISTRATION

Male students who are about to reach eighteen (18) years of age must, by law, register with the Selective Service System. Registration is a requirement for federal student loans, job training benefits, and federal employment. Students may register at their local post office, on the Internet (<http://www.sss.gov>), or in the registrar's office by presenting identification. Students must register within thirty (30) days either before or after their eighteenth birthday.

ACADEMIC REGULATIONS

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.

NCAA REQUIREMENTS FOR 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 NCAA and the NCAA Eligibility Center can be found at www.ncaa.org, www.eligibilitycenter.org, and www.ncaastudent.org.

CAUTION: *Some colleges may require athletes to meet regular admission requirements in addition to NCAA requirements to receive a scholarship. Athletes are responsible for meeting these requirements. Signing a letter of intent does not guarantee that a scholarship will be given. Athletes must meet the college's requirements by the end of their senior year to guarantee the scholarship.*

COURSE DESCRIPTIONS AND PREREQUISITES

The following pages of this handbook contain brief descriptions of courses offered by various departments. The descriptions include the length of the course, the credit that may be earned, and, where applicable, the prerequisite. Students or parents who need further information concerning a course or about the enrollment procedure should contact the School Counseling Office.

ART

Department Chair: Mr. Jonathan Walsh

- See “Higher Education” on page 14 for Illinois college and university requirements.
- Art Courses fulfill the Cultural Education Requirement.
- Articulated credit may be earned through College of DuPage for selected courses.
- AP credit may be earned by taking AP Studio Art: 2D Design, AP Studio Art: Drawing, AP Studio Art: 3D Design, and/or AP Art History.
- Due to the studio nature of Art courses, homework is not assigned in most classes.
- Art courses are production classes rather than lecture format (except AP Art History).

The chart below illustrates when students may enroll in Art courses:

COURSE	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Introduction to Art	X	X	X	X
Drawing 1	X	X	X	X
Drawing 2	X	X	X	X
Graphic Design 1	X	X	X	X
Graphic Design 2	X	X	X	X
Painting 1	X	X	X	X
Painting 2	X	X	X	X
Ceramics 1	X	X	X	X
Ceramics 2	X	X	X	X
Sculpture	X	X	X	X
Comic Arts	X	X	X	X
Photography 1	X	X	X	X
Photography 2	X	X	X	X
Film Studies			X	X
AP Studio Art: 2D Design			X	X
AP Studio Art: Drawing			X	X
AP Studio Art: 3D Design			X	X
AP Art History		X	X	X

Introduction to Art

This introductory course is open to all students. Students complete projects in most of the following art forms: drawing, painting, two and three-dimensional design, graphic design, printmaking, ceramics, sculpture, photography and film.

Historical references are a part of many units.

Eligible: 9, 10, 11, 12

Credit: ½

Drawing 1

Students explore drawing as an art form. They learn basic drawing techniques and media with emphasis on shading and creating of images. Using problem-solving approaches, students execute drawings which translate their ideas and experiences into realistic visual statements. They also learn the proper use of drawing tools.

Eligible: 9, 10, 11, 12

Credit: ½

Drawing 2

This course offers two opportunities for students: a continuation of Drawing 1 with students taking added responsibility to develop both the problems and the solutions; and an opportunity for students to study or improve an area of improvement identified in Drawing 1.

Prerequisite: Drawing 1

Eligible: 9 (second semester only), 10, 11, 12

Credit: ½

Graphic Design 1

Students learn about two and three-dimensional design for use in the field commonly known as commercial art. Using the basic design principles and the elements of the visual arts, students solve problems involved in communicating visually. Design may be created for posters, letterheads, publication layouts, illustrations, package designs and logos. Text and illustration are an integral part of the work. Students use a variety of media and techniques as they experience practical use of the computer as a design tool. *Enrollment in this course makes a student eligible for articulated credit from the College of DuPage.*

Eligible: 9, 10, 11, 12

Credit: ½

Graphic Design 2

Students work in advanced problem solving with emphasis on the composition and design process. They engage in experiments using creative letterforms, typography, and illustration. They learn to prepare finished art work for publication. Students also learn the historical aspects of advertising art and the basics of computer graphics. *Enrollment in this course makes a student eligible for articulated credit from the College of DuPage.*

Prerequisite: Graphic Design 1

Eligible: 9 (second semester only), 10, 11, 12

Credit: ½

Painting 1

Students acquire technical understandings of color theory and various painting techniques and processes as well as an historical perspective of painting. Students work with tempera paints in combination with other media and materials. Students engage in an experimental approach to painting and creative image-making.

Eligible: 9, 10, 11, 12

Credit: ½

Painting 2

Students pursue in-depth studies of previously learned techniques in painting. They complete specific projects to develop their skills in particular media and in finding creative solutions. Acrylic paints, oil paints, watercolors, and canvas are some of the new materials which students use.

Prerequisite: Painting 1

Eligible: 9 (second semester only), 10, 11, 12

Credit: ½

Ceramics 1

Students learn and engage in the four basic clay construction methods: pinch, coil, slab, and modeling. They glaze and finish all work appropriately and complete some sculpture work.

Eligible: 9, 10, 11, 12

Credit: ½

Ceramics 2

Students continue to develop their skills and their sense of form through wheel-throwing techniques as well as advanced hand-building construction. Glaze experimentation is also included in this course.

Prerequisite: Ceramics 1

Eligible: 9 (second semester), 10, 11, 12

Credit: ½

Sculpture

Students learn about sculpture as an art form. While producing their own three-dimensional forms in a variety of materials, students learn the traditional methods of sculpture as well as innovative techniques.

Eligible: 9, 10, 11, 12

Credit: ½

Comic Arts

Students learn the fundamentals of drawing cartoons before they explore a variety of cartooning styles. These styles include hero comics, comic strip characters, advertising cartoons, political cartoons, and introductory animation techniques.

Eligible: 9, 10, 11, 12

Credit: ½

Photography 1

Students learn 35mm black and white photography, study camera control(s), developing procedures, darkroom printing techniques, and composition. *Enrollment in this course makes a student eligible for articulated credit from the College of DuPage.*

Eligible: 9, 10, 11, 12

Credit: ½

Photography 2

Students will continue their photographic studies while they explore a variety of films, papers, processes, developers and cameras. Students will focus on exploration and creativity. This course will also offer students the opportunity to alter and edit their photographs with Adobe Photoshop software. Students will learn to use a digital camera and printer as part of their creative experiences. **Students must have access to a 35 mm camera (manual or semi-automatic).** *Enrollment in this course makes students eligible for articulated credit from the College of Dupage.*

Prerequisite: Photography 1

Eligible: 9, 10, 11, 12

Credit: ½

Film Studies

Students study film as an art form by following the processes of film making from silent movies to modern movies. They also learn about changes in artistic approaches to film making by studying directors whose work has been acknowledged for its greatness. Students examine movies both as the shapers and the products of culture and society. They also learn about technical and aesthetic advances in film making. Students keep logs and study the craft of the film critic in order to form their own judgments of movies. The final project is a student-produced film.

Eligible: 11, 12

Credit: ½

AP Studio Art: 2D Design

Serious art students enroll in this class to prepare themselves for a future that involves visual problem solving. A large body of work is created with a variety of materials. All works of art are in two dimensional format that goes beyond drawing including, but not limited to, graphic design, digital imaging, photography, collage, illustration, painting, etc. This intense experience gives students the environment for tremendous artistic growth and for the formation of lasting friendships with other serious art students. Students may also earn college credit.

Prerequisites: Approval of any Glenbard Art Teacher

Eligible: 11, 12

Credit: 1

AP Studio Art-Drawing

Serious art students enroll in this class to prepare themselves for a future that involves visual problem solving. A large body of work is created with a variety of materials. All works of art are created as drawings. This intense experience gives students the environment for tremendous artistic growth and for the formation of lasting friendships with other serious art students. Students may also earn college credit.

Prerequisites: Approval of any Glenbard Art Teacher

Eligible: 11, 12

Credit: 1

AP Studio Art: 3D Design

This course is recommended for highly motivated students capable of creating college-level, 3 dimensional work for which advanced college credit may be earned. Students will specialize in the 3 dimensional media of their choice. At the core of the 3-D art creation will be visual thinking, problem solving, risk taking, creativity, personal expression and critical analysis. Throughout the course students will be required to investigate the 3 processes of AP portfolio development: Quality, Concentration and Breadth. Work outside of class is required. In May, students are expected to submit their portfolios for evaluation in the Advanced Placement program.

Prerequisites: Approval of any Glenbard Art Teacher

Eligible: 11, 12

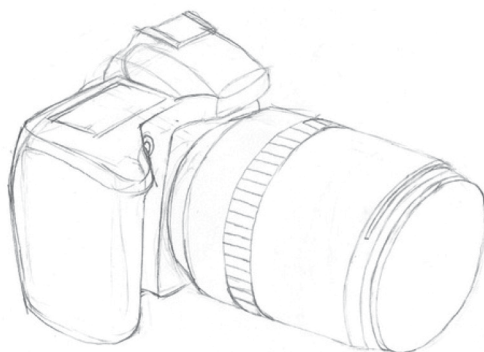
Credit: 1

AP Art History

Students do not need a background in any art production class (ceramics, drawing, photography, etc...), just a desire to study great pieces of art. AP Art History is a chronological survey of art forms, cultural contexts, and the roles of artists, art, and art critics. Students begin with prehistoric art and continue through art of the twenty-first century. Students acquire a strong background in identifying important works of art and architecture while they gain understanding of the social and intellectual contexts in which the works were created. Through critical analysis of images, individual projects, field study, and independent research, students learn to look for as well as look at and discuss art forms and the roles of the artist and the critic. ***This course prepares students for the Advanced Placement Examination in Art History. They are expected to take this test in May.***

Eligible: 11, 12

Credit: 1



Business and Family and Consumer Sciences

Department Chair: Abbey Skidmore

The Business and Family and Consumer Sciences Department is comprised of many areas of study including; Business, Technology, Culinary Arts, Human Development, and Fashion Design. The mission of our department is to provide relevant and challenging educational opportunities for students to acquire life skills, technical skills, and career exploration experiences. These experiences, skills, and attitudes will prepare students for success in their personal lives and today's changing, competitive, and diverse workforce.

- Courses offered in these areas meet the Applies Arts graduation requirement.
- Consumer Management meets the Consumer Education graduation requirement.
- Speech with Computers meets the Speech graduation requirement.
- Nutrition and Fitness meets a Physical Education graduation requirement.

BUSINESS EDUCATION

The chart below illustrates when students may take Business Education courses:

COURSE	9TH Grade	10TH Grade	11TH Grade	12TH Grade
Consumer Management	X	X	X	X
Intro to Business	X	X	X	X
Accounting	X	X	X	X
Business Law	X	X	X	X
Marketing: Sports and Entertainment	X	X	X	X
Business Ownership	X	X	X	X
Career Internship			X	X

Consumer Management

Learn the personal finance and consumer skills necessary to survive on your own. Explore the world of financial decisionmaking and learn how to exercise your rights as a consumer. Topics include, budgeting, credit management, saving, investing, comparison shopping, insurance, car-buying, and housing, and taxes. Take Consumer Management to begin good financial practices early! *This course satisfies the consumer education requirement for graduation.*

Eligible: 9, 10, 11, 12

Credit: ½

Introduction to Business

Introduction to Business explores the role and purpose of business in our economic system with emphasis on what everyone should know to function effectively as a consumer and a worker in a freeenterprise economy. Units will include marketing, accounting, business law, entrepreneurship, and international business. Great introduction to all the business classes we offer.

Eligible: 9, 10, 11, 12

Credit: ½

Accounting

The study of accounting highlights the principles and concepts necessary to process financial data. Students will be granted a glimpse into the life of an accountant by preparing financial statements, analyzing business scenarios and determining possible courses of action. Get ready for your future in the business world by registering for this exciting class and learning the language of business — Accounting.

Eligible: 9, 10, 11, 12

Credit: ½

Business Law

Students examine the basic principles of law, which affect personal and business transactions. They learn the background of the nature of law and legal problems; Constitutional law; contracts; bailments; relationships between buyers and sellers; the rights and responsibilities of employer-employee relationships; landlord-tenant relationships; and wills. Students participate in several mock trials. They also observe and analyze actual trials through a field trip to the county judicial center.

Eligible: 9, 10, 11, 12

Credit: ½

Marketing: Sports and Entertainment

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.

Eligible: 9, 10, 11, 12

Credit: ½

Business Ownership (Starting Your Own Business)

This one semester course is designed to provide students with the skills necessary to create, organize, develop, and manage their own business. The curriculum focuses on the business fundamentals including accounting, economics, finance, human resources, law, marketing, sales, etc. In addition, cross-curricular skills such as, goal setting, problem solving, communicating intended messages, and interpreting data will be developed. We will never lose sight of the critical role the entrepreneur has played in history, as well as the vital role the entrepreneur continues to play in today's fast-paced economy. More importantly, students will develop the confidence, vision, and courage to bring out the entrepreneurial spirit.

Eligible: 9, 10, 11, 12

Credit: ½

Career Internship

Students explore careers in fields such as accounting, dentistry, medicine, law, real estate, social work, journalism, architecture, and education. Students learn both through classroom instruction and on-site (unpaid) working experience. In the classroom, students complete a career self-analysis and acquire career-readiness skills. Based upon the analysis and the interests of the individual student, he/she then must participate in a supervised internship. The internship will span twelve (12) weeks for approximately 3 ½ hours per week for a total of 40 hours. Students benefit by testing a career interest before choosing a college major, taking classroom learning into the real world, and realizing personal growth and development in an actual career field. Students must provide their own transportation to internship sites. Students are covered at the internship work site by their parents' or guardian's health insurance.

Eligible: 11, 12 and a minimum GPA of 3.0

Credit: ½

TECHNOLOGY EDUCATION

The chart below illustrates when students may take Computer Education courses:

COURSE	9TH Grade	10TH Grade	11TH Grade	12TH Grade
Technology Essentials	X	X	X	X
Computer Science Discoveries 1	X	X	X	X
Computer Science Discoveries 2	X	X	X	X
AP Computer Science Principals	X	X	X	X
Speech with Advanced Technology (SWAT)	X	X	X	X

Technology Essentials

With the new IPAD initiatives, this class will prepare students for the digital curriculum world. Students will become comfortable using learning management systems, apps, GoogleDocs, and overall how to make this technology transition in all classrooms. This course will also teach students to become proficient in the use of Microsoft Office programs (Word, PowerPoint, Excel, Access, and Publisher) and build simple web pages. Keyboarding technique and speed will be developed through work on drills and other assignments.

Eligible: 9, 10, 11, 12

Credit: ½

Computer Science Discoveries 1

This first semester of CS Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. Focus is on the visible aspects of computing and computer science, encouraging students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression. Students are empowered to create authentic artifacts and engage with computer science. Introduction to various programming languages will be explored.

Eligible: 9, 10, 11, 12

Credit: ½

Computer Science Discoveries 2

Computer Science Discoveries 2 (replacing Computer Programming 2 Java)

Where the first semester centers on the immediately observable and personally applicable elements of computer science, the second semester asks students to look outward and explore the impact of computer science on society. Students will see how a through user-centered design process produces a better application, how their personal data is collected and used on the web, and they will work with bare circuit boards to see how computers collect input and return output in a variety of ways. Through the entirety of this semester student groups will continue to iterate on and refine a mobile app that integrates everything they've learned throughout the course into one capstone project.

Eligible: 9, 10, 11, 12

Credit: ½

AP Computer Science Principles

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. AP Computer Science Principles

eligible: 9, 10, 11, 12

Credit: 1

Speech with Advanced Technology: (S.W.A.T.)

Earn your graduation requirement for Speech. Are you ready to enter the job market in today's technology driven society? Companies are seeking graduates who are not only computer literate but can also communicate effectively. This course is offered as an alternative to the typical speech course. SWAT (Speech With Advanced Technology) combines the oral communication skills learned in a Speech course with the latest technology found in the business world. This is invaluable preparation for college and a career in business. *Earn your graduation requirement for Speech or Applied Arts.*

Eligible: 10, 11, 12

Credit: ½

FAMILY AND CONSUMER SCIENCES

The chart below illustrates when students may take Family and Consumer Science courses:

COURSE	9TH Grade	10TH Grade	11TH Grade	12TH Grade
Culinary Arts 1	X	X	X	X
Culinary Arts 2	X	X	X	X
Gourmet Foods	X	X	X	X
Nutrition and Fitness			X	X
Fashion Workshop	X	X	X	X
Fashion Merchandising	X	X	X	X
Child Development	X	X	X	X
Preschool Child	X	X	X	X
Human Relationships			X	X
Consumer Management	X	X	X	X

Culinary Arts 1

Acquire teamwork skills that will last a lifetime. Explore culinary techniques and cooking methods while learning to work safely and efficiently in the kitchen. Students will have the opportunity to meet guest chefs and observe demonstrations. Learn to prepare scones, pancakes, fresh pasta, salsa, and a variety of other delicious items. Develop skills that can be used for job placement in the hospitality industry or for personal use.

Eligible: 9, 10, 11, 12

Credit: ½

Culinary Arts 2

Continue to expand the food preparation skills learned in Culinary Arts 1 (foods 1) while using more advanced cooking methods to prepare meat and poultry dishes, soups, cakes, pizza, and many more. Students will participate in the famous Chili Contest and take a field trip to encounter career exploration in the Hospitality Industry.

Prerequisite: Culinary Arts 1 or Foods 1

Eligible: 9, 10, 11, 12

Credit: ½

Gourmet Foods

Take your culinary skills to the advanced level. Prepare regional cuisines from all over the world. Current food and restaurant trends will be explored. Experience international cuisine and foods customs. Learn the advanced techniques for many gourmet food projects.

Prerequisite: Culinary Arts 1 or 2 or Foods 1 or 2

Eligible: 9, 10, 11, 12

Credit: ½

Nutrition and Fitness

This integrated program incorporates the principles of food and fitness. Students 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 his/her 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 speakers related to health and fitness. This class may be repeated once; different topics are covered in the fall and spring semesters. This course fulfills the Physical Education requirement. If a student chooses to take this course and an additional PE course, they could elect to receive a .5 credit for Applied Arts rather than the .5 PE credit. Students are not allowed to waive out of this course for athletics or band during their season.

Eligible: 11, 12

Credit: ½ (PE)

Fashion Workshop

The main focus of the course is the changing world of fashion and how to make it work for you. Design your own fashions as you create projects. Find out figure types and learn to choose clothes that will make you look your best. Students learn to coordinate fashion looks and accessories by applying the principles and elements of design to their projects.

Eligible: 9, 10, 11, 12

Credit: ½

Fashion Merchandising

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.

No Prerequisite required.

Eligible: 9, 10, 11, 12

Credit: ½

Child Development

Students will participate in a hands-on learning experience working with children ages 3-5 in our Castle Preschool here at West. They will learn about physical, social, emotional, and intellectual development of children newborns-preschool age.

Students will work as observe and teacher's aides helping to implement age appropriate activities for the preschoolers in the areas of art, music, science, and math. This class will give students tools to work with children one day in many capacities from babysitting to becoming a parent. It may also help students discover a passion for career in the early childhood field.

Eligible: 9, 10, 11, 12

Credit: ½

Preschool Child

Students will continue their work with the children in Castle Preschool here at West. This semester students will spend the first few weeks learning about teaching techniques, communication, and use the information learned in child development to then create and teach lessons to the preschoolers. Students will work in groups and become the role of the teachers in the areas of art, music, math, and science for the preschoolers. This course is highly recommended for anyone thinking of pursuing a career in education, psychology, or social services. Various careers are explored.

Prerequisite: Child Development

Eligible: 9, 10, 11, 12

Credit: ½

Human Relations

Look closely at the relationships you have with important people in your life. Learn about yourself and others. Examine personality development theories and how they apply to the individual. Explore future relationships such as marriage and parenthood 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.

Eligible: 11, 12

Credit: ½

Consumer Management

Learn the personal finance and consumer skills necessary to survive on your own. Explore the world of financial decision-making and learn how to exercise your rights as a consumer. Topics include, budgeting, credit management, saving, investing, comparison shopping, insurance, car-buying, and housing, and taxes. Take Consumer Management to begin good financial practices early! *This class meets the Consumer Education graduation requirement.*

Eligible: 9, 10, 11, 12

Credit: ½

ENGLISH

Department Chair: Mr. Ben Peterselli

The mission of the West English Department is to help all students gain a life-long appreciation for the importance of language and literature in their everyday lives while honing the skills each individual needs to effectively communicate in today's modern world.

All courses in this department carry ½ unit of credit per semester. Students' reading and writing skills develop at different speeds--so, too, do their maturity and desire to stretch themselves. Students are not locked into a course sequence for four years.

See "Higher Education" on page 14 for Illinois college and university requirements.

9th Grade	Extended English	English 1	English 1 Honors
10th Grade	English 2		English 2 Honors
11th Grade	English 3	American Studies	AP Language
12th Grade	<div style="text-align: center;">English Electives</div> <div style="display: flex; justify-content: space-between;"> <div> Senior Composition Creative Writing Contemporary Culture Journalistic Writing 1 Journalistic Writing 2 </div> <div> Modern Research Modern Literature Modern Poetry World Literature Independent Literature </div> </div>		AP Literature
			AP Research*

**AP Research is the second course in the AP Capstone program.
Research students must first take AP Seminar.*

Extended English

This double period English course is designed to support the most at-risk reader. 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: For students reading significantly below grade as determined by standardized reading test scores and recommendation.

Two period course – 1 English credit & 1 elective credit

English 1

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.

Eligible: 9

Credit: 1

English 1 Honors

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 course as juniors and seniors. Placement in English 1 Honors depends upon test scores, teacher and department chair recommendations.

Eligible: 9

Credit: 1

English 2

Students focus on literature, writing, grammar, vocabulary, and study skills. They connect writing and grammar with the three-paragraph essay which they learned during the freshman year. Students demonstrate growth with more complex writing tasks: the goal is to master the five-paragraph essay with idea development and continuity, appropriate usage and punctuation, and accurate spelling. In literature work, students concentrate on an understanding and appreciation of poetry, the short story, and the novel as literary forms. They also gain deeper understanding of short story elements, poetic terms, additional literary devices, and vocabulary study.

Eligible: 10

Credit: 1

English 2 Honors

This course is a study of representative English authors designed to develop the student's ability to understand and appreciate the major authors and literary works of the following periods: the Anglo-Saxon Age, Medieval England, the Elizabethan Age, the Romantic Era, the Victorian Age and modern British Literature. In this course, students explore the prominent themes of British culture through the analysis of texts of all genres and historical periods. Strategies and preparation for the taking of the AP Composition, Literature and Language tests will be incorporated into this course. Students participate in a summer reading program that requires the reading of a text and the completion of written responses that are due at the beginning of the semester.

Eligible: 10

Credit: 1

English 3

Besides engaging in an in-depth study of the types of American literature as these developed in our literary history, students focus intensively on the study of literature, composition, and language. Emphasis is placed on the development of American culture as apparent in our literary heritage. Students will continue to develop argument writing skills as they learn how to effectively compose synthesis essays.

Eligible: 11

Credit: 1

English 3 - American Studies

American Studies, a two-credit course, is an alternative to enrollment in U. S. History and English 3 separately; it satisfies the graduation requirements for both subject areas. In order to fulfill English 3 requirements, students engage in essay writing, reading, discussion, and vocabulary development. The required study of the U. S. Constitution and local government are addressed in the U. S. History portion of the course. Team-taught by an English and a history teacher for two consecutive periods each day, the course traces America's philosophical, historical, and artistic growth. Students develop the ability to view the American experience as a cultural whole with an emphasis on predominant components which created the American tradition: institutions, ideas, literature, politics, economics, ethnic and racial groups, everyday life, and the relationships among these. *This course is project-oriented and includes several required field trips to museums, exhibits, and performances. Students must pay all field trip expenses.*

Eligible: 11

Credits: 2 (1 English and 1 Social Studies)

AP English Language and Composition

This college-level course meets the needs of students whose interests and abilities warrant an especially rigorous course of study. The course is a study of representative American authors and literary works from the 1600's to the present day. Students are encouraged to explore prominent themes of American culture through the intensive analysis of texts of all genres and historical periods. Students compose formal written analyses of texts (fiction and non-fiction) and compose persuasive essays using a variety of rhetorical strategies. Students participate in a summer reading program that requires the reading of a text and the completion of written responses that are due at the beginning of the semester. *Successful completion of this course prepares students to take the Advanced Placement English Language Examination in May for college credit.*

Eligible: 11

Credit: 1

AP English Literature and Composition

In this college-level course, students focus on literary criticism, research and written analysis of selected pieces of world and contemporary literature. They apply concepts in psychology, philosophy, history and sociology to literature; they analyze and evaluate logically these concepts within a framework of theoretical application. In this seminar style course, assessment of this thought process occurs through graded discussions, essay tests, critical essays and documented papers which are carefully analyzed for both content and fundamental grammatical skills. Students participate in a summer reading program that requires the reading of two texts and participation in an online discussion. *Successful completion of this course prepares students to take the Advanced Placement English Literature Examination in May for college credit.*

Eligible: 12

Credit: 1

AP Research

In the second year of the AP Capstone curriculum, students will design, plan, and conduct a year-long research-based investigation on a topic of individual interest. In this mentored inquiry and investigation, students will learn research methodology and ethical research practices while accessing, analyzing and synthesizing information to address their research question. This course culminates in a 5000 word academic thesis paper, an oral defense, and a public presentation of their research.

Eligible: 12

Credit: 1

ELECTIVES

Creative Writing

This course stresses creative, original writing which focuses on process as well as product. Students explore various models and genres, analyze and discuss pieces which best exemplify creative writing, and write extensively. Their writing pieces range from short assignments geared to a particular skill to short stories, one-act plays, and poems. Students share their writing with peer reading groups and with the class as a whole. Students are evaluated on a portfolio basis.

Eligible: 11, 12

Credit: ½

Journalistic Writing 1

Students learn the role of a free press through a survey of journalistic writing techniques and journalistic literature. Students will read widely, write and research extensively for a variety of journalistic audiences and purposes, and practice editing skills individually and with peer writing groups. Students will apply the skills learned by submitting their work to The Glen Bard for publication.

Eligible: 11, 12

Credit: ½

Journalistic Writing 2

This course builds upon the journalistic writing skills from Journalistic Writing 1. Explore the realms of investigative reporting, review writing, podcasting, and read and analyze the works of award-winning journalists. In what area do you want to grow? News writing, editorial writing, video reporting? You have the chance to select your approach to develop and hone your writing skills during the second half of the course. You will submit your writing portfolio at the conclusion of the course. Prerequisite: Journalistic Writing 1 or Department Chair approval.

Eligible: 11, 12

Credit: ½

Writing About Contemporary Culture

This course will teach you how to write convincingly about contemporary cultural texts and issues. In order to write thoughtfully, one must be able to “read” thoughtfully. So this course will also stress the importance of critically evaluating and analyzing cultural messages. Students will analyze, critique, and deconstruct a variety of cultural messages from a variety of genres. Ultimately, this course will provide you with the writing skills necessary to participate in academic discourse about the issues, trends, and concepts that are currently shaping our culture.

Eligible: 12

Credit: ½

Modern Literature

Students read and study literature in a variety of forms spanning the time period of 1950 to present day. Technically, this falls under postmodernism. Students read novels, short stories, newspaper columns, and poems analyzing them through the major themes of postmodernism. The class also pulls from movies, TV shows, and YouTube videos to understand how postmodernism is embedded in their lives. In addition to reading and discussing, students write reflections and a documented research paper.

Eligible: 12

Credit: ½

Senior Composition

This course is designed to help you explore the writing process with a particular focus on rhetoric: the art of persuasion through effective and deliberate writing. We will discuss academic writing and practices—including argument and the use of sources. You will also work to develop your voice through narrative technique and by developing a toolbox of moves to empower you as a writer. To do this, you will read, write, and think critically in your exploration of rhetorical structures. Assignments will involve close reading, drafting, and revision. Reflection and self-assessment are also integral to the course.

Eligible: 12

Credit: ½

World Literature

This course is designed for students with average to above average reading and composition skills. Students become acquainted with a variety of authors from cultures not represented elsewhere in the English curriculum, such as literature from Africa, Latin America, India, the Middle East, and Asia. In studying literature and film, students discover that people around the world have important commonalities, but also have interesting differences. Independent reading and research from selected collections provide students the opportunity to pursue individual interests.

Eligible: 12

Credit: ½

Independent Literature

Students enrolled in this class will select their own reading material from an approved reading list. After establishing personal reading goals, students will read, confer with the teacher and participate in small group discussions. In addition, students will keep reading response journals and write essays about their books.

Eligible: 12

Credit: ½

Modern Poetry

American poet William Carlos Williams said “It is difficult / to get the news from poems / yet men die / miserably every day / for lack /of what is found there.” This semester-long course invites students to discover what can be found in the poems of the twentieth and twenty-first centuries. Building on the analytical reading and writing skills of the first three years of English, students will learn the “Thirteen Ways of Looking at a Poem,” including diction, syntax, tone, and form. As they explore modern poetry, students will conduct research on a poet, learn to recite poetry, and answer the semester’s guiding question: What is the value of poetry?

Eligible: 12

Credit: ½

Modern Research

What have you always wanted to learn? Learn 21st century researching and writing skills and apply them to an area of your own personal interest. Learn how to find credible, reliable research using a variety of sources. Develop your writing and analysis skills through different mediums. Students should be self-motivated and be able to manage long-term projects. The course will focus on two large projects with final presentations at the end of each unit.

Eligible: 11, 12

Credit: ½

ENGLISH LANGUAGE LEARNING

ELL Building Coordinator: Mrs. Maggie O'Connor

All courses in this program carry ½ credit per semester.

The ELL program is designed to support the needs of English learners..

English ELL 1 and Language Skills 1

This course is designed for students who have little or no English language proficiency. Students use phonics and decoding skills to develop skills in vocabulary and reading comprehension as well as written and oral English conventions. Students learn to read and write in English through Sheltered Instruction. Students also learn about American culture and school.

Eligible: 9, 10, 11, 12

Credit: 2

English ELL 2 and Language Skills 2

This course is designed for students at a low to low-intermediate level of English language proficiency. The emphasis is on the development of oral, auditory and literacy skills. The teacher uses a variety of approaches and techniques, depending on the needs and abilities of students. Students are encouraged to use English in real life situations. Vocabulary development focuses on interpersonal communication and content area vocabulary.

Eligible: 9, 10, 11, 12

Credit: 2

English ELL 3 and Language Skills 3

This course is designed for students at an intermediate level of English language proficiency. The emphasis of the course is to provide continued practice and refinement of both oral and literacy skills for academic purposes. Students will build on the vocabulary learned in the level 2 course. Vocabulary used in content area classes will be studied to develop academic language proficiency. At the completion of English 3 ELL, students will exhibit high-intermediate to advanced level proficiency in four domains: listening, speaking, reading and writing.

Eligible: 9, 10, 11, 12

Credit: 2

English ELL Bridge

This is the final course of English ELL offered to English Learners at a high-intermediate to advanced level of English language proficiency. This course will provide opportunities to further practice and refine all language skills. Upon successful completion of ELL Bridge, students will be prepared to function in mainstream English classes. Composition and literature will be the emphasis of this course. At the completion of ELL Bridge, students will exhibit advanced level proficiency in the four domains: listening, speaking, reading and writing.

Eligible: 9, 10, 11, 12

Credit: 1

Pre-Algebra ELL

Pre-Algebra ELL is a sheltered content class that covers 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. Students completing Pre-Algebra ELL progress to Algebra ELL or Algebra 1.

Eligible: 9, 10, 11, 12

Credit: 1

Health ELL

The course focuses on providing factual information in order for students to make healthy decisions. The major units of study include mental health, nutrition and disease, drug use and abuse, human sexuality and relationships, and safety and first aid. The ELL sections are delivered in a modified format to facilitate the development of the English language as well as a thorough understanding of health and wellness. Upon completion of this course the student will have met the health education requirement.

Eligible: 9, 10, 11, 12

Credit: ½

Biology ELL

The course follows a curriculum that is similar to that being taught at the regular biology level. Content is scaffolded and academic language is emphasized. Students learn about the complexity and simplicity of the living world. Activities include laboratory experimentation, observation, dissection, problem-solving, role-playing and cooperative presentations.

Eligible: 9, 10, 11, 12

Credit: 1

Physical Science ELL

Students will discover the basic elements of chemistry, physics, earth science and environmental science through experimentation and reading. Content is scaffolded and academic language is emphasized.

Prerequisite: English 2 ELL or English 3 ELL enrollment

Eligible: 9, 10, 11, 12

Credit: 1

U.S. History ELL

The course is designed to meet two objectives: to improve each student's English language ability and to learn about United States history. Students will explore significant events from the Colonial Period through the 20th Century and will be encouraged to think critically about the events and people that have come to define the United States. Students will also practice reading, writing, speaking, and listening in English. Successful completion of U.S. History ELL will provide students with the skills and background knowledge needed in U.S. Government and Politics ELL. Successful completion of this course is required for graduation.

Eligible: 9, 10, 11, 12

Credit: 1

Driver Education ELL

This course consists of both the classroom and behind-the-wheel portion of driver education. Upon successful completion of the course, the student will have met the State of Illinois requirements to obtain a drivers license. The course will be delivered in a modified format suitable for ELL students and prepare them in the physical, social, and cognitive aspects of the driving task. Additional information and requirements can be found in the main portion of the driver education course description.

Eligible: 10, 11, 12

Credit: ½

Consumer Management ELL

This class will help students coming from a variety of economic systems understand and adapt to the free market economy of the United States. Topics studied will include money management (budgeting, credit, saving and investing, and taxes); risk management (health insurance, auto insurance, life insurance and property insurance); comparison shopping; decision making; and consumer rights and responsibilities. In addition, students will explore careers and discover how to get and keep a job. After completing the course, students will be able to make wise personal and financial decisions and know where to get help when needed. This course meets the consumer education requirement for graduation.

Eligible: 10, 11, 12

Credit: ½

Independent Living ELL

This course teaches students about consumer economy and fulfills the consumer education requirement for graduation. Students will learn consumer skills including financial management, credit, housing, and vehicle purchasing. Hands on laboratory experiences are an integral part of the food unit. A lab fee of \$10 is required.

Eligible: 9, 10, 11, 12

Credit: ½

Global Studies ELL

The daily practice of reading, writing, listening and speaking English is given high priority in order to prepare students for U.S. History ELL. The course also combines the study of world history and geography and prepares students to become knowledgeable members of a diverse global community. Students will learn basic geography skills while exploring different regions of the world and their unique geography, cultures, history, and current conditions.

Prerequisite: ELL Newcomer and Level 1

Eligible: 9, 10, 11, 12

Credit: 1

United States Government and Politics ELL

This course supports language acquisition and communication skills to complement the study of the political structure of the United States at the national, state, and local levels. Students will begin their study 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 in and outside of the classroom. **State Requirement: Passing grade on the U.S./Illinois Constitution exam is required for graduation. Glenbard Requirement: Successful completion of this course fulfills the civics requirement for graduation.**

Eligible: 10, 11, 12

Credit: 1

ELL Geometry

Geometry ELL is an integrated course in plane, solid, and coordinate geometry. This course emphasizes vocabulary development, problem-solving skills, and opportunities to apply algebra concepts to geometric situations.

Prerequisite: Algebra 1 or Algebra ELL

Eligible: 9, 10, 11, 12

Credit: 1

ELL Algebra

Algebra ELL is a study of linear and non-linear 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 ELL students gain proficiency in mathematical academic vocabulary.

Eligible: 9, 10, 11, 12

Credit: 1

ELL Speech

Students examine the various components of the communication process. They engage in a variety of projects and oral presentations involving interpersonal, group, and public communication processes. Students are required to give a variety of informal and formal speeches. This course also places specific emphasis on fluency for English Language Learners.

Eligible: 9, 10, 11, 12

Credit: .5

TECHNOLOGY and ENGINEERING

Department Chair: Mr. Sean Byrne

The chart below illustrates when students may take Technology and Engineering courses:

COURSE	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Engineering Graphics	X	X	X	X
Architectural Drawing 1		X	X	X
Introduction to Electronics	X	X	X	X

Engineering Graphics

In this lab course, students primarily focus on the learning of computer-aided drafting (CAD). The students will learn on AutoDesk's world standard design and drafting software-AutoCAD. Emphasis will be placed on learning both the software and the basic elements of technical illustration for engineering. Students will learn about Isometric, Orthographic, and Oblique drawing. Understanding of technical terms will be incorporated into the lessons. Course Fee - \$20.00 per semester.

Eligible: 9, 10, 11, 12

Credit: ½

Architectural Drawing 1

Students will build on the skills developed in Computer Aided Drafting. Students learn about construction methods, design factors, and drafting skills. Students will begin the design work on a home that will be completed in Architectural Drawing 2. Students are encouraged to take both courses back-to-back. Course Fee - \$20.00 per semester.

Prerequisite: Computer Aided Drafting 1 or approval of instructor

Eligible: 10, 11, 12

Credit: ½

Introduction to Electronics

This course gives students a background in the field of electronics. This course will be meaningful for all students, especially those planning a career in a technical field. The course starts with the study of basic electricity, electronic components and test equipment. It culminates in students building complex electronic circuits and projects. Students will utilize computers and other test equipment to design, troubleshoot and test lab projects. Career and consumer information related to electronics will be presented. This course is required for entrance into many Technology Center of DuPage programs. Course Fee - \$60.00 per semester.

Eligible: 9, 10, 11, 12

Credit: ½

MATHEMATICS

Department Chair: Ms. Melissa Williams

All courses in this department carry ½ credit per semester.

All students enrolled in mathematics must have a scientific calculator. It is strongly recommended that students who enroll in Algebra 2 w/Trigonometry, Precalculus, Algebra 2 w/Trigonometry H, Probability and Statistics, Advanced Mathematical Applications and Precalculus H have a graphing calculator. Students who enroll in Calculus AB or BC and AP Statistics must have a graphing calculator for the Advanced Placement Examination.

Three credits in mathematics are required for graduation. Universities and colleges have unique mathematics' requirements for admission. These requirements should be followed to ensure proper prerequisites are met for admission. See “Higher Education” on page 14 for Illinois college and university requirements.

Freshman	Algebra 1	Integrated Algebra & Geometry	Geometry H	Algebra 2 w/ Trigonometry H
Sophomore	Algebra 2	Algebra 2 w/Trigonometry	Algebra 2 w/ Trigonometry H	PreCalculus H
Junior	Geometry Trigonometry	Math Modeling & Applications PreCalculus	PreCalculus H	AP Calculus (AB) AP Calculus (BC)
Senior	Math Modeling & Applications PreCalculus AP Statistics AP Computer Science A Advanced Math Applications Probability & Statistics Algebra 3	Math Modeling & Applications PreCalculus AP Calculus (AB) AP Statistics AP Computer Science A Advanced Math Applications Probability & Statistics	AP Calculus (AB) AP Calculus (BC) AP Statistics AP Computer Science A	Multivariable Calculus AP Statistics AP Computer Science A

NOTE:

- Students needing trigonometry for college can obtain this requirement by taking Algebra 2 w/Trigonometry or Geometry with Trigonometry.

Elective Course Offerings:

Advanced Placement Statistics - (Honors)

AP Computer Science A - (Honors)

Advanced Mathematical Applications - (College Prep)

Probability & Statistics - (College Prep)

****Check course description and prerequisites for elective courses. Some elective courses can be taken simultaneously with other math classes.

Algebra

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

Scientific calculator is required.

Prerequisite: Teacher recommendation

Eligible: 9

Credit: 1

Integrated Algebra & Geometry

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 requirement for algebra and geometry. Successful completion prepares a student for Algebra 2 with Trigonometry.

Prerequisite:

Eligible: 9

Credit: 1

Geometry H

Students prepare for entry into advanced levels of the honors program. They study all of the topics covered in the regular geometry course. In addition, students learn more rigorous standards of proof, more formal logic, more sophisticated locus and construction problems, and a wide variety of applications and problem-solving techniques.

Prerequisite: Algebra 1

Eligible: 9

Credit: 1

Algebra 2

Algebra 2 is designed for students who are not yet prepared for the level of abstraction and discipline required in Algebra 2 w/Trigonometry. This course involves considerable review and skill building; the connection between new topics and those covered the previous year is stressed. Upon completion of this course, students may enroll in Algebra 2 w/Trigonometry Part 2 and then enroll in an elective course.

Prerequisite: Algebra

Eligible: 10, 11, 12

Credit: 1

Geometry w/Trigonometry

This year long course is a study in plane, solid, and coordinate geometry, as well as an Introduction to trigonometry through right triangles. This integrated course satisfies the requirements for both Geometry and Trigonometry.

Prerequisite: Algebra 2

Eligible: 11, 12

Credit: 1

Algebra 2 w/Trigonometry

This course reinforces and integrates algebra with geometry. Pure and applied mathematics are integrated throughout as students learn about various functions from numerical, graphical and analytical representations. In addition to reinforcing algebra topics, students study matrices, variation, quadratics functions and relations, complex numbers, exponential and logarithmic functions, polynomials, series, combinations, and trigonometric functions. Students apply concepts and acquire skills with the assistance of technology.

Prerequisite: Geometry or Integrated Algebra and Geometry

Eligible: 10, 11, 12

Credit: 1

Algebra 2 w/Trigonometry H

This enriched 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. Graphing calculators are required and are used frequently throughout the course. Topics covered include functions and relations, systems of linear equalities and inequalities, quadratics, complex numbers, exponential and logarithmic functions, rational and irrational algebraic functions, conics, higher degree functions, sequences, series and trigonometric functions.

Prerequisite: Geometry Honors

Eligible: 9, 10, 11

Credit: 1

Mathematical Modeling and Applications

This course will provide an emphasis on business, social science and natural science applications to enhance the numeric literacy of a Glenbard graduate. The applications will focus on statistical analysis, financial literacy, social science trends and business analysis among other topics. The course will also enhance students' ability to communicate mathematically both orally and in written form. Students critical thinking skills will be further developed in preparation for their college work, or entry into the traditional precalculus-calculus sequence, or an AP Statistics course.

Prerequisite: Algebra 2 w/Trigonometry

Eligible: 11,12

Credit: 1

Precalculus

This course bridges all previously studied areas of mathematics: algebra, geometry, and advanced algebra. Students study functions, logarithms, an in-depth investigation of trigonometric equations, polar coordinates and beginning calculus concepts. The use of a graphing calculator is integrated throughout the course.

Prerequisite: Algebra 2 w/Trigonometry

Eligible: 11, 12

Credit: 1

Precalculus H

This is a rigorous course of study in precalculus mathematics with an emphasis on problem-solving and the acquisition of skills necessary for further study of advanced mathematical topics. It is open only to students currently enrolled in the honors sequence. The course focuses on the study of zeros of polynomials (including synthetic division) and all of trigonometry. Other topics included are sequences and series (arithmetic and geometric), the binomial theorem, permutations and combinations, and DeMoivre's Theorem. Analytic geometry is also covered with emphasis on polar coordinates. Trigonometric topics are incorporated into the course.

Prerequisite: Algebra 2 w/Trigonometry H

Eligible: 10, 11

Credit: 1

AP Calculus (AB)

This is a full-year, college-level course that follows the outline of the Advanced Placement Program for Calculus AB. Topics include differentiation and integration of algebraic and transcendental functions and the application of these skills and concepts. Additionally, applications of mathematical concepts are integrated to develop connections. *Completion of this course prepares students for the Advanced Placement examination in the AB level of Calculus in May. Students who enroll in this course are expected to take this test.*

Prerequisite: Precalculus

Eligible: 11, 12

Credit: 1

AP Calculus (BC)

This is a college-level, full-year course in calculus. The material follows the outline of the Advanced Placement Program for BC Calculus. Topics included are differentiation and integration of algebraic and transcendental functions, techniques of integration, indeterminate forms, improper integrals, infinite series, differential equations, parametric functions, vector functions, and applications of these. *Completion of this course prepares students for the Advanced Placement examination in the BC level of calculus in May. Students who enroll in this course are expected to take this test.*

Prerequisite: Precalculus H

Eligible: 11, 12

Credit: 1

Multivariable Calculus

Multivariable Calculus is the capstone to our calculus course sequence and is offered through a dual enrollment model with The University of Illinois @ Urbana-Champaign and taught at Glenbard West by a Glenbard West teacher. There is a \$300 enrollment fee per student. 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 given in May.

Eligible: 12

Credit: 1

ELECTIVES

Advanced Mathematical Applications

This course is designed primarily for students whose college education will likely lead to careers in business or in the behavioral, social, or biological sciences. Course topics include logic, sets, modeling, linear equations and inequalities, matrix algebra, linear programming, and the simplex method. Applications are presented which require problem-solving experiences in several professional and career fields.

Prerequisite: Credit in or concurrent enrollment in Algebra 2 w/Trigonometry

Eligible: 12

Credit: ½

Algebra 3

This course is designed for college-bound seniors that have completed Algebra 2 with Trigonometry before Senior Year, but do not choose to enroll in a Calculus course or AP Statistics during their Senior year. Upon successful completion of the course, students who choose to attend College of DuPage (COD) will be guaranteed placement into one of three credit-bearing college math courses at COD and will not be required take a non-credit "developmental" or "remedial" math course. The content of this course will be a review and extension of the Algebra topics taught in Algebra 2 with Trigonometry, an exploration of elementary statistics, and selected topics foundational for college level mathematics. This course emphasizes collaborative, project-based exploration of real world problems to develop mastery of mathematical topics. *ALEKS PPL* is utilized throughout the course for remediation, adaptive learning, and assessment.

Prerequisite: Students must be in 12th grade and have completed courses covering Algebra 1, Geometry, and Algebra 2 with Trigonometry

Credit: 1

Probability and Statistics

Statistics is the science of collecting information; organizing and displaying the information in the form of numerical data; and analyzing, interpreting, and making predictions from the data. This course familiarizes students with simple experiment design, formulation and testing of hypotheses, and adoption of confidence intervals. It is a college/work-preparatory course recommended for students considering careers involving data management such as computer sciences, biological/ecological sciences, business management, education, psychology, and research fields. Students will become familiar with computer statistics software used to interpret, apply, and evaluate data.

Prerequisite: Credit in or concurrent enrollment in Algebra 2 w/Trigonometry

Eligible: 12

Credit: ½

AP Statistics

Advanced Placement Statistics will provide a full-year Junior/Senior honors mathematics course for college-bound students. It will provide students who may enter either a non math-science as well as math-science career field with excellent preparation for dealing with significant quantities of data. This course will develop topics dealing with data analysis, data gathering, and statistical inference. A TI-83 Plus OR TI-89 graphing calculator is required. *Completion of this course prepares students for the Advanced Placement examination in May. Students who enroll in this course are expected to take this test.*

Prerequisite: Algebra 2 w/Trigonometry

Eligible: 11, 12

Credit: 1

AP Computer Science A

The major emphasis in AP Computer Science is on programming methodology, algorithms and arrays. Applications of computing provide the context in which these subjects are treated; applications are used to develop student awareness of the need for particular algorithms and simple data structures. Java constitutes the language implementing computer-based solutions to particular problems. The course is intended for students who need programming language for college. *Completion of this course prepares students for the Advanced Placement examination in May. Students who enroll in this course are expected to take this test.*

Prerequisite: Credit in Algebra2 w/Trigonometry

Eligible: 10, 11, 12

Credit: 1


MUSIC

Department Chair: Mr. Jonathan Walsh

All courses in this department carry ½ credit per semester.

Students may have more than one-half (.5) credit in this department included in the twenty-three (23) credits required for graduation.

See “Higher Education” on page 13 for state college and university requirements.

Sample Four Year Plan with Emphasis on Music			
Freshman	Sophomore	Junior	Senior
			
English	English	English	English / Speech
Math	Math	Math	Math
Science	Science	Science	Science
Social Studies	Social Studies	Social Studies	Con Ed Req/ App Arts Req*
PE / Health	PE / Drivers Ed	PE	PE
World Language	World Language	World Language or Other Elective	World Language or AP Music Theory

“ / ” denotes a one semester class

* There are many other ways to fulfill both the Consumer Education and Applied Arts Requirements. Please consult a music director, guidance counselor, or the Curriculum Guide under Graduation requirements to answer any questions.

AP Music Theory

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 in May. Students who enroll in this course are expected to take this test.*

Prerequisite: Recommendation of teacher

Eligible: 10, 11, 12

Credit: 1

Guitar 1

Students with no previous experience or very little experience on guitar learn the basics of music notation and music theory as well as note reading and chord symbols. Basic guitar techniques, such as tuning, strumming, picking, and chord playing are presented. Students must provide their own classical guitar with picks and a case, though the school does own a limited number of guitars to use for class. Students may not use amplified or electric guitars.

Eligible: 9, 10, 11, 12

Credit: ½

Guitar 2

This class is for students with previous experience playing the guitar and reading music. Students will improve their skills and musical understanding of notes, chords, playing technique, musical notation and tablature. Students must provide their own classical guitar with picks and a case. Students may not use amplified or electric guitars.

Prerequisite: Successful completion of Beginning Guitar or approval of instructor.

Eligible: 9, 10, 11, 12

Credit: ½

Chamber Orchestra

This class is for students who have played a stringed instrument previously, and who are continuing to develop technical and musical proficiency on their instrument. Emphasis is placed on bowing, vibrato, intonation, and rhythm, as well as techniques of ensemble playing and full orchestra performance. Several styles of music are prepared, and some performances are done in combination with the Concert Orchestra. **Students must enroll in both semesters of this program.**

Prerequisite: Previous instruction on chosen instrument.

Eligible: 9, 10, 11, 12

Credit: 1

Concert Orchestra

The Concert Orchestra is open to string players who have attained a high level of proficiency on their instrument. The orchestra performs at school events and for civic, fraternal, and community organizations. Students focus on musical growth through study and performance of music from all stylistic periods. Wind and percussion players are selected from the Symphonic Band and rehearse with the strings as determined by performance needs. Wind and percussion players are added from Symphonic Band to create a full symphonic orchestra. **Students must enroll in both semesters of this program.**

Prerequisite: Selection by the director

Eligible: 9, 10, 11, 12

Credit: 1

Baritone Choir

Baritone choir is a beginning vocal ensemble for tenor and bass singers. Instruction includes music theory, music history, vocal techniques, sight singing, performance decorum, and ensemble performance techniques. Special emphasis will be placed on the specific mechanics of the voice and understanding proper vocal production and good tone. Baritone Choir will perform on all major concerts and at some festivals. No audition required.

Students must enroll in both semesters of this program unless given permission by the instructor.

Eligible: 9, 10, 11, 12

Credit: 1

Treble Choir

Treble choir is a beginning vocal ensemble for soprano and alto singers. Instruction includes music theory, music history, vocal techniques, sight singing, performance decorum, and ensemble performance techniques. Special emphasis will be placed on the specific mechanics of the voice and understanding proper vocal production and good tone. Treble Choir will perform at all major concerts and at some festivals. No audition required. **Students must enroll in both semesters of this program unless given permission by the instructor.**

Eligible: 9, 10, 11, 12

Credit: 1

Advanced Treble Choir

This vocal ensemble is an advanced group for singers who have had experience in a chorus. Continued study of tone production and breath control, perceptual skills, elementary 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. Upon completion of the course students may audition for membership in the Concert Choir or Chamber Choir.

Students must enroll in both semesters of this program.

Prerequisite: One year of previous choral instruction and recommendation of the director.

Eligible: 9 by audition, 10, 11, 12

Credit: 1

Concert Choir

Concert Choir is a large auditioned vocal ensemble for mixed vocal part singers. Instruction includes music theory, music history, advanced vocal techniques, advanced sight singing, performance decorum, and advanced ensemble performance techniques. Specific focus is given to large ensemble skills and literature. Styles from the Renaissance to the present will be covered. The ensemble performs during the school year, including community service concerts and festivals. Enrollment is by audition and/or instructor permission. **Students must enroll in both semesters of this program.**

Prerequisite: Treble Choir, Baritone Choir, or Advanced Treble Choir

Eligible: 9 by audition, 10, 11, 12

Credit: 1

Chamber Choir

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 advanced ensemble performance techniques. 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. Enrollment is by audition and/or instructor permission. **Students must enroll in both semesters of this program.**

Prerequisite: Treble Choir, Baritone Choir, Advanced Treble Choir, or Concert Choir

Eligible: 9 by audition, 10, 11, 12

Credit: 1

Intermediate Band

Intermediate Band is offered to students who have a good basic knowledge of their instrument. They study the fundamentals of technique and musicianship in solo, small ensemble, and full ensemble experiences. Students performance at seven concerts during the year. **Students must enroll in both semesters of this program.**

Prerequisite: Previous instruction on chosen instrument at the middle school level

Eligible: 9, 10, 11, 12

Credit: 1

Intermediate Band Percussion

Intermediate Band Percussion is for students who specialize in playing drums, mallets, and other percussion instruments. Students will work in all areas of percussion from drum technique, mallet strokes, timpani tuning, and toy performance. Students perform at seven concerts during the year.

Students must enroll in both semesters of this program.

Prerequisite: Selection by audition

Eligible: 9, 10, 11, 12

Credit: 1

Concert Band

Concert Band is for students with above average musical ability on their instrument. They focus on music reading, tone production, ensemble playing, counting, listening, and intonation. Students performance at seven concerts during the year..

Students must enroll in both semesters of this program.

Prerequisite: Selection by audition

Eligible: 9, 10, 11, 12

Credit: 1

Concert Band Percussion

Concert Band Percussion is for students with above average musical ability who specialize in playing drums, mallets, and other percussion instruments. Students will work in all areas of percussion from drum technique, mallet strokes, timpani tuning, and toy performance. Students performance at seven concerts during the year.

Students must enroll in both semesters of this program.

Prerequisite: Selection by audition

Eligible: 9, 10, 11, 12

Credit: 1

Symphonic Band

The Symphonic Band involves students who have attained a high level of proficiency on their instrument. Musical ability and a positive mental attitude as well as the desire to achieve fine musical results are the prime prerequisites for this organization. Students perform at concerts, selected festivals and at solo and ensemble contests throughout the year. Students performance at seven concerts during the year.

Students must enroll in both semesters of this program.

Prerequisite: Selection by audition

Eligible: 9, 10, 11, 12

Credit: 1

Symphonic Band Percussion

Symphonic Band Percussion involves students who have attained a high level of proficiency who specialize in playing drums, mallets, and other percussion instruments. Students will work on all areas of percussion from drum technique, to mallet strokes, to timpani and toy performance. Students perform at a minimum of five to six concerts a year. All students perform at our local solo and ensemble festivals. Students performance at seven concerts during the year.

Students must enroll in both semesters of this program.

Prerequisite: Selection by audition

Eligible: 9, 10, 11, 12

Credit: 1



PHYSICAL EDUCATION

Department Chair: Ms. Janeé Hallahan

We are discovering more and more that daily physical education and increasing one's heart rate helps each student focus better, comprehend more information, improve memory recall and stimulate the brain. Dr. Ratey a Harvard Professor describes; "Exercise is like Miracle-Gro for the brain".

All courses in this department carry ½ credit per semester.

Physical Education Requirements for Graduation

	SEMESTER 1	SEMESTER 2
Freshman	PE or Health	PE or Health
Sophomore	PE or Driver Education or Team-building/Leadership	PE or Driver Education or Team-building/Leadership
Junior	PE Elective	PE Elective
Senior	PE Elective	PE Elective

All students are required to earn three credits in physical education (½ credit per semester course) to meet Glenbard graduation requirements and to fulfill the Illinois mandated physical education requirement. This mandate states that all students should be enrolled in daily physical education except during those semesters in which they are taking health and driver education.

Students may also enroll in elective physical education courses. Up to 4.0 credits in physical education courses may be earned toward graduation.

Participation is an essential component of Physical Education. Students are expected to dress in the required uniform in an effort to: **insure the safe participation of the students and their peers, promote good hygiene, and provide the maximum opportunity for successful completion of the course** by being able to engage in activity.

All students enrolled in P.E. are required to wear a uniform consisting of a Glenbard West P.E. shirt and Glenbard West P.E. shorts or sweat pants, as well as appropriate athletic footwear. Uniforms can be purchased through your child's P.E. teacher or at the bookstore. In the event that a student forgets their uniform, rental uniforms are available every day.

Freshman & Sophomore Physical Education Courses

This course emphasizes knowledge and development of fitness and wellness concepts through instruction and participation in diverse physical activities. The semester long courses challenge students with individual and team sports, physical fitness skills, fitness pre- and post-assessments, and may include heart rate monitor use, social dance and team challenge activities.

Junior & Senior Physical Education Courses

Junior and senior students will enroll in a variety of courses (Junior-Senior P.E., Team Sports 1, Team Sports II, Strength Training, and Dance Arts). These semester long courses of special interest physical education opportunities provide each student with individualized challenges and fitness based lessons utilizing a variety of lifelong activities.

FIRST AND SECOND SEMESTER

Student Leadership Training/Team-Building

During the sophomore year, this course will offer students a comprehensive education in leadership training, discovering their greatest potential as a leader, listener, and learner. This course will encounter life-skills through challenges which will focus on teamwork, respect, support, trust, and sportsmanship. Finally, selected students will have an opportunity to return as junior leaders in a freshman or sophomore class. Teacher recommendation for this class is required.

Zero Hour PE

Zero Hour PE (open to sophomores, juniors and seniors) allows students to start school at 6:45 a.m. and take a study hall or extra class during the regular school day. It should be noted, however, that transportation will be the student's responsibility for Zero Hour PE and there will be no early dismissals from school as a result of starting the day early. The normal bell schedule through Period 8 will still apply. Students pursue total body conditioning through weight training. Students will improve their muscular strength, endurance and overall flexibility. They will learn the concepts of strength training, cardiovascular fitness, body composition and physiology of exercise. Each student will design his or her own weight program that will be tailored to help the student reach his or her goal. Students can choose to focus on improving strength, endurance, cardiovascular fitness or body composition. Students will spend a minimum of 3 days a week in the weight room learning proper lifting techniques and weight room etiquette.

Junior-Senior P.E.

Junior and senior co-educational physical education offers both girls and boys a variety of individual and team sports; badminton, basketball, Frolf, Pickelball, softball, bowling, tennis, volleyball, weight/cardiovascular training. Instruction is devoted to physical fitness throughout the activities and will include instruction of skills, techniques, strategy, and rules governing the activities. Students will have access to the weight and cardiovascular training room throughout the year.

Adventure Challenge 1 – ½ year, ½ credit, Jr., Sr.

This course is intended for students who want to challenge themselves both physically and mentally through experiential learning. Students will develop skills in climbing, belaying, safety and rescue techniques, high ropes, knot tying, and orienteering. This course is also designed to incorporate activities and initiatives that develop teamwork, communication, cooperation, trust, leadership, conflict resolution and problem-solving skills. Physical fitness activities will be included on a daily basis. This course may be taken once as a junior, and once as a senior. **Recommendation from a physical education instructor is required for this class. Additionally, students ARE NOT allowed to waive out for band or athletics seasons for this class.**

Nutrition and Fitness

This course fulfills the Physical Education requirement.

This one-semester course is an integrated program which incorporates the principles of foods and nutrition. The student will analyze his/her 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 his/her 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 class may be repeated once; different topics are covered in the fall and spring semester. Each student will receive .5 credit per semester for successful completion of the program. If a student chooses to take this course as an additional PE course, they could elect to receive a .5 credit for Applied Arts rather than the .5 PE credit. **Students are not allowed to waive out of this course for athletics or band during their season.**

Eligible: 11, 12

Credit: ½ (PE)

Team Sports I

This class will consist of all boys engaged in semester long courses of special interest physical education opportunities that provide each student with individualized challenges with fitness based lessons utilizing a variety of lifelong activities; Basketball, Floor Hockey, Flag Football, Rugby, Softball, Team Handball, Ultimate Frisbee, Volleyball, Weight/Cardiovascular.

Eligible: 11, 12

Credit: ½

Team Sports II

This class will consist of all girls engaged in semester long courses of special interest physical education opportunities that provide each student with individualized challenges with fitness based lessons utilizing a variety of lifelong activities: Basketball, Floor Hockey, Flag Football, Rugby, Softball, Soccer, Team Handball, Volleyball, Weight/Cardiovascular. Students will have access to the weight and cardiovascular training room throughout the year.

Eligible: 11, 12 Credit: ½

Strength Training

Students pursue total body conditioning and develop strength, speed, agility and coordination through various physical activities. Information about various types of strength and development programs will be presented. Students will also learn to develop personalized sport-specific strength programs and continue to improve their overall health related fitness.

Eligible: 11, 12

Credit: ½

Dance Arts

Students will focus and expand their knowledge of physical fitness through participation in various dance styles. They will learn aerobic dance, jazz dance, hip-hop dance, modern dance, lyrical dance, social dance, and personal defense. Students in Dance Arts will be introduced to the history of these genres and their influence in society today. Students will have the opportunity to create, relate and perform several of these dance styles as well.

Eligible: 11, 12

Credit: ½

Modified Physical Education

A modified activity class is offered during one period of the day for students who have some type of physical restriction. The level of activity is modified to fit each participant's ability. Instruction in tennis, soccer, weight training, aerobic exercise, basketball, folk and square dance, floor hockey, and softball is provided. Enrollment is limited to those students who are recommended by Health Services.

Eligible: 9, 10, 11, 12

Credit: ½

PE Assistant

Junior and senior students who have successfully completed the Sophomore Team Building Leadership Course have the opportunity to enroll as a PE Assistant. Students will help facilitate a freshman or sophomore PE class utilizing leadership skill and practice from Sophomore Leadership.

HEALTH EDUCATION

All freshman students are required to take one semester of physical education and one semester of health education. A section of health may be offered for seniors who have not yet met this graduation requirement.

Health

Students will focus on the promotion of a healthy lifestyle through knowledge gained in the following units of study: nutrition, disease prevention, emotional health, misuse and abuse of drugs, and human sexuality. Other areas of focus may incorporate stress management, death and dying, first aid, and CPR/AED training.

Eligible: 9

Credit: ½

DRIVER EDUCATION

Department Chair: Ms. Janeé Hallahan

This semester course consists of three phases: classroom, simulation, and behind-the-wheel. Satisfactory completion of these three phases qualifies students between the ages of sixteen and eighteen to apply for their driver's license. Students must obtain their social security number prior to the beginning of the semester of their enrollment.

During the first week of the semester, all students take the vision and written tests required by the State of Illinois in order to obtain their permits to participate in the behind-the-wheel phase prior to the time the course begins. Students should have their social security number to enter on their permit application. If a student does not have a social security number a code can be entered that will allow the student to obtain a permit. However, until a student obtains a social security card/number, they will not be able to obtain a driver's license. A parent's signature is required on the permit application form which each student completes during the first week of class as well as a check to The Secretary of State. Failure to attend class during the first week of the semester may result in the student being dropped. Only the classroom phase of this program is required for graduation.

A parent's clinic is offered during the first two weeks of each semester. Parents are provided with information and strategies which will help them assist their daughters/sons in the successful operation of a car.

The State of Illinois requires that students must earn passing grades in at least eight courses during the two semesters prior to their enrollment in driver education. Students who do not meet this requirement are ineligible for enrollment.

COOPERATIVE TESTING PROGRAM:

The State of Illinois has authorized Glenbard West driver education teachers to administer the "Road Test." For a student to be eligible for participation in the Cooperative Testing Program, he or she must earn either an A or B in both the behind-the-wheel and the classroom phases of the course. A grade of C or lower in either of these phases disqualifies a student from participation in the Cooperative Testing Program.

This course requires the following fees:

\$350.00 school driving fee

\$20.00 State of Illinois driver's permit fee

A student who wishes to fulfill the graduation requirement for driver education through a private commercial driving school must obtain written permission for this from the principal. The student's guidance counselor will provide information about the necessary procedures for obtaining this special approval.

SCIENCE

Department Chair: Mr. Sean Byrne

All courses in this department carry ½ credit per semester and are laboratory courses.

The Science Department at Glenbard West shares a vision of science with the National Research Council's Framework for K-12 Science Education. We strive to produce graduates who have a "view of science as both a body of knowledge and an evidence-based, model and theory building enterprise that continually extends, refines and revises knowledge."

To meet this goal for all students, core courses offer two levels. Both levels are designed to challenge students at the appropriate level. Students are able to move in and out of the honors sequence as they consider their individual schedule from one year to the next. The chart below shows typical progression of courses for a student during their four years of high school. See "Higher Education" on page 14 for Illinois college and university requirements.

YEAR	CORE	HONORS
Freshman	Biology	Biology H
Sophomore	Chemistry	Chemistry H
<i>Sophomore Electives (may be taken in addition to Chemistry)</i>	<i>Anatomy & Physiology DNA Science Field Biology /Ecology</i>	<i>Anatomy & Physiology AP Biology AP Environmental Science DNA Science</i>
Junior	Physics	Physics H
<i>Junior Electives (may be taken in Physics)</i>	<i>Anatomy & Physiology Astronomy DNA Science Forensic Chemistry</i>	<i>AP Biology AP Chemistry AP Environmental Science Anatomy & Physiology Astronomy DNA Science Forensic Chemistry</i>
<i>Senior Electives (available to students who have completed the Biology, Chemistry, Physics sequence)</i>	<i>AP Biology AP Chemistry AP Environmental Science AP Physics Anatomy & Physiology Astronomy DNA Science Forensic Chemistry Field Biology/Ecology</i>	<i>AP Biology AP Chemistry AP Environmental Science AP Physics Anatomy & Physiology Astronomy DNA Science Forensic Chemistry Field Biology/Ecology</i>

Biology Honors

Placement is based on EXPLORE assessment scores, recommendation of 8th grade teachers and the Science Department Chairperson. 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.

Eligible: 9

Credit: 1

Biology

This course presents an introduction to living organisms, how they function, and how they interact in the biosphere. Topics include: scientific method, biochemistry, genetics, evolution, cells (structure, division, and energy usage), ecology and exploration of the various kingdoms (including some dissection). Biology is aligned with the Next Generation Science Standards.

Eligible: 9

Credit: 1

Physical Science

Physical Science is a lab-based course which provides comprehensive practice and assessment of science skills. While using the scientific method, emphasis is placed on problem-solving, measuring, analyzing data and higher-order thinking skills such as inferring, questioning, designing experiments and drawing conclusions. Students will learn the fundamentals of matter, including chemical and physical properties, phases of matter, and types of matter. Students will have a basic understanding of forces, motion, electricity and magnetism. Studies will also include Earth and Space science.

Prerequisite: Biology

Eligible: 10, 11

Credit: 1

Chemistry Honors

This course 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. 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: Biology/Biology H and Geometry

Eligible: 10, 11, 12

Credit: 1

Chemistry

Chemistry is a course that deals specifically with the nature of matter. Through lecture, laboratory activities and demonstrations, students will improve their ability to observe accurately, organize information effectively, become adept at making valid conclusions, and improve their problem-solving skills. Special emphasis is placed on quantitative problem solving. Topics include: (1) atomic theory and structure, (2) the properties of matter and how matter changes, (3) thermodynamics and equilibrium, (4) acid-base chemistry, and (5) reaction kinetics. This is a lab-based course that is aligned with Next Generation Science Standards.

Prerequisite: Biology and Algebra

Eligible: 10, 11, 12

Credit: 1

Physics Honors

This course 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 mechanics, light waves, electricity and magnetism, and atomic structure. This course will prepare students to enroll in AP Physics C.

Prerequisite: Chemistry/Chemistry H and current enrollment in Pre-Calculus Honors, Pre-Calculus or higher

Eligible: 11, 12

Credit: 1

Physics

This course presents the subject not as a body of facts, but rather as a continuing process by 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, light, waves, sound, electricity and magnetism. This course is aligned with the Next Generation Science Standards.

Prerequisite: Chemistry and current enrollment in Geometry with Trigonometry (or higher)

Eligible: 11, 12

Credit: 1

AP Courses:**AP Biology**

This course is a college-level approach to biology, building on the understanding of biology gained in Biology or Honors Biology. 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, genetics, systems, taxonomy, comparative anatomy, morphology, ecology and evolution. Students completing the course are expected to take the AP Biology examination in May.

Prerequisite: Biology/Biology Honors and Chemistry/Chemistry H (may be taken concurrently).

Eligible: 9 (by invitation), 10 (with DC permission), 11, 12

Credit: 1

AP Environmental Science

This is a course that will provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is multidisciplinary: it embraces diverse topics such as energy conservation, biogeochemical systems, and the development and management of sustainable systems. Field work, data analysis, and a laboratory component complement the readings and discussions in class. Preparation of the AP test will occur throughout the year.

Students in AP Environmental Science are expected to take the AP exam in May.

Prerequisite: Biology/Biology H and current enrollment in Chemistry (or higher)

Eligible: 10, 11, 12

Credit: 1

AP Chemistry

This 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. Successful completion of this course will qualify the student to take the AP examination which can result in the awarding of college credit and/or advanced placement at the undergraduate level. Students generally enroll in this course as Juniors, concurrent with Honors Physics. Students in AP Chemistry are expected to take the AP exam in May.

Prerequisite: Chemistry/Chemistry H and Algebra 2 with Trigonometry

Eligible: 11, 12

Credit: 1

AP Physics C

This course follows the advanced placement level C syllabus, the university-level general physics course taken by math, science and engineering majors. Emphasis is placed on problem-solving in mechanics. Laboratory work involves in-depth experiments in the above mentioned area. Depending on time constraints, successful completion of this course should qualify the student to take the AP examination which can result in the awarding of college credit and/or advanced placement at the undergraduate level. Students in AP Physics C are expected to take the AP exam in May.

Prerequisite: Physics/Physics H, Calculus (can be taken concurrently), Non-calculus students must have the permission of Department Chair and Instructor

Eligible: 12

Credit: 1

Electives:**Anatomy & Physiology**

This course is designed to heighten your interest in a health science career in just one semester. There is a strong emphasis on “hands-on” learning through dissection and many procedures you normally associate with the daily practices of health professionals. Guest speakers are frequent and offer you an inside look at what it is really like to do their jobs. Each semester has at least one field trip to various related local businesses. CPR certification is acquired as a part of this course. All of this is integrated into the conceptual framework of a “body in balance” (homeostasis).

Prerequisite: Biology

Eligible: 10, 11, 12

Credit: ½

Astronomy

This is a one semester course designed to intrigue and inform students on the latest astronomical findings and theories. A few student tasks include investigating human mission trips to Mars, examining the possibility of extra-terrestrial life, exploring the Alder Planetarium on a field trip and using real telescopes during night-time observations. This class is designed for the curious student who wants to know the truth about what is really out there.

Prerequisite: Algebra, Geometry with Trigonometry (may be taken concurrently); Physics Recommended

Eligible: 11, 12

Credit: ½

DNA Science

Using state-of-the-art lab techniques, students manipulate DNA to learn how genetic information can be identified, transferred to other cells, and used in medical, environmental, legal, and industrial applications. Students evaluate ethical issues related to biotechnology and explore potential career options in this field.

Prerequisite: Biology

Eligible: 10, 11, 12

Credit: ½

Field Biology/Ecology

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 travel to 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

Eligible: 11,12

Credit: 1

Forensic Chemistry

This is a one semester laboratory-based course that applies chemistry, physics, and biology concepts to the study of crimes. Students will analyze simulated crime scene evidence using logic and scientific reasoning. Topics include: fingerprints, blood type and spatter, hair and fiber analysis, and drug/poison toxicology. The culminating project is a research-based presentation on a poisoning case chosen by the student.

Prerequisite: Chemistry

Eligible: 11, 12

Credit: ½

AP Seminar

This year long interdisciplinary course will challenge students to think critically about contemporary world issues. Students will develop inquiry skills through writing, reasoning, and collaboration while exploring a variety of topics within the science and social studies 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 will be selected through a rigorous application process and teacher recommendations. Students are encouraged to take AP Seminar and AP Language 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.

Prerequisites: Application Process and Teacher Recommendation

Eligible: 11, 12

Credit: ½ Science elective ½ Social Studies elective

SOCIAL STUDIES

Department Chair: Ms. Kristin Brandt

All courses in the department carry ½ credit per semester.

The Social Studies Department offers two program sequences. Students may enroll in courses designated as core or honors/Advanced Placement (AP). While students will be given a recommendation, they are encouraged to challenge themselves every year. Please note, students are not locked into either sequence. All students are required to take six semesters of Social Studies including one year of U.S. History, one semester of civic education, and three semesters of Social Studies electives. All students are encouraged to take global studies courses as freshmen and sophomores, U.S. History as juniors, and to enroll in a civic education course. ***All students are required to pass an examination on the Constitution of the United States and the State of Illinois, the Declaration of Independence, and the Flag Code.***

<u>YEAR</u>	<u>CORE</u>	<u>HONORS/AP</u>
9	World History	World History Honors
10	U.S. Government & Politics (sem)	AP European History
	Contemporary World History (sem)	AP Human Geography
11	U.S. History or American Studies	AP U.S. History
12	Electives	AP U.S. Government and Politics (sem)

<u>Junior/Senior Electives</u>	
American Law 1(sem)	AP Macroeconomics (sem)
American Law 2(sem)	AP Microeconomics (sem)
Sociology(sem)	AP U.S. Government and Politics (sem)
Psychology(sem)	AP Comparative Government (sem)
Economics(sem)	AP Seminar(sem)
International Relations(sem)	AP Psychology
Western Humanities(sem)	AP European History
	AP Human Geography

World History Regular

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. This course supports District 87's global studies recommendation.

Eligible: 9

Credit: 1

World History Honors

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 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. This course supports District 87's global studies recommendation.

Eligible: 9

Credit: 1

Contemporary World History

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 event sources to further develop the reading, writing, and critical thinking skills introduced in their freshmen World History course. This course supports District 87's global studies recommendation.

Eligible: 10

Credit: ½

United States Government And Politics

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.

State of Illinois and Glenbard District #87 Requirement: Successful completion of this course fulfills the civics requirement for graduation.

State Requirement: A passing grade on the U.S. and Illinois Constitution exam is required for graduation.

Eligible: 10

Credit: ½

AP Human Geography

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 AP exam in May. Students are expected to take this exam. This course supports District 87's global studies recommendation.

Summer reading is required for this course.

Eligible: 10, 11, 12

Credit: 1

AP European History

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 of 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 AP exam in May; students are strongly encouraged to take this exam. **This course fulfills District 87's Global Studies recommendation.**

Summer reading is required for this course.

Eligible: 10, 11, 12

Credit: 1

AP Seminar

This year long interdisciplinary course will challenge students to think critically about contemporary world issues. Students will develop inquiry skills through writing, reasoning, and collaboration while exploring a variety of topics within the science and social studies 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 will be selected through a rigorous application process and teacher recommendations. Students are encouraged to take AP Seminar and AP Language 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.

Prerequisites: Application Process, Teacher Recommendation, and concurrent enrollment in AP Language

Eligible: 11, 12

Credit: ½ Science elective ½ Social Studies elective

Commitment: AP Research senior year

U.S. History

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 is required for graduation.

Eligible: 11

Credit: 1

American Studies

American Studies is an interdisciplinary, team-taught course which meets for a double period; students can earn credits in English 3 and U.S. History. American Studies explores the relationship between history and literature, providing a unique experience in the culture and history of the United States. The course will emphasize the use of primary source documents including art, music, and literature. American Studies is a project-based course that encourages students' creativity and responsibility for their own learning. Students will take several field trips in order to enhance their experience.

Successful completion of this course is required for graduation.

Eligible: 11

Credit: 1

AP United States History

The AP U.S. History course covers U.S. history from 1491 to the present and focuses 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 that 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 AP exam in May; students are strongly encouraged to take this exam.

Summer reading is required for this course.

Successful completion of this course fulfills the U.S. History requirement for graduation.

Eligible: 11

Credit: 1

AP US Government And Politics

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 group, the institutions and processes of national government, and civil rights and civil liberties. This course prepares students for the AP exam in May. Students are strongly encouraged to take this exam.

State of Illinois and Glenbard District #87 Requirement: Successful completion of this course fulfills the civics requirement for graduation.

State Requirement: A passing grade on the U.S. and Illinois Constitution exam is required for graduation.

Eligible: 11, 12

Credit: ½

Sociology

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 social research.

Eligible: 11, 12

Credit: ½

Psychology

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

Eligible: 11, 12

Credit: ½

International Relations

Relationships on the world stage are becoming more and more complex. As economies, policies, and militaries become more intertwined, the need to understand the nature of the ever-changing dynamic system increases. During this semester-long class, explore the shifting balance of global power pre-September 11th and post-September 11th, including the major players and the emerging players on the world stage. Using real-world examples, students will examine foreign policy making from a system level, state-level and individual-level perspective, the role of the United Nations on the world stage, and the advantages and disadvantages of regional and global alliances.

Eligible: 11, 12

Credit: ½

American Law 1

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.

Eligible: 11, 12

Credit: ½

American Law 2

Various economic, social, moral and political issues that confront our nation and world today are covered. Specific issues considered in American Law 2 include the American legal culture, the dynamics of civil suits, prejudice and discrimination in the legal society, consumer rights, marriage and family laws as well as the impact of divorce on American society. Students are encouraged to develop a problem solving strategy that enables them to seek out basic causes and solutions to various problems and to study current issues realistically.

Eligible: 11, 12

Credit: ½

Economics

This course introduces students to fundamental economic concepts, the basic principles of capitalism, and personal finance. Students study supply and demand, stock, 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 satisfies the consumer education requirement.

Eligible: 11, 12

Credit: ½

Western Humanities

Students study art, literature, music, history and philosophy of Western civilizations from the Golden Age of Greece to the modern age. Students investigate, question and discuss past human achievements as illuminations of the present. Students will refine reasoning skills and practice independent analytical thinking. Field trips to cultural events and independent study projects are essential to the curriculum.

Eligible: 11, 12 Credit: ½

AP Macroeconomics

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, foreign exchange rates, and 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 AP exam in May. Students are expected to take this exam.

This course also satisfies the consumer education requirement.

Eligible: 11, 12

Credit: ½

AP Microeconomics

This course emphasizes how individuals and businesses make choices with limited resources. Students examine concepts such as supply and demand and processes such as how businesses set prices and levels of output. Profit maximization is examined for all types of businesses as well as the level of competition faced within the marketplace. Students study the uniqueness of the various market structures and apply their knowledge in value based discussions regarding how to succeed in a capitalist market society. This course prepares students for the AP exam in May. Students are strongly encouraged to take this exam.

Prerequisite: AP Macroeconomics

Eligible: 11, 12

Credit: ½

AP Comparative Government And Politics

Students examine basic concepts, theories, themes, vocabulary, and methods in comparative politics. By comparing the government structures, political processes and behaviors of Great Britain, Iran, Nigeria, Russia, China, and Mexico, students evaluate the similarities and differences among these governments and analyze and interpret the causes for these differences. This course complements the AP U.S. Government & Politics course and helps students deepen their understanding of the American system by contrasting it with other systems. This course prepares students for the AP exam in May. Students are strongly encouraged to take this exam.

Eligible: 11, 12 Credit: ½

AP Psychology

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, psychological disorders. They also explore the history of psychology as well as ethics and research techniques. This course prepares students for the AP exam in May. Students are expected to take this exam.

Eligible: 11, 12

Credit: 1

SPECIAL EDUCATION

Department Chair: Ms. Jeanne Keefe

All courses in this department carry ½ credit per semester.

Enrollment in the courses listed below are based on eligibility for special education services. Students are enrolled in courses based on their Individualized Education Plan(IEP). Course availability is dependent strictly on student need as documented in each students IEP. Not all courses are offered every year.

Extended English

Two period course -1 English credit and 1 Elective credit – Prerequisite: For students reading significantly below grade as determined by standardized reading scores and recommendation. This double period English course is designed to support the most at-risk reader. Students will be immersed in Read 180 computer program emphasizing vocabulary acquisition, comprehension, grammar, writing, and communication skills. Importance is placed on intensive reading strategies in order to accelerate reading growth toward grade level proficiency.

Credit: 2

English 1

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.

Credit: 1

English 2

Students build upon reading and writing skills through a guided curriculum, Expert 21 . Through the English Language Arts curriculum, students will think critically and solve complex problems through communication and collaboration. They will make innovative use of knowledge, information, and opportunities through a combination of explicit instruction, inquiry-based learning, relevant literature and informational texts and real-world writing and projects.

Credit: 1

Academic Strategies

This course is taken in conjunction with English 2 as a double block course for an extended practice of student's English skills. Students will develop and strengthen academic reading strategies and writing abilities necessary for success in all content areas through a various genres of readings, including non-fiction novels, and argumentative writing practices.

Eligible: Students taking English 2

Credit: ½

English 3/4

Students explore Expert 21. Students focus on necessary life skills of reading, writing and speaking. They will develop vocabulary skills as well as writing skills. Students will practice participating for college placement written test. Students use this knowledge to expand their reading and writing experiences in relation to life after high school.

Credit: 1

Speech

Students give special attention to the communication process by using several experiences in which the communicator and listener are the focal points. They learn special skills in research, organization, and delivery as well as the preparation of job applications, interviews, and resumés. Students learn to make presentations using technology and creativity.

Credit: ½

Math Concepts

Students will be exposed to the basic operations necessary to solve an equation. These operations include addition, subtraction, multiplication, and division of whole numbers. These operations will be performed with manipulatives and a calculator. Students will learn to make change, tell time, estimation and budgeting. Other topics include story problem solving, fractions, decimals, proportions, and percents.

Credit: 1

Pre-Algebra

Students will be exposed to and practice the fundamental abstractions of a first year algebraic course. Included is a review of addition, subtraction, multiplication, and division of whole numbers, fractions, and decimal numbers. Students master these operations with the use of a calculator so that they are prepared to solve problems involving percent and proportion. Other topics include graphing and graph interpretation, simple geometric applications, and an introduction to equations. This course provides one of the three years of mathematics required for graduation.

Credit: 1

Algebra

Students have acquired sufficient Pre-Algebra background in mathematics to continue studying this area. They focus more on algebraic structure than on arithmetic skills. Students begin to develop essential algebraic skills involving the introduction of variables to using linear equations and inequalities to solve problems. Students will solve systems of equations, understand exponents and exponential functions, and quadratic equations.

Eligible: Recommended by guidance counselor or through a special education multidisciplinary conference.

Credit: 1

Consumer Math

Students learn the math skills they need to become knowledgeable consumers. The class focuses on math skills related to: earning money, buying food, clothing, cars, managing a household, improving a home, traveling, and managing money. Critical skills like fractions, estimating, averages, percentages, and measurement are covered and how they relate to the consumer.

Credit: 1

Applied Math

Students learn the math skills they need to enter the workforce. The class focuses on the skills will need on the job: understanding wages and benefits, calculating interest, using credit cards, and balancing business costs and profits. Critical skills like whole numbers, fractions, decimals, averages, estimating, measurements, and ratios are covered and shown how they relate to jobs. Lessons are reinforced with problem-solving activities, exercises, and review questions to give students plenty of practice and solidify their understanding of new skills.

Credit: 1

Geometry

Students will learn the basic concept of Euclidean Geometry. They will explore points, lines, and planes; focusing on plane Geometry. They will study properties, postulates, and theorems of geometric figures. These concepts will be applied to real life applications. Through this course students learn the rudimentary elements of geometry and its practical application.

Credit: 1

Algebra 2

Intermediate and College Algebra 2 with Trigonometry Part 1 is designed for students who are not yet prepared for the level of abstraction and discipline required in Algebra 2 with Trigonometry. This course involves considerable review and skill building. The connection between new topics and those covered the previous year is stressed. Upon completion of this course, students may enroll in Algebra 2 with Trigonometry Part 2 and then enroll in one semester of Trigonometry or in an elective course.

Credit: 1

Health

Students focus on self-responsibility for wellness; nutrition; maintaining a healthy body; use and abuse of drugs; alcohol and tobacco; mental/emotional health; disease prevention and control; human development; and human sexuality. They participate in small group activities with close teacher direction.

Credit: ½

U. S. History

Students focus on the chronological presentation of the major ideas, events and people of our nation's history so that they analyze and apply the relationship between the past and the present. They practice reading skills and social studies skills.

Credit: 1

World History

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 skill.

Eligible: 9, 10

Credit: 1

United States Government & Politics

Find out what is happening in Washington. Students study the government of the United States, discuss current politics, and become informed citizens who know how to make things happen. Special emphasis is placed on the functions of the legislative branch and how laws are interpreted and enforced by the judicial and executive branches. Outside influences on the American government are also analyzed. This course fulfills the Civics requirement.

Eligible: 9, 10, 11, 12

Credit: ½

Contemporary World History

Exploring the world in which they live, students investigate current and recent political, economic, and social conflicts in such places as Vietnam, Africa, the Middle East, China, and the former Soviet Union. By studying the world since 1945, students develop an historical perspective while analyzing current trends in today's world systems: global Interdependence, internationalism vs. nationalism, balance of power, nuclear diplomacy, and human rights concerns. This course fulfills the global education recommendation.

Eligible: 9, 10, 11, 12

Credit: ½

Consumer Management

Students focus on topics such as budgeting, banking, credit, taxes, managing money and consumer protection. Topics of instruction also include purchasing consumer items such as cars, housing, and appliances. *This course fulfills the consumer education requirements for graduation.*

Credit: ½

Independent Living

Students learn basic problem-solving and information-seeking skills revolving around home care, nutrition, self-esteem, personal improvement, travel, and life skills as basic consumer economics.

Credit: 1

Career Education

Students acquire job readiness skills that will prepare them to be independent members of the work force. Using research and interest inventories, students will learn about 21st century skills to ensure long-term career goals. Students are encouraged to explore a wide variety of careers and job and how to acquire them.

Credit: 1

Physical Science

Students learn the basic concepts of different branches of science. They are introduced to chemistry, physics and earth science. In the earth science unit, they gain a basic understanding of the natural world so they can answer questions such as what causes wind and why there are seasons. Students work measurement, graphing and metric conversions.

Credit: 1

Biology

Students explore the living world using the scientific method. Students work individually and cooperatively with hands-on laboratory experiments and activities. Experiments and activities include observation, demonstration, dissection, problem-solving, role-playing and class presentations.

Credit: 1

Conceptual Chemistry

This course is designed to develop a practical understanding of chemical concepts and applications. Students will explore selected topics of chemistry through lab activities, projects and discussion.

Eligible: 10, 11, 12

Credit: 1

Physical Education

Students participate in a highly structured and individualized physical fitness program which emphasizes life long activities. Students may only enroll in this course through a recommendation on their I.E.P.

Credit: ½

Integrated Instruction

Integrated Instruction courses are taught by a team of general and special education teachers in the general education setting. The special education teacher provides special education services to make adaptations, as necessary, to accommodate individual students' needs. The special education teacher delivers individualized instruction without compromising the quality or rigor of the curriculum. The content area teacher retains responsibility for the direction the curriculum. Additionally, the special education teacher retains the responsibility and dictates the special education students Individualized Education Plan(IEP). Placement recommendations are completed by the IEP team.

SPEECH

Department Chair: Jonathan Walsh

All courses in this department carry ½ credit per semester. One (1) semester of speech is required for graduation.

	<u>CORE</u>	<u>HONORS</u>
Freshman	Theater	Theater
Sophomore	Forensics	Forensics
Junior	Speech	Speech
Senior	Speech with Computer Presentations Theater Introduction to Radio/Television Television Production Acting Acting and Directing	Speech with Computer Presentations Theater Introduction to Radio/Television Television Production Acting Acting and Directing

Speech

Students examine the various components of the communication process. They engage in a variety of projects and oral presentations involving interpersonal, group, and public communication processes. Students are required to give demonstration, informative, and persuasive speeches as well as other speeches. This course is strongly recommended for those students who plan on a career which necessitates public speaking or interpersonal communication. **This course fulfills the speech requirement for graduation.**

Eligible: 10, 11, 12

Credit: ½

Speech with Computer Presentations

This course meets the needs and the interests of students who want to learn to prepare and deliver informative, persuasive and group speeches and presentations for careers in the business and professional world. Students learn how to incorporate computer technology into their presentations. This technology may include the use of the Internet, projection devices, and presentation software such as PowerPoint. The class time will be evenly divided in hands-on use of the technology as a tool for production of their presentations and speech theory and preparation. **This course may fulfill the speech graduation requirement or the business, life studies, and technology graduation requirement.**

Eligible: 10, 11, 12

Credit: ½

Forensics

Students focus on four performance areas: oral interpretation, acting, public speaking, and broadcasting. They become proficient in the selection of material, rehearsal, writing, outlining, coaching, and presentation. Students participate in performance experiences. **This course fulfills the speech requirement for graduation.**

Eligible: 10, 11, 12

Credit: ½

Introduction to Radio/Television

Students learn the fundamental aspects of production techniques of radio and television. Projects include commercials, newscasts, interviews, and other performances which require work with audio and video equipment behind the microphone and in front of the camera. **This course fulfills the speech requirement for graduation.**

Eligible: 10, 11, 12

Credit: ½

Television Production

Students use a hands-on laboratory approach to learn the fundamental aspects of performance and production techniques of television broadcasting. Focus on individual and group communication skills, school related program development, and critical evaluation of media and production are the three basic divisions of the course content.

This course fulfills the speech requirement for graduation.

Prerequisite: Successful completion of Introduction to Radio/Television and/or recommendation of the teacher.

Eligible: 10, 11, 12

Credit: ½

Theater

Students learn more about their talents and strengths as well as their effect on others through a study of the various aspects of theatre. They study the preparation of an actor as an artist, production as an integration of many related areas of theatre, and the audience as participant in the art form. This course is highly participatory; it includes individual, duet, and group performances and activities. **This course fulfills the speech requirement for graduation.**

Eligible: 9, 10, 11, 12

Credit: ½

Acting

Students learn advanced techniques in the preparation of an actor for performance. They study development of voice, body, and creative imagination through scene work and exercise activities which emphasize various styles of performance.

Prerequisite: Introduction to Theatre and recommendation of the Director of Theatre

Eligible: 10, 11, 12

Credit: ½

Acting and Directing

Upper classmen who have had success and enjoyment in the Acting class can elect to take this course. Define and sharpen skills in acting and directing to an even higher degree. Learn about college theatre programs. Explore employment opportunities in professional theatre. This course is repeatable.

Prerequisite: Passing grade in Acting or Dept. Chair/Instructor approval.

Eligible: 11, 12

Credit: ½

WORLD LANGUAGES

Department Chair: Ms. Lisa Alajoki

All courses in this department carry ½ credit per semester.

Each language program at Glenbard West offers students four full years of language study, culminating in either a level four honors, a level four regular, a level five regular or an AP course. The World Languages Department's honors courses begin at the third year of each language. Students are recommended for the honors program based on their first semester grade during the second year of language study.

Our sender schools (Glenside, Hadley and St. Petronille) are fully articulated with Glenbard West. Students who have successfully completed two years of either French or Spanish are eligible to begin their studies at West at the second year level. Placement tests are administered at the sender schools in late November or early December.

Appropriate placement of students with other foreign language experience and/or background is determined on an individual basis. Arrangements should be made with the department chair.

See "Higher Education" on Page 14 for Illinois college and university requirements.

<u>CORE PROGRAM</u>				
<u>FRENCH</u>	<u>GERMAN</u>	<u>MANDARIN</u>	<u>SPANISH</u>	<u>SPANISH HERITAGE</u>
French 1	German 1	Mandarin 1	Spanish 1	Spanish for Heritage Speakers 1
French 2	German 2	Mandarin 2	Spanish 2	Spanish for Heritage Speakers 2
French 3			Spanish 3	Spanish for Heritage Speakers 3
			Spanish 4	
			Spanish 5	
<u>HONORS PROGRAM</u>				
<u>FRENCH</u>	<u>GERMAN</u>	<u>MANDARIN</u>	<u>SPANISH</u>	<u>SPANISH HERITAGE</u>
French 3 H	German 3 H	Mandarin 3 H	Spanish 3 H	Spanish for Heritage Speakers 4 (AP Spanish Language and Culture)
French 4 H	German 4 H	AP Mandarin	AP Spanish Language and Culture	AP Spanish Literature
AP French Language			AP Spanish Literature	

French 1

Students learn to communicate in everyday situations. They practice speaking French in daily class activities, with authentic videotapes and total physical response as they build vocabulary and apply basic grammar concepts. At this level, the students begin to write postcards, skits and short paragraphs. They learn to write culturally authentic items while acquiring basic skills such as recognizing cognates and context clues. Students also make connections between France, the USA and the rest of the world as well as learning about French culture, geography, and customs.

Eligible: 9, 10, 11, 12

Credit: 1

French 2

Students continue to practice daily communication in French and to apply more complex grammar concepts and to build on their base of verbs. They read excerpts from culturally authentic material for comprehension and for vocabulary development. Students write paragraphs and letters as well as perform more complex dialogues, poems and skits. They also continue to learn about French culture and compare its aspects to their own culture.

Prerequisite: French 1

Eligible: 9, 10, 11, 12

Credit: 1

French 3/3H

Students focus on the study of grammar through reading, writing, and speaking activities. They expand their vocabulary and practice their writing skills through creative writing, mini-dramas and cartoons. Students use conversational French in class. Students study short stories and authentic literature to reinforce reading comprehension and to enhance their writing skills. Students study French culture to compare and contrast it with their own.

Prerequisite: French 2

All students enrolling in 3H must have the recommendation of their level two teacher.

Eligible: 10, 11, 12

Credit: 1

French 4H

Students study and apply grammar, vocabulary, and listening comprehension at an advanced level. They expand their speaking skills through fluency exercises, free conversation and the application of new vocabulary to everyday situations. They also improve their writing skills and they refine their reading skills through the study of contemporary fiction and nonfiction. This course is conducted entirely in French. Students are introduced to the Advanced Placement program at this level.

Prerequisite: French 3H and/or the recommendation of their level three teacher.

Eligible: 10, 11, 12

Credit: 1

AP French Language

This course is designed for qualified and highly motivated students who are interested in completing studies comparable to a third-year college-level course. These students develop their proficiency in all four areas of language learning: listening, reading, speaking, and writing. Practice in oral expression is required and special attention is given to pronunciation, fluency, and accuracy in vocabulary and grammar. Students complete in-depth studies of various French authors. This course is conducted entirely in the target language. *Completion of this course prepares students for the Advanced Placement Examination in French Language in May.*

Prerequisite: French 4 H or Recommendation of Department Chair

Eligible: 11, 12

Credit: 1

Spanish 1

Students focus on meaningful communication in all modalities of the target language: listening, speaking, reading, and writing. They engage in daily oral-aural practice, vocabulary building, and grammar exercises. They examine differences in Hispanic and American cultures through authentic videos, DVD's, reading selections, and class discussion..

Eligible: 9, 10, 11, 12

Credit: 1

Spanish 2

Students review some of the major themes and grammatical structures of the first year of study. They continue to build vocabulary and to improve their ability to read, write, listen, and speak in Spanish. More complex grammatical structures are presented, and daily oral/aural practice continues to be an integral part of the curriculum. Students are exposed to authentic Hispanic culture through an integrated telenovela and other class activities and discussions.

Prerequisite: Spanish 1

Eligible: 9 (with approval of Department Chair), 10, 11, 12

Credit: 1

Spanish 3

Students continue to study and refine their listening, speaking, reading, and writing skills. Students review basic grammatical concepts and learn advanced Spanish grammar. They develop conversational and listening skills by creating and presenting dialogues and skits as well as by exchanging ideas in free conversational sessions in Spanish. They acquire reading skills through short stories and articles in Spanish newspapers and magazines. Students gain writing proficiency through written exercises and short compositions. Spanish-speaking cultures are studied through class projects and discussion. Students are required to speak Spanish daily.

Prerequisite: Spanish 2

Eligible: 10, 11, 12

Credit: 1

Spanish 3 H

Students study grammar, vocabulary and authentic reading materials at a more advanced level. They increase their speaking skills and listening comprehension through daily practice and various related activities. Authentic audio and literature are integrated to promote listening and reading skills. Students' knowledge of Spanish speaking cultures is broadened through exposure to authentic materials. Students are required to speak Spanish daily and active class participation and daily attendance are important components of this course. Formal exposure and practice for the AP Spanish Language and Culture Exam begins in this level.

Prerequisite: Teacher Recommendation

Eligible: 10, 11, 12

Credit: 1

Spanish 4

This course will continue to emphasize the four language modalities of reading, writing, listening and speaking. Advanced grammatical concepts will be taught. Students will practice their conversational and listening skills by active participation in daily lessons. During this course they will read short novels as well as articles in Spanish newspapers and magazines. Students are required to speak Spanish every day.

Prerequisite: Spanish 3

Eligible: 11, 12

Credit: 1

Spanish 5

Hispanic History and Culture will study the history and modern day cultures of a variety of Spanish-speaking countries. Students will also study the various artistic contributions that these cultures have made to the world including cuisine, film, and art, architecture and music. This course will be conducted solely in Spanish. Students will continue to improve their language skills through in-depth assignments and projects.

Prerequisite Spanish 4.

Eligible: 12

Credit: ½

Spanish 5

Spanish in the Working World offers industry specific vocabulary encountered in a variety of career settings. These will include business, medical, law enforcement as well as the hospitality field. This course will continue to refine the four language modalities of reading, writing, listening and speaking. This course will be conducted solely in Spanish. Daily participation by students is required.

Prerequisite Spanish 4.

Eligible: 12

Credit: ½

AP Spanish Language and Culture

Advanced Placement Spanish Language and Culture is equivalent to a third-year college level course designed for highly motivated students who already have strong skills in reading, writing, speaking and listening. Instructional materials, activities, assignments and assessments are appropriate to this level. This course is conducted entirely in Spanish and its main objective is for students to develop proficiency in integrating language skills, synthesizing written and aural materials, the formal writing process, interpersonal communication, presentational speaking and aural comprehension skills. Completion of this course prepares students for the Advanced Placement Examination in Spanish Language in May.

Prerequisite: Spanish 3H or Spanish 4 and teacher recommendation.

Eligible: 12

Credit: 1

AP Spanish Literature and Culture

AP Spanish Literature and Culture is specifically designed for students who have developed an interest in literature and writing. 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 recommended by College Board. Completion of this course prepares students for the Advanced Placement Examination in Spanish Literature in May.

Prerequisite: AP Spanish language and Culture or Spanish 3H and teacher recommendation.

Eligible: 12

Credit: 1

Spanish For Heritage Speakers 1

This course is specifically designed for students who have been exposed to the Spanish language on a daily basis but have had little to no formal education in Spanish. Students will study the basic structure and rules of the Spanish Language. Beginning 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.

Eligible: 9, 10, 11, 12

Credit: 1

Spanish For Heritage Speakers 2

This course is specifically designed for those students who speak Spanish at home and have some experience writing in Spanish. This course will focus on developing students' reading and writing skills while building their existing listening and speaking skills. Students will learn structure as well as the rules of the language. Advanced grammar, spelling and punctuation will be taught. Students will expand their knowledge of the Spanish speaking countries while developing an awareness of the richness of their own culture. In addition, students will read and discuss various literary pieces from Spain and Latin America.

Prerequisite: Spanish for Heritage Speakers 1 and/or teacher recommendation.

Eligible: 9, 10, 11, 12

Credit: 1

Spanish For Heritage Speakers 3

This course is specifically designed for students who speak Spanish at home and have experience writing in Spanish. Students will study grammar, vocabulary, and authentic reading materials at an advanced level. Students will improve their reading and writing skills through daily practice and various activities. Students' knowledge of Spanish speaking cultures will be broadened. Students will speak Spanish daily.

Prerequisite: Spanish for Heritage Speakers 2 and/or teacher recommendation

Eligible: 10, 11, 12

Credit: 1

Spanish for Heritage Speakers 4 (AP Spanish and Culture)

This course is specifically designed for students who speak Spanish at home and have experience reading and writing Spanish. Students will study advanced grammar and syntax in order to write with increasing depth, sophistication, and complexity. Students will continue to expand their vocabulary through authentic reading materials such as classic Spanish and Latin American literature at an advanced level. Students will improve their reading and writing skills through daily practice and engagement in cooperative learning activities. Students' knowledge of Spanish-speaking cultures will be broadened by an in depth study of Spanish-speaking countries. The class will be conducted exclusively in Spanish and students will speak Spanish daily.

Completion of this course prepares students for the Advanced Placement Examination in Spanish Language and Culture in May.

Prerequisite: Spanish for Heritage Speakers 1, 2 & 3 or equivalent and/or teacher recommendation

Eligible: 11,12

Credit: 1

German 1

Students begin to learn the four skills necessary for language learning: listening, speaking, reading, and writing. They carry on simple conversations and write short compositions. Fundamental grammar is also presented. Students are introduced to everyday life and geography of various German-speaking countries.

Eligible: 9, 10, 11, 12 Credit: 1

German 2

Students further develop the skills they acquired in German 1 through guided conversations, skits, themes, and short reading selections. They explore various aspects of German culture; they read, write and speak in German as much as possible.

Prerequisite: German 1

Eligible: 10, 11, 12

Credit: 1

German 3H/4H

Students study German grammar and vocabulary at an advanced level. By creating and presenting original monologues, dialogues and skits, students sharpen their speaking and writing skills. Students also develop speaking and listening skills through free conversation and impromptu situation simulations. Students will expand their knowledge of the German-speaking world through geographical, historical and cultural units of study. Students will also read novels, various short stories, and articles in German.

Prerequisite: German 2 and/or German 3H

Eligible: 11,12

Credit: 1

Mandarin 1

This class serves as an introduction to the Mandarin dialect of the Chinese language. The four language skills of reading, writing, listening and speaking are developed. Cultural information regarding daily life, social customs and traditions will be incorporated into the curriculum. Good study skills and classroom participation are essential to success.

Prerequisite: None

Eligible: 9, 10, 11, 12

Credit: 1

Mandarin 2

This course is a continuation of Mandarin 1 and builds the skills of students by expanding their vocabulary and sentence patterns to achieve proficiency in the oral and written use of the language through listening, speaking, reading, and writing. Emphasis will be placed on learning to recognize and reproduce the natural flow of the spoken language as well as learning to write short essays in Chinese.

Prerequisite: Mandarin 1

Eligible: 10, 11, 12

Credit: 1

Mandarin 3H

This course continues to build students' skills by expanding their vocabulary and sentence patterns to achieve proficiency in the oral and written use of the Mandarin language through listening, speaking, reading and writing. Emphasis will be placed on learning to recognize and reproduce the natural flow of the spoken language and learning to write cohesive essays using appropriate sentence patterns in Chinese. Cultural materials and projects are integral components of the course. Students enrolled in Mandarin 3H will be presented with additional vocabulary in order to begin preparation for the AP Chinese Exam to be taken upon completion of Chinese 4H.

Prerequisite: Mandarin 2 and teacher recommendation.

Eligible: 10, 11, 12

Credit: 1

AP Mandarin

The AP Chinese Language and Culture course will serve as the capstone course in the Mandarin program at West. With the addition of this course, students currently enrolled in Mandarin 3H will have the opportunity to culminate their Mandarin studies with AP Chinese during their fourth year. AP topics and exam practice will be incorporated into the curriculum, preparing students for the opportunity to take the AP Chinese Exam in the spring.

Prerequisite: Mandarin 3H

Eligible: 12

Credit: 1



Programs Offered

Auto Body Repair & Refinishing
Automotive Technology

Computer Information Systems & Game Design
Construction Trades
Cosmetology
Criminal Justice

Early Childhood Education & Care
Electronics Technology

Fire Science / Emergency Medical Technician

Healthcare Foundations
Heating, Ventilation, Air Conditioning & Refrigeration

Medical Terminology & Healthcare Careers
Multimedia & Television Production

Nursing Assistant Training Program

Precision Engineering & Design Technology
Professional Cooking, Baking & Service

Pathway to Engineering — PLTW
Introduction to Engineering Design (IED)
foundational course
Principles of Engineering (POE) foundational course
Civil Engineering & Architecture (CEA)
specialized course
Computer Science Principles (CSP)
specialized course
Digital Electronics (DE) specialized course
Engineering Design & Development (EDD)
capstone course

Residential Wiring

Welding Technology

Going to TCD was the best decision I made in high school. It totally shaped and reinforced the confidence I put into doing what I do.

—Brett N. / Glenbard East

TCD Multimedia & TV Production alum

Full Sail University, bachelor's degree, Digital Arts & Design

Today: Filmmaker and Visual Effects Artist based in Los Angeles

Brett's YouTube channel has nearly 80,000 subscribers

See more at www.brettnovak.com



[illegible]

TABLE OF CONTENTS

EDUCATIONAL PROGRAM

Principal’s Letter	1
Enrollment Handbook	2
Important Telephone Numbers	3
Glenbard History	4
Philosophy	5
Qualities of a Graduate.....	6
Graduation Requirements.....	7
Academic Honesty	8
Comprehensive Program	9
Provisions for Individual Differences	9
Honors Program.....	9
Core Program.....	9
English Language Learners	9
Independent Study	9
Special Education	9
Courses Offered in Other Glenbard Schools	10
College of DuPage Articulated Credit.....	10
Extramural Credit Options	10
Student Services	10
Additional Resources for Students.....	11
Academic Strategies	11
Study Skills.....	11
Entended English.....	11
Computer Lab	11
Resource Period Assistance	11
Freshman Team Program.....	11
S.T.R.I.V.E.	11
Peer Tutor	11
Definition of Terms	11
Career Preparation.....	12
Career Education	12
Vocational-Technical- Technology Center of DuPage.....	12
Career Program Descriptions.....	12

PLANNING A FOUR-YEAR PROGRAM

Higher Education.....	13
NATIONAL TESTING PROGRAM	13
Attendance Requirements	14
Schedule Changes	14
Summer School	14
Selective Service Registration.....	14
ACADEMIC REGULATIONS	14

ACADEMIC REGULATIONS

Promotion	14
NCAA Requirements.....	15
COURSE DESCRIPTIONS AND REQUIREMENTS.....	15

COURSE DESCRIPTIONS AND PREREQUISITES

Art	16
Business and Family and Consumer Sciences	19
Business Education.....	19
Technology Education	20
Family and Consumer Science	22
English	24
English Language Learning	28
Technology and Engineering.....	31
Mathematics	32
Music	36
Physical Education	39
Health and Driver Education.....	41
Science	42
Social Studies	45
Special Education.....	49
Speech	53
World Languages.....	54
Technology Center of DuPage	59

Name

ID#

Counselor

TENTATIVE FOUR-YEAR PROGRAM

FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
English 1	English 1	English 2	English 2	English 3	English 3		
Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
PE or Health	PE or Health	PE or Dr. Ed.	PE or Dr. Ed.	PE	PE	PE	PE
Total Credits		Total Credits		Total Credits		Total Credits	

GRADUATION REQUIREMENTS Each number represents one semester:

English	1	2	3	4	5	6	7	Cultural Arts (Art, Music, Foreign Lang, Add'l Speech electives)	1
Speech	1							Applied Arts (Bus Ed, Family & Cons Sci, Ind Tech, TCD, COOP)	1
Social Studies	1	2	3					U.S. Government	1
U.S. History	1	2						Constitution Test	P
Mathematics	1	2	3	4	5	6		Driver Education (no credit given)	1
Science	1	2	3	4	5	6		Health	1
Physical Ed.	1	2	3	4	5	6		Consumer Ed (Cons. Mgt., Econ, AP Macro, CWT, Con Econ SE, SE Soc Studies, SE Ind. Livg.)	1
								PSAE	P

ACADEMIC CREDITS 23 credits for graduation (In addition, each student must take one semester of driver education.)

Career Interest Area

After high school, I plan to (check one)

__ attend four-year college

__ attend specialized training school or two-year college

__ work full time

__ join military

Junior or senior year, I plan to (check one)

__ attend TCD

__ enroll in Cooperative Education

__ take regular program

Summer School

TOTAL CREDITS EARNED