



GRANITE CITY HIGH SCHOOL

COURSEBOOK 2025-2026



Our Mission is to instill and inspire students with knowledge, compassion, and determination

We succeed when students and graduates:

- learn in a safe and supportive environment
- develop transferable skills for college or the workforce
- demonstrate a positive work ethic through creativity, knowledge, and independence



PORTRAIT OF A GRADUATE

Students will graduate...



Empathetic

...expressing a healthy sense of *empathy*, compassion, and self-awareness as they work to build a better future.



Resilient

...embodying a *growth mindset* and resilience to overcome adversity and navigate the challenges of life.



Collaborative

...developing relationships and working collaboratively with others to reach common goals.



Skilled

...exemplifying strong academic and communication skills that position them to lead in the local and global community.



Critical Thinker

...demonstrating the ability to think critically, solve complex problems, and innovate in a dynamic world.

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Dear Students and Families,

Welcome to Granite City High School! We are excited to embark on another enriching school year together, where our commitment to instilling and inspiring knowledge, determination, and compassion will guide every step of our journey.

At Granite City High School, we believe that our success is defined by the growth and achievements of our students and graduates. Our mission emphasizes creating a safe and supportive environment where every student can thrive. As we work together, we aim to develop the transferable skills essential for success in both college and the workforce.

This year, we will focus on fostering creativity, knowledge, and independence, encouraging each student to demonstrate a positive work ethic. We are dedicated to helping our students express a strong sense of personal integrity and civic responsibility, ensuring that they not only excel academically but also grow into compassionate, engaged citizens.

Collaboration and teamwork are at the heart of what we do. We encourage our students to work skillfully and compassionately with one another, achieving common goals that benefit our entire school community. Together, we will create an environment that celebrates diversity, inclusion, and mutual respect.

This booklet is provided to assist students and parents in making informed decisions about the course offerings at Granite City High School. A guidance counselor will assist students in selecting courses to meet the requirements for graduation and to fulfill future career plans such as college and/or occupational choices. If you have any questions concerning registration, please contact the Guidance Department at 618-451-5808 ext. 2542.

As we begin this new academic year, I encourage you to stay engaged, ask questions, and take full advantage of the opportunities available at Granite City High School. We are here to support you every step of the way and are excited to see the incredible things you will accomplish.

Thank you for being a part of our Granite City High School family. Here's to a successful year ahead!

Sincerely

Tim McChristian



Granite City Community Unit School District #9

Donald J. Harris, Ed.D. Superintendent of Schools

2025-2026 SCHOOL CALENDAR

August 11-13	Teacher Institute - Staff Reports
August 14	FIRST DAY OF STUDENT ATTENDANCE
September 1	NO SCHOOL - Labor Day
October 10	NO SCHOOL - County Institute
October 13	NO SCHOOL - Columbus Day
November 10	NO SCHOOL - Non Attendance Day
November 11	NO SCHOOL - Veterans' Day
November 24	NO SCHOOL - Parent/Teacher Conferences {PM Schedule}
November 25	NO SCHOOL - Parent/Teacher Conferences {AM schedule}
November 26-28	NO SCHOOL - Thanksgiving Break
December 22, 2025	NO SCHOOL - Winter Break
January 2, 2026	
January 5	Full Day Professional Learning {PLD - #1}; NO STUDENT ATTENDANCE
January 6	Students Return for Spring Semester
January 19	NO SCHOOL - MLK Day
February 16	NO SCHOOL - Presidents' Day
March 18	Full Day Professional Learning {PLD - #2}; NO STUDENT ATTENDANCE / Parent Teacher Conference
March 30, 2025 - April 6, 2025	NO SCHOOL - Spring Break
April 29	Full Day Professional Learning {PLD - #3}; NO STUDENT ATTENDANCE
May 22	LAST DAY OF STUDENT ATTENDANCE
May 25	NO SCHOOL - Memorial Day {If Necessary}
June 1	Last Day of Student Attendance If <u>ALL</u> Emergency Days Used

Approved at the ~~NOV. 2024~~ Board of Education Meeting (SUBJECT TO CHANGE)

JAMES J. GREENWALD ADMINISTRATION BUILDING 3200 MARYVILLE ROAD GRANITE CITY, ILLINOIS 62040-5144
PHONE NUMBER: 618.451.5800 FAX NUMBER: 618.452.7180 | WEBSITE: www.gc92.net

Granite City High School | Home of the Warriors | 3148 Fehling Road, Granite City, Illinois, 62040

GCHS Administration	E-mail	Phone 618-451-5808
Mr. Tim McChristian Principal	tim.mcchristian@gcsd9.net	ext. 2501
Mr. Marvin Battle Asst. Principal <i>Evening Academy</i>	marvin.battle@gcsd9.net	ext. 2510
Mr. Chris Hutchings Asst. Principal <i>Curriculum, Dual Credit, Running Start, State Testing</i>	chris.hutchings@gcsd9.net	ext. 2512
Mrs. Christie Moad Asst. Principal <i>504 Plans, Edgenuity, Homebound</i>	christie.moad@gcsd9.net	ext. 2515
Ms. Nikki Petrillo Asst. Principal <i>Records, Transcripts, Summer School, Graduation</i>	nikki.petrillo@gcsd9.net	ext. 2508

The administration at Granite City High School plays a vital role in creating a supportive and effective learning environment by overseeing academic programs, student services, and staff development. They are dedicated to fostering a positive school culture that encourages student achievement and engagement while addressing the diverse needs of the school community.

Guidance Department	E-mail	Phone 618-451-5808
Mr. Jeff Hayes, Dept. Chair <i>Last names Hb-N</i>	jeff.hayes@gcsd9.net	ext. 2533
Mr. Scott Fandrey <i>Last names O-Z</i>	scott.fandrey@gcsd9.net	ext. 2529
Mrs. Samantha Hubbard <i>Last names A-Ha</i>	samantha.hubbard@gcsd9.net	ext. 2541
Mrs. Sarah Kilpatrick <i>IEP Student Counselor</i>	sarah.kilpatrick@gcsd9.net	ext. 2524
Social Workers		
Mrs. Angie Bodden	angie.bodden@gcsd9.net	ext. 2504
Mrs. Jennifer Geiger	jennifer.geiger@gcsd9.net	ext. 2539
Secretary		
Mrs. Latrice Bush	latrice.bush@gcsd9.net	ext. 2542

Students may visit the [Guidance Department on the high school website](#) for college, scholarship, testing, career planning, NCAA, and other information. There are also resource links available to assist with high school and post-secondary education planning. Please contact your student's guidance counselor with any scheduling questions.

Athletic Department		E-mail	Phone 618-451-5808
Mr. John Moad	Athletic Director	john.moad@gcsd9.net	ext. 2514
Mr. Eric Hill	Asst. Athletic Director	eric.hill@gcsd9.net	ext. 2532
TBD	Athletic Trainer		ext. 2544

Granite City High School offers a wide variety of athletic opportunities for students to participate in throughout the year, fostering teamwork, discipline, and school spirit. Our dedicated coaching staff strives to help each student-athlete reach their full potential, both on and off the field. For more information on upcoming events and to register for sports, please visit our [events calendar](#) and [sports registration page](#).

Department Chair	Department	E-mail	Phone 618-451-5808
Ms. Denise Albrecht	Math	denise.albrecht@gcsd9.net	ext. 2519
Mr. Chris Harrison	Business & Technology	chris.harrison@gcsd9.net	ext. 2526
Mr. Bruce Frank	Driver's Education	bruce.frank@gcsd9.net	ext. 2540
Mrs. Julie Schrieber	Science	julie.schrieber@gcsd9.net	ext. 2534
Mr. Jake Janek	Physical Education	jacob.janek@gcsd9.net	ext. 2547
Mr. Billy Laycock	Industrial Technology	billy.laycock@gcsd9.net	ext. 2532
Mrs. Lisa Miller	English	lisa.miller@gcsd9.net	ext. 2520
Mrs. Debra Mills	Special Education	debra.mills@gcsd9.net	ext. 2521
Mr. Wyatt Roberds	Fine & Performing Arts	wyatt.roberds@gcsd9.net	ext. 2528
Mr. Vince Willaredt	Social Studies	vince.willaredt@gcsd9.net	ext. 2505

Department chairs at Granite City High School are responsible for leading their respective academic areas, ensuring that curriculum standards are met and instructional practices are effective. They serve as a vital link between faculty and administration, facilitating communication and collaboration to enhance the educational experience. Additionally, department chairs provide mentorship and support to teachers, helping to foster professional growth and a culture of continuous improvement.

School Resource Officer	Email	Phone 618-451-5808
Elliot Brinkmeyer	Granite City Officer eiliot.brinkmeyer@gcsd9.net	ext. 2517

The school resource officer at Granite City High School plays a crucial role in maintaining a safe and secure environment for students and staff by providing law enforcement expertise and support. In addition to ensuring safety, the officer fosters positive relationships with students, serving as a mentor and resource for conflict resolution and crime prevention.

This booklet is provided to assist students and parents in making informed decisions about the course offerings at Granite City High School. A guidance counselor will assist students in selecting courses to meet the requirements for graduation and to fulfill future career plans, such as college and/or occupational choices. If you have any questions concerning enrollment at Granite City High School, please visit our [registration website](#).

GCHS Graduation Requirements				
ACADEMIC AREAS	GCHS Graduation Requirements	2-Year College, Vocational School, or Military	4-Year College or University	4-Year Highly Selective College or University
ENGLISH	4 Years	4 Years	4 Years Emphasis on writing, literature, and oral communications	4 Years Emphasis on writing, literature, and oral communications
MATHEMATICS	3 Years Algebra content Geometry content Additional course	3 Years Requirements may vary, check with school or recruiter	3 Years Minimum College prep Algebra College prep Geometry Additional college prep math course (<i>STEM majors should take 4 years.</i>)	4 Years Recommended College prep Algebra College prep Geometry Additional college prep math class such as Pre-Calc or Calculus
SCIENCE (Laboratory Sciences)	2 Years	2 Years	3 Years Minimum College prep courses in Biology, Chemistry, Physics, Anatomy, or Environmental Science. (<i>STEM majors should take 4 years.</i>)	4 Years Recommended College prep courses in Biology, Chemistry, Physics, Anatomy, or Environmental Science
SOCIAL STUDIES	2 Years US History - 1 year Civics - 1 semester Consumer Education course OR Elective – 1 semester	2 Years	3 Years Emphasis on History and Government	3-4 Years Check with specific school for requirements
FOREIGN LANGUAGE	None required Spanish is offered as an Elective	None required	2-3 Years*	3-4 Years*
FINE ARTS OR VOCATIONAL EDUCATION	1 year Choose from elective courses	None required	2 Years** May include Music, Art, Business or Industrial Tech courses	1 Year Recommended
ADDITIONAL REQUIREMENTS	Driver Education, Health, Consumer Ed., Computer Literacy			
PHYSICAL EDUCATION	6 semesters/12 quarters Guidance Counselors have information related to waivers			

*Foreign language preparation may be recommended or required by colleges or universities. **State supported schools in Illinois may accept vocational education or fine arts courses in lieu of foreign language; check with specific colleges. The chart above compares the academic expectations of various secondary opportunities available to graduates. It is intended only as a general guide. High school Guidance Counselors are a resource but specific questions should be directed to the admissions department at the college/university. Their decisions are usually based on the number of academic courses taken by a student, his/her grade point average (GPA), and the standardized admission test score (ACT, SAT).

Each year, students collaborate with counselors, teachers, and parents to plan their course schedules, ensuring choices align with their interests, abilities, and long-term goals. Starting in November, counselors will meet with students to discuss their options, and incoming freshmen will register during course selection nights with staff guidance; course placements are based on department criteria, and final verification sheets are sent home in the spring to confirm selections before the master schedule is created over the summer. After the schedule is finalized, course changes may not be possible, depending on availability.

Graduation Planner

We urge all students to aim higher than just meeting the minimum graduation requirements and to take full advantage of the educational opportunities offered at GCHS. It is recommended that students discuss their four-year academic plan with their parents or guardians each year, prior to course selection, to ensure that their long-term educational goals are clearly outlined and can be accomplished throughout their high school journey. Students can also update their plans at any time by scheduling a meeting with their counselor.

Course Load

Every student must be enrolled in the following each semester:

- At least five credits of coursework
- A Physical Welfare, Dance and/or Driver's Education course (or meet the criteria to qualify for a waiver)
- A Warrior Time (homeroom) class
- Lunch period.

Students must meet the State of Illinois requirement of 300 minutes of supervision each day.

REQUIREMENTS

Driver Education Graduation Requirement

To meet the State of Illinois Driver Education requirement, students can either: complete Driver Education at GCHS, provide a Certificate of Successful Completion from a commercial driving school, or submit a copy of their Illinois driver's license if it was issued before the age of 18. To qualify for Driver Safety and Driver Training, students must have earned eight credits in their previous two semesters.

Economics or Personal Finance Graduation Requirement

A semester of Economics or Personal Finance is required for graduation. This requirement can be met by taking any of the following courses: Economics, Consumer Home Management, or Adulting 101 (if another social studies elective has been completed).

English Graduation Requirement

Students must complete eight semesters of English for

graduation, typically taking one class per semester, unless planning to graduate early. Two of these courses must be writing-intensive, and further details on these courses can be found in the course descriptions.

Health Graduation Requirement

One semester of Health Education is required for graduation.

Mathematics Graduation Requirement

A total of six semesters in mathematics is required, which must include at least two semesters of Algebra and two courses that cover geometry content.

Physical Welfare Graduation Requirement and Waivers

Students are required to complete 6 semesters (12 quarters) of Physical Education unless they receive an athletic waiver (see the Athletic Waiver Policy for more details).

Science Graduation Requirement

Students must complete four semesters of science.

Social Studies Graduation Requirement

The social studies graduation requirements include: two semesters of U.S. History (or AP U.S. History), one semester of Economics or Consumer Home Management (unless another social studies elective has been taken), and one semester of civics (or AP Civics). Students who successfully complete the required government course will meet the state's one-semester civics requirement. In addition, students must pass assessments on both the Illinois and U.S. Constitutions within the government course to fulfill the state's graduation requirement.

ACT Graduation Requirement

The ACT is a required state exam for all Illinois high school students. Granite City High School follows the Illinois State Board of Education's (ISBE) guidelines and administers the PreACT 9 to freshmen, PreACT Secure to sophomores, and the ACT to juniors. The ACT given during the school day in the spring is a graduation requirement in Illinois, and no other ACT administration can fulfill this requirement. ACT scores will not appear on a student's transcript.

NCAA ELIGIBILITY REQUIREMENTS FOR

DIVISION I AND II ATHLETES

Students wishing to compete in athletics at the Division I or Division II college level must meet the academic eligibility criteria set by the National Collegiate Athletic Association (NCAA). For detailed information about the eligibility requirements for Division I and Division II, please visit: www.ncaa.org/student-athletes/future/academic-standards-initial-eligibility. The most current list of approved core courses at Granite City High School is available in the course descriptions.

STUDENT SCHEDULES

Schedule Changes

A new master schedule is developed each year based on students' course selections. Students have the opportunity to adjust their course requests during specific times in the spring and summer. However, it is important to note that changes may not be possible depending on course availability. Requests for teacher changes will not be accommodated. Students can view their finalized schedules through Skyward in the week leading up to the start of school.

Class Transfer Guidelines

Students are not allowed to switch classes based on preference, as those changes should have been made when verification sheets were issued. To transfer into another accelerated class in the same subject area after dropping one, a student must meet accelerated standards and gain approval from a committee consisting of their counselor, department chair, and the principal or designee. Schedule changes for electives may be requested within the first five days of attendance, but dropping a class for a study hall after 3:00 PM on the 25th day of the semester requires signed documentation and results in a grade of "F."

Accelerated Drop Guidelines

All accelerated students are expected to remain in the class if enrolled on day one, although freshmen may drop by the five-week mark or earlier with teacher approval. Students earning a "C," "D," or "F" in an accelerated class by the fifth week should consider moving to a regular section using a Class Transfer Form, which must be signed by both the student and parent, and submitted to the department head for processing. In rare cases, students may be moved later in the semester due to special circumstances, and those who decline the opportunity to transfer will receive the grade they earn, with a "D" or "F" in an accelerated class calculated as a regular, non-weighted grade and parents will be notified of the change.

School Day Schedule

The Granite City High School day runs from 7:40a.m. to 2:25p.m., and students are expected to be present during these hours. Each day consists of eight periods, each lasting approximately 50 minutes, which include a required Warrior Time and a lunch break. Throughout the year, alternate schedules may be implemented to accommodate special activities and meetings.

Course Availability

For a course to be offered in a given year, there must be enough student enrollment. If a course does not receive sufficient interest, it will not be available in the upcoming school year. Decisions about course sections are made in the spring as the master schedule is developed. In cases where a course is not available, counselors will reach out to affected students to help them choose an alternative.

Summer School

Granite City High School offers a summer school program that provides both enrichment and remediation opportunities. Courses taken during summer school are included on the student's transcript and may be completed while the student is still attending high school.

Early Graduation

Students who wish to graduate early must meet with their counselor to determine whether they are eligible. If it is determined that the student can meet graduation requirements ahead of the scheduled graduation semester, the student, with parent/guardian approval, must complete an "Early Graduation" form, available from the counselor.

GRADING

GRADING SCALE

90-100	A
80-89	B
70-79	C
60-69	D
59 & BELOW	F

Course Syllabus

Within the first five days of each semester, all instructors will provide students with a course syllabus. This document will outline the overall objectives of the course, the specific knowledge and skills students are expected to gain, the activities involved, and the grading procedures. Course syllabi are also available for each individual course in this coursebook.

SPECIAL SCHEDULING PROVISIONS

Grade Point Average (GPA)

At the end of each semester, and following summer school, students' Grade Point Averages (GPAs) are calculated on both a weighted and an unweighted basis.

- The **weighted GPA** is computed by applying a scale that assigns different values to grades based on the level of the course. For example, honors or advanced placement courses may carry higher grade-point values, reflecting the increased rigor of these courses.
- The **unweighted GPA**, on the other hand, is based solely on the grades earned, without factoring in course difficulty. Each grade is converted into a standard numerical value and averaged across all courses to calculate the GPA.

Course weights on a 5.0 scale for the classes of 2027 & 2028:

	A	B	C	D	F
Regular Classes	5	4	3	2	1
Accelerated Classes	6	5	4	2	1

Course weights on a 4.0 scale for the classes of 2029 & beyond:

	A	B	C	D	F
Regular Classes	4	3	2	1	0
Accelerated Classes	4.75	3.75	2.75	1	0
Honors	5	4	3	1	0

It is important to recognize that GPA calculations are crucial for a variety of academic purposes, including college admissions, scholarship eligibility, and honors placement. Moreover, it is advisable for students to monitor their performance regularly and to seek guidance from academic advisors should they have any questions or concerns about how their GPA is being calculated, particularly if they are enrolled in advanced coursework.

Accelerated Courses

Granite City High School offers accelerated classes that challenge students with a faster-paced curriculum and a broader scope of content, designed to deepen their understanding of subjects. These courses are weighted, providing a GPA bump to recognize the increased rigor and the advanced academic skills required for success.

Honors Courses

Granite City High School offers Honors classes that provide a more rigorous and in-depth academic experience for students seeking greater challenges. These courses feature an accelerated pace, enhanced critical thinking opportunities, and a deeper exploration of subject matter. Designed to prepare students for advanced coursework, Honors classes are weighted to reflect their increased difficulty and the higher level of academic commitment they require.

Advanced Placement Courses

AP courses at Granite City High School are designed to push students academically by offering a more rigorous and challenging curriculum that encourages critical thinking and deeper analysis. These courses require a higher level of commitment and intellectual engagement, preparing students for college-level work. Advanced Placement courses provide students with the opportunity to earn college credit through AP exams.

Exclusions

The following courses are not included in the calculation of a student's grade point average (GPA):

- Driver Education
- Courses graded with a Pass (P) or Fail (F)
- Courses completed by home-schooled students
- Audit, independent study, and GPA-waived courses
- External credit courses
- Any course where the standard outcomes have been significantly altered for an individual student

Transfer Students

The academic records of transfer students will be evaluated individually. Each course grade will be assigned the weight of its closest equivalent in the GCHS curriculum. The registrar/assistant principal will make the final determination regarding the evaluation of transfer student records.

Grade Point Waiver (Credit Only Classes)

Students meeting the criteria listed below may elect to take one subject per semester for credit only. Any course which is being taken to satisfy graduation requirements or the requirements for admissions to an Illinois college, may not be taken for credit only.

1. The student must have a cumulative GPA of 5.0 or higher. Freshmen are not eligible.
2. The student must be enrolled in and complete six full-hour classes each semester.
3. The student, at the end of the course being taken for credit only, has completed work that would have resulted in the student receiving a grade of "A" for the semester. (A letter grade of "A" must be received even if the class is an accelerated class.) In other words, a grade of "B" or below would result in the letter grade being calculated as part of the GPA.

Students may elect to take any summer school course for credit only provided the course is not being taken to satisfy graduation requirements or the requirements for admission to an Illinois college. The student must also meet requirements 1 and 2 above. A vocational course may also be considered if all necessary requirements are met.

Grade Point Waiver Procedures:

1. The student must obtain a permit from the Registrar's Office and return it to his/her guidance counselor before the last day of the semester. Before issuing the permit, the information will be checked to see if the student meets the requirements for taking a class for credit only. This permit may not be used in conjunction with the P.E. Waiver.
2. The Registrar's Office will determine whether the student qualifies for credit-only status. If the student does not earn an "A" grade, the earned grade will be recorded instead.

Athletic Waiver Policy

A student in grades 9-12 may submit a waiver form to the building principal requesting to be excused from physical education courses for the reasons stated below.

- Enrollment in a marching band program for credit;
- Ongoing participation in an interscholastic or extracurricular athletic program;
- Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th or 12th grade); or
- Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate (student must be in the 11th or 12th grade).

STUDENT SUPPORT SERVICES

College and Career Support Services

- Tutoring is available two days a week before and after school in the Media Center. Teachers are available during this time to help students with their coursework. Peer tutoring is available during half hour lunch periods; students may attend for assistance with homework or to help prepare for tests.
- The GCHS Media Center is open two days a week after school for students needing to conduct research, type papers, or work on projects for class assignments. The GCHS Media Center provides information related to career research and links to databases for specific course research.
- The GCHS Guidance Department provides scholarship, testing, and post-secondary planning information.
- GCHS may offer students the opportunity to attend College Night on the SIUE Campus to meet with approximately 100 colleges to learn more about their programs of study.
- GCHS provides Financial Aid workshops for students and parents.
- GCHS provides a FAFSA night (Free Application for Federal Aid) for students and parents to complete the necessary documentation to meet college entry requirements.

- GCHS may host an Industrial Career Night for students interested in attending a technical or industrial school upon high school graduation.
- GCHS may offer SAT test-prep workshops each Spring through the ZAPS organization. GCHS may offer SAT or PSAT study hall options for students to help them prepare for state testing.
- Study sessions are arranged by staff the week before final exams. Students are encouraged to form groups, bring study materials, and prepare for their assessment with their peers and teachers in a supportive and casual atmosphere.
- GCHS has two social workers and four counselors available to assist students with any personal or confidential needs.

Incomplete Grades

Students who receive a grade of "Incomplete" must complete the necessary make-up work in a timely fashion according to each teacher's guidelines before a letter grade will be assigned.

Homework Requests

Students are responsible for requesting and making up classwork if they are absent from class. When students are absent from class, please follow these suggestions:

- review the class Google Classroom page
- Email the teacher
- Utilize Skyward
- Contact your guidance counselor to schedule a time when a parent or guardian can pick up work during the absence.

GCHS Evening Academy

Granite City High School provides an evening academy for students who may be struggling in the regular school day environment. Using a combination of teacher taught and online classes, the evening academy offers students the opportunity for credit recovery and promotes work force readiness. Students may be extended an invitation to be part of the academy depending upon their specific needs and educational requirements.

Education Support Services Center

The ESSC Program is an in-district program designed to improve communication along with problem solving skills while addressing social/emotional aspects in the learning environment. At the same time, the program is designed to hold students accountable for their behavior and equip them with a toolbox of coping mechanisms. While attending the ESSC Program, students will continue to work on curriculum that aligns with homeschool grade level curricula while receiving direct instruction from the teacher and paraprofessional at the center. Students may be able to return to the regular high school setting based upon their progress.

GRADUATION AND HONORS PROGRAMS

Secondary Honors Program

The Secondary Honors Program identifies eligible ninth graders based on a combination of standardized test scores, state assessment results, and a minimum 4.75 GPA from junior high school. Students in the program are required to take accelerated courses in four key disciplines—English, Foreign Language, Mathematics, Science, and Social Studies—and maintain a high GPA throughout their high school years. Re-evaluation for continued participation occurs each semester, with students required to uphold rigorous academic standards and complete a prescribed number of accelerated courses to remain in good standing. For more information, contact the Secondary Honors Coordinator, Mrs. Julie Schreiber at Julie.schreiber@gcsd9.net.

Honor Roll

The honor roll will be compiled each semester and will be based on grades for that semester. Grades will not be based on an accumulated average. Students must have a 4.2 grade point average or better for the current semester and must have earned at least two (2) credits that semester. High honors will be indicated for students achieving an average of 5.0 for the current semester. Names will be listed alphabetically within each category and will also be divided by class in school.

Honor Graduates

Students who achieve the highest-grade point average will, upon graduation, be recognized as Summa Cum Laude, Magna Cum Laude, and Cum Laude.

The building guidelines for the class of 2027 & 2028 for those distinctions are as follows:

- **Summa Cum Laude:** GPA of 5.6 (Each student achieving this distinction will receive a Class Rank of #1.)
- **Magna Cum Laude:** GPA of 5.3 – 5.59
- **Cum Laude:** GPA of 5.0 – 5.29
- The Principal's Trophy will be given to all students with the above distinctions.
- All students who have achieved a GPA of 4.25 or above may wear a gold tassel.
- All students who have received a Personal Choice Award may wear their medal at graduation.
- Beginning with the class of 2026, students recognized as Summa Cum Laude will need an unweighted GPA of 4.0 to be offered the opportunity to speak at the May graduation ceremony.

The building guidelines for the class of 2029 and beyond for those distinctions are as follows:

- **Summa Cum Laude:** GPA of 4.6 (Each student achieving this distinction will receive a Class Rank of #1.)
- **Magna Cum Laude:** GPA of 4.3 – 4.59
- **Cum Laude:** GPA of 4.0 – 4.29
- The Principal's Trophy will be given to all students with the above distinctions.
- All students who have achieved a GPA of 3.25 or above may wear a gold tassel.
- All students who have received a Personal Choice Award may wear their medal at graduation.
- Beginning with the class of 2026, students recognized as Summa Cum Laude will need an unweighted GPA of 4.0 to be offered the opportunity to speak at the May graduation ceremony. If no student meets the established standard for selection as a graduation speaker, the building administration will designate the student or students with the highest cumulative grade point average (GPA) to deliver an address at the graduation ceremony.

Transcripts

Students may request transcripts by logging onto www.parchment.com. Some transcripts might require a fee to be submitted online prior to the request being processed. College admission test scores are not included on the transcripts. Students must request these test scores to be sent directly to colleges and universities. This may be done through the various testing agencies' websites. For information regarding ACT test scores, visit: <https://www.act.org/content/act/en/products-and-services/the-act/scores.html> For SAT exam scores, visit: <https://satsuite.collegeboard.org/sat/scores/getting-scores/your-scores> For AP exam scores, visit: <https://apstudents.collegeboard.org/view-scores>

DUAL CREDIT OPPORTUNITIES

GCHS offers a variety of dual-credit programs for accommodating the post-secondary goals of our students. We continually review our programs to create new opportunities.

St. Louis University (SLU)

GCHS partners with St. Louis University through the SLU 1818 Advanced Credit Program to offer college-prep courses.

GCHS offers the following dual-credit courses through SLU:

AP American History 1A	3.0 credits (HIST 1600)
AP American History 2A	3.0 credits (HIST 1610)
Global Issues, GI(A)	3.0 credits (POLS1600)
Chemistry 3A	3.0 credits (CHEM 1110) 1.0 credit (LAB 1115)
Chemistry 4A	3.0 credits (CHEM 1120) 1.0 credit (LAB 1125)
*AP Biology 3A & 4A	3.0 credits (BIO 1240) 1.0 credit (LAB 1245)
*AP Calculus 1A & 2A	4.0 credits (MATH 1510)
* AP Calculus 1A & 2A and AP Biology 3A & 4A are yearlong courses	

SLU 1818 tuition is currently offered at the discounted rate of \$75 per credit hour. The on-campus rate is \$1680 per credit hour. The GCHS teaching staff will provide further information for students enrolled in SLU courses. Students may enroll in 11 hours per semester. Yearlong course hours are counted in both semester total enrollment hours.

AP Course Offerings

AP courses are College Board approved classes. Students may take an AP test in the Spring semester to earn a transferable score to a college or university. **Any student wishing to take the AP exam at the end of the course will be responsible for the testing fee set by College Board.** See your guidance counselor for more information.

AP Courses: Civics A, Biology 3A&4A, Calculus 1A&2A, American History 1A, American History 2A.

Southwestern Illinois College (SWIC)

GCHS partners with Southwestern Illinois College (SWIC) to offer dual credit in accelerated, college-prep, and vocational courses, while also participating in the Running Start and Running Start 1.0 programs.

GCHS offers the following dual-credit courses through SWIC:

English 7 or 7A (GPA REQ)	3.0 credits (ENG 101)
English 8 or 8A (GPA REQ)	3.0 credits (ENG 102)
Environ. Science, ES(A)	3.0 credits (BIO 106)
*Graphic Design	3.0 credits (CIS 168)
*Illustrator CC	3.0 credits (CIS 171)
*Photoshop	3.0 credits (CIS 172)
*Website Coding/Design	3.0 credits (CIS 174)
*Video Production	3.0 credits (CIS 230)
Computer Concepts (A)	3.0 credits (OAT 130, 132, 133)
*Tech Essentials	2.0 credits (OAT 170)
Adulting 101	3.0 credits (MGT 117)
*Digital Marketing	3.0 credits (MKT 126)
*Small Business Basics	3.0 credits (MGT 201)
Spanish 5 & 6	3.0 credits (SPAN 101)
Latin American Lit. 1A	3.0 credits (SPAN 102)
Latin American Lit. 2A	3.0 credits (SPAN 201)
Voc. Machining 1 & 2	4.0 credits (PMT 101)
Voc. Machining 3 & 4	2.5 credits (PMT 110)
Voc. Bldg. Trades 1 & 2	4.0 credits (CMT 145)
Voc. Welding 1 & 2	6.0 credits (WLDT 101)
Voc. Welding 3 & 4	5.0 credits (WLDT 152)
Voc. Electricity 3 & 4	3.0 credits (EET 131)

*Course may not be offered every year.

There are no tuition costs for students enrolled in SWIC dual-credit classes offered on the GCHS campus. The GCHS teaching staff will provide further information for students enrolled in SWIC courses. GPA requirements may apply to specific courses.

Running Start and Running Start 1.0

The Running Start Program is an off-campus dual-enrollment program which allows students to earn both their high school diploma and associate's degree while attending classes on the SWIC campus. Regular tuition and fee costs apply for students enrolled in the program.

COURSE DESCRIPTION INFORMATION

Department Course Listings

The courses offered at GCHS are listed by department. The departments are listed in alphabetical order within this book.

Course Titles

Course titles represent the specific name or subject of a class, reflecting the content and focus of the course, such as "Algebra I" or "Biology," to help students and educators understand the areas of study and skills being taught.

GCHS Course Code

Course codes are a unique identifier assigned to each course, used to distinguish it from other courses, track enrollment, and ensure accurate record-keeping within the school's curriculum system.

Illinois State Course Code

An Illinois state course code is a standardized alphanumeric identifier assigned to each course offered by schools in the state, ensuring consistency in course reporting and alignment with state educational requirements and data systems.

Grade Levels

Grade levels refer to the specific years of high school—such as ninth, tenth, eleventh, or twelfth grade—during which students typically take certain courses based on their academic progression and required curriculum.

Course Credit

The credit available for each course is indicated and calculated into the overall graduation requirements.

Course Pathway

Course pathways provide students with specialized academic routes that can align with their career interests and goals; these are categorized as: college prep, tech prep, and electives.

NCAA

NCAA (National Collegiate Athletic Association) -approved courses are labeled in the course description.

Course Type

Some course titles include special designations. The following explains the significance of these designations:

- **Advanced Placement (AP) Courses** – AP courses meet the requirements of the College Board Advanced Placement curriculum. These courses are designed to prepare students to take the advanced placement test for that course, an optional test given in the Spring. Depending upon the student's score and the criteria of the specific university, students may earn college credit.
- **Accelerated Courses** – these courses are more rigorous, enriched, and are taught at an accelerated pace. These courses receive weighted grades.
- **Co-Taught Classes** - Co-taught classes are collaborative learning environments where two educators—typically a content specialist and a special education teacher—work together to provide individualized instruction and support, ensuring that all students, including those with diverse learning needs, receive a high-quality, inclusive education.
- **Basic Classes** – These classes are designed to provide individualized instruction and support to students with diverse learning needs, ensuring they have equal access to a rigorous education while receiving the accommodations and resources necessary for their success.

Dual Credit

If a course provides the opportunity for a student to earn college credit through SLU 1818 or SWIC, it will be identified as a dual-credit course by the school symbol. SLU and SWIC may require a minimum GPA for enrollment. Check with guidance counselors for more information.

Prerequisites

Any specific prerequisites for the course are listed behind this label. Please follow these closely to ensure the student has success within the course.

Course Description

These provide a detailed overview of the content, objectives, and expectations of a class, outlining what students will learn, the skills they will develop, and any prerequisites or requirements for enrollment.

Notes

Notes offer additional information or clarifications, such as grading policies, or any specific instructions that help students understand expectations and successfully complete the course.

BUSINESS DEPARTMENT

The business department offers a diverse range of courses designed to prepare students for successful careers in the world of technology and digital media. Our curriculum emphasizes creativity, innovation, and problem-solving, providing a strong foundation in areas like video production, graphic design, accounting, and other technology-driven fields. Teacher teams work collaboratively to create dynamic learning environments that are inclusive, relevant, and engaging. We integrate technology throughout our courses to ensure students are well-equipped to navigate the rapidly changing landscape of the digital world. A focus on practical, real-world applications helps students develop the technical skills, critical thinking, and communication abilities they need to thrive in today's interconnected society. Through these courses, students gain the confidence and expertise to pursue careers that align with their passions and goals, preparing them for success both now and in the future.

Adulting 101

Course Code: BUS157

State Course Code: 12105A001

Grade Levels: 11th & 12th

Credits: 0.5 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Computer Concepts / Computer Concepts A

This course provides a comprehensive exploration of the financial decisions individuals encounter throughout their lives. Students will learn essential skills for personal financial management, starting with career exploration and income potential. Key topics include creating and maintaining a budget, understanding credit and debt, and evaluating insurance needs. The course also covers investments, from stocks and bonds to real estate, along with practical guidance on taxes. Students will develop strategies for long-term financial goals, such as retirement planning, while learning how to navigate financial challenges. By the end of the course, students will be equipped with tools for making informed financial decisions.

Notes: This course meets the consumer education graduation requirement.

Advanced Video Production I

Course Code: BUS178

State Course Code: 10201A002

Grade Levels: 11th & 12th

Credits: 0.5 Credit

Prerequisites: Video Production

This advanced video production course builds on foundational skills from the previous class, diving deeper into complex storytelling techniques and advanced cinematography. Students will explore intricate editing processes, sound design, and the use of visual effects to enhance their narratives. Through hands-on projects and peer collaboration, students will develop projects for a variety of GCHS and community activities.

Business Accounting

Course Code: BUS155
State Course Code: 12104A001
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit

Prerequisites: 2.8 GPA

This is an introductory business accounting class presents accounting principles and their application to various types of businesses. It is designed to give a general understanding of the purpose of accounting, the capacity to perform basic accounting functions, and a working knowledge in financial statement preparation.

Business Accounting A

Course Code: BUS158
State Course Code: 12104A001
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

This is an introductory business accounting class presents accounting principles and their application to various types of businesses. It is designed to give a general understanding of the purpose of accounting, the capacity to perform basic accounting functions, and a working knowledge in financial statement preparation. This class moves at an accelerated pace with extended projects and expectations.

Business Law

Course Code: BUS182
State Course Code: 12054A001
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit

Prerequisites: Computer Concepts / Computer Concepts A

Introduces law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops an understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment; and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer-employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation.

Career Exploration

Course Code: BUS156
State Course Code: 22151A001
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Basic Option Available

This class is a hands-on, real-world exploration into the world of careers and how to attain them. Computerized self-tests are part of this course and they will help you find out more about yourself and then you can focus on your education toward your goals. Also included is training for the necessary business workplace skills you will need when entering the job market.

Computer Concepts

Course Code: BUS172
State Course Code: 10004A001
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Basic Option Available
Dual Credit: SWIC Dual Credit Available and MOS Certification

Most businesses and colleges require that employees/students have the basic understanding and knowledge of the most popular software programs in the world. This course is designed to help students achieve the desired skills that are needed and used in the workplace, at college, and at home using Microsoft Word, Excel and PowerPoint.

Notes: Keyboarding Skills Recommended. Meets one semester of the one-year computer literacy requirement.

Computer Concepts A

Course Code: BUS173

State Course Code: 10004A001

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Course Type: Accelerated Course

Dual Credit: SWIC Dual Credit Available and MOS Certification

Prerequisites: 3.6 GPA

This course is designed to help students achieve the desired skills that are needed and used in the workplace, at college, and at home. Students will apply problem solving skills to hands-on, real-life situations using Microsoft Word, Excel and PowerPoint. This is an Honors course that includes the topics covered in Computer Concepts, but at an accelerated pace. Students will be required to pass Microsoft certification exams in Word, Excel and PowerPoint.

Notes: Keyboarding Skills Recommended. Meets one semester of the one-year computer literacy requirement.

Digital Marketing

Course Code: BUS191

State Course Code: 12056A001

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Dual Credit: SWIC Dual Credit Available

This course introduces students to basic marketing principles with emphasis on environmental factors that affect a business, target market selection, and the four primary elements of the marketing mix: product, price, distribution, and promotion. Focus will be placed on digital and social media marketing strategies. The latest digital marketing trends will be discussed as well as creating a brand presence on various social networks such as Facebook, Twitter, and LinkedIn.

Graphic Design

Course Code: BUS179

State Course Code: 11154A001

Grade Levels:

Credits: 0.5 Credit

Prerequisites: Illustrator and Photoshop

Students master their skills in Illustrator, Photoshop, and InDesign and develop their professional online portfolio. Students learn about small business management, how to start off as a freelancer and how to interact, charge, and communicate with clients. Students will look to our community for opportunities to help the local companies with branding, logo redesign, and advertising.

Illustrator CC

Course Code: BUS176

State Course Code: 10201A001

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Computer Concepts / Computer Concepts A

In this project-based course, you'll explore Adobe Illustrator CC, the industry-standard software for creating stunning vector images. You'll learn how to design eye-catching logos, packaging, poster art, and web graphics, building a solid foundation in graphic design. Get ready to unleash your creativity and develop practical skills that will prepare you for real-world design challenges!

Interrelated Co-op A.M. (Worksite)

Course Code: COP606, COP607, COP622, COP623

State Course Code: 12098A002

Grade Levels: 12th

Credits: 1.0 Credit

Prerequisites: Application/ Permit

This course is a continuation of Workplace Skills & Procedures. Students attend work site training in the morning and classes in the afternoon.

Interrelated Co-op P.M. (Worksite)

Course Code: COP608, COP609, COP24, COP25

State Course Code: 12098A002

Grade Levels: 12th

Credits: 1.0 Credit

Prerequisites: Application/ Permit

This course is a continuation of Workplace Skills & Procedures. Students attend classes in the morning and work site training in the afternoon.

Introduction to CyberSecurity

Course Code: BUS181

State Course Code: 10012A001

Grade Levels: 11th & 12th

Credits: 0.5 Credit

Dual Credit: Cybersecurity Level 1 Certification and Cybersecurity Awareness Certification

Prerequisites: Intro to Video Game Design; 2.8 GPA

This course provides an overview of cybersecurity including the importance of cybersecurity, the characteristics and operation of malware, and options for defense against cyber threats. Students will also explore why cybersecurity is important in various industries.

Introduction to Video Game Design

Course Code: BUS152

State Course Code: 10012A001

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

An introductory programming class in video game design using GameMaker Studio software to acquaint students with GameMaker Drag and Drop GameMaker Language (GML), a flexible coding language used in building video games.

Notes: Meets one semester of the one-year computer literacy requirement.

PAES Lab 1

Course Code: SPE001

State Course Code: 22151A002

Grade Levels:

Credits: 0.5 Credit

Course Type: Basic Course Pacing

Prerequisites: Individual Education Plan

Practical Assessment Exploration System (PAES,) is a simulated work assessment and hands-on curriculum lab where students learn by doing in a structured environment. In the lab, students explore the following five career field areas: business/marketing, computer/technology, construction/industrial, processing/production, and consumer service. Students complete tasks using real tools and equipment. These tasks start at a basic level and build in complexity as the student's skills increase. The lab simulates a real-world work environment so students become employees and teachers become supervisors when they walk through the door. Employees clock in on a computer and we give them job tasks. We expect them to communicate professionally, learn and follow safety procedures, solve problems, stay on task, and much more to be good at their jobs. The PAES lab allows students to experience and practice job skills that help prepare them for the world of work as well as assist them in finding direction for their desired career paths. PAES is a formal exploratory assessment, which means that students will explore different career fields and we will assess their work quality, work speed, professionalism and behavior, endurance, problem-solving skills, level of independence, ability to follow directions, communication with others, and other important performance aspects. We collect this information to show areas of student strength, highlight opportunities for improvement, determine appropriate accommodations and assistive technology for the workplace, and display employability skills compared to their peers.

PAES Lab 2

Course Code: SPE002

State Course Code: 22151A002

Grade Levels:

Credits: 0.5 Credit

Course Type: Basic Course Pacing

Prerequisites: Individual Education Plan

Practical Assessment Exploration System (PAES,) is a simulated work assessment and hands-on curriculum lab where students learn by doing in a structured environment. In the lab, students explore the following five career field areas: business/marketing, computer/technology, construction/industrial, processing/production, and consumer service. Students complete tasks using real tools and equipment. These tasks start at a basic level and build in complexity as the student's skills increase. The lab simulates a real-world work environment so students become employees and teachers become supervisors when they walk through the door. Employees clock in on a computer and we give them job tasks. We expect them to communicate professionally, learn and follow safety procedures, solve problems, stay on task, and much more to be good at their jobs. The PAES lab allows students to experience and practice job skills that help prepare them for the world of work as well as assist them in finding direction for their desired career paths. PAES is a formal exploratory assessment, which means that students will explore different career fields and we will assess their work quality, work speed, professionalism and behavior, endurance, problem-solving skills, level of independence, ability to follow directions, communication with others, and other important performance aspects. We collect this information to show areas of student strength, highlight opportunities for improvement, determine appropriate accommodations and assistive technology for the workplace, and display employability skills compared to their peers.

Photoshop CC

Course Code: BUS159

State Course Code: 10203001

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Computer Concepts / Computer Concepts A

In this hands-on course, you'll dive into Adobe Photoshop CC, the go-to software for image editing, graphic design, and digital art. You'll learn how to create, edit, retouch, and transform images, giving you the skills to bring your creative ideas to life. Get ready to explore your artistic potential and master techniques that will elevate your work!

SP Cafe Co-op

Course Code:

State Course Code: 12098A002

Grade Levels: 11th & 12th

Credits: 1.0 Credit

Course Type: Basic Option Available

Prerequisites: IEP/ Counselor or Teacher Recommendation/ Permit

Students work in the GCHS cafeteria under the direction of the Co-Op coordinator and cafeteria staff.

Technology Essentials

Course Code: BUS154

State Course Code: 12005A001

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Course Type: Basic Option Available

Dual Credit: SWIC Dual Credit Available

In this course, you'll achieve three key goals: first, you'll build essential touch keyboarding skills that will help you type efficiently on a computer. Next, you'll learn how to use word processing software to tackle real-world tasks, including formatting, editing, retrieving, and printing documents. By the end of the course, you'll also develop strong proofreading skills, empowering you to create polished, professional work!

Notes: Meets one semester of the one-year computer literacy requirement.

Video Production

Course Code: BUS177

State Course Code: 10201A002

Grade Levels: 11th & 12th

Credits: 0.5 Credit

Prerequisites: Journalism or Photoshop

This project-based course is designed to provide students with the skills needed for a career in the technical aspects of broadcasting. Instruction includes camera operations, audio and video editing, sound and lighting techniques, and sound mixing. Students will gain an understanding of the basic principles and concepts of digital video production using digital video cameras, digital still cameras, and computer software for finished video productions. Students will be required to produce individual videos as well as a variety of cooperative productions.

Web Page Design

Course Code:

State Course Code: 10201A001

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Computer Concepts / Computer Concepts A

This course will teach students to create webpages using the latest World Wide Web Consortium standards. They will create multimedia webpages with hypertext links, tables, frames, and forms. They will also be exposed to cascading style sheets, scripting programming, and dynamic content and layout.

Workplace Skills and Procedures

Course Code: NCO100

State Course Code: 22153A000

Grade Levels: 12th

Credits: 0.5 Credit

Course Type: Basic Option Available

Prerequisites: Enrolled in the Co-op Program

Students taking this class are also enrolled in CO-OP AM or CO-OP PM with a qualified career and technical education coordinator who is responsible for supervision of their employment. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

DRIVER'S EDUCATION

The driver's education department offers a comprehensive curriculum designed to equip students with the knowledge and skills needed to become safe, responsible drivers. Our courses provide a blend of classroom instruction and hands-on driving experience, focusing on traffic laws, defensive driving techniques, and the importance of road safety. Teacher teams work to create an engaging and supportive learning environment, where students not only gain practical driving skills but also develop an understanding of the responsibility that comes with operating a vehicle. A strong emphasis is placed on promoting good judgment, decision-making, and respect for others on the road. Through these courses, students gain the confidence and competence to navigate the roads safely, preparing them for a lifetime of responsible driving.

Driver's Safety

Course Code: DED1 to DED4
State Course Code: 08151A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: .25 Credit
Course Type: Basic Option Available

Prerequisites: Permit

During Driver Safety we cover the Rules of the Road in the classroom. We use the Illinois Rules of the Road book (along with the Responsible Driving textbook) to cover laws, signs, signals, pavement markings, safe driving procedures and more in a nine-week period.

Notes: Students are enrolled into Driver's Safety by their counselor based on their birthday. **State Law (HB 418) requires public and non-public high school students to successfully complete eight semester courses in the previous two semesters of school work prior to taking the course.**

Driver's Training

Course Code: DET1A/B to DET4A/B
State Course Code: 08151A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.125 Credit

Prerequisites: Permit

During Drivers Training we start with basic skills such as turning and starting and stopping. We will teach our students how to drive in various situations: residential, highway, rural, and interstate driving just to mention a few. We also get them ready to take the State Behind the wheel test by teaching them various skills they will complete on the state test, such as turnabouts, parking next to a curb, and hill parking.

Notes: Students must pass Driver Safety before they are enrolled into Driver Training. Students who score in the top 12 of their safety class will be given the opportunity to drive during their school day.

ENGLISH DEPARTMENT

The English department offers a dynamic and engaging curriculum designed to foster a love for reading, writing, and critical thinking. Our courses encourage students to explore a wide range of literary genres, develop strong communication skills, and express themselves clearly and creatively. Teacher teams work collaboratively to create an inclusive, culturally responsive environment where students can connect with diverse perspectives and ideas. Technology is integrated into our teaching practices to enhance learning, foster collaboration, and help students engage with both classic and contemporary texts. A strong focus is placed on developing analytical skills, expanding vocabulary, and refining writing techniques, preparing students for success in both academic and real-world settings. Through these courses, students gain the confidence to articulate their thoughts effectively, appreciate the power of storytelling, and develop the literacy skills necessary for lifelong learning and success.

English 1

Course Code: EN9011
State Course Code: 01001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.0 GPA

This college preparatory freshman level course focuses on reading, writing, and grammar. Reading skills will be implemented through short stories, novella, novels, poetry, and optional independent reading. Writing requirements include a minimum of three writing assignments utilizing narrative, expository, and argumentative forms. Students will be exposed to parenthetical citations, paraphrasing and summarizing. Grammatical and mechanical skills will be reinforced through the editing process.

English 1A

Course Code: EN9012
State Course Code: 01001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

Reading skills will be implemented through short stories, novellas, novels, novel excerpts, poetry, and optional independent reading. Writing requirements include a minimum of three writing assignments utilizing narrative and argumentative forms. Research skills will be implemented through use of nonfiction articles in connection with nonfiction texts. Daily writing also involves extended time frames and shorter time frames to teach a range of tasks, purposes, and audiences. Grammatical and mechanical skills will be reinforced through the editing process. Skills focused upon include, but not limited to, sentence fragments and run ons, independent and dependent (subordinate) clauses, capitalization, and punctuation (commas, semicolons).

English 1B

Course Code: EN9025
State Course Code: 01001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic & Co-Taught Option Available

Prerequisites: GPA Below 2.0

Reading skills will be implemented through short stories, novels, novellas, novel excerpts, poetry, and optional independent reading. Writing requirements include a minimum of three writing assignments utilizing narrative and argumentative forms. Daily writing also involves extended time frames and shorter time frames to teach a range of tasks, purposes, and audiences. Grammatical and mechanical skills will be reinforced through the editing process. Skills focused upon include, but not limited to, sentence fragments and run ons, independent and dependent (subordinate) clauses, capitalization and punctuation (commas, semicolons).

English 2

Course Code: EN9021
State Course Code: 01001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.0 GPA

This course focuses on reading, writing, grammar, and speaking and listening. There is a focus on writing with a minimum of three writing assignments given. The assignments should be narrative, expository, and argumentative. A mini-research paper will be assigned as well in order to expose students to the MLA style of writing. Students enrolled in this course are required to read *The Odyssey*, and *Romeo and Juliet*. Grammatical and mechanical skills will be reinforced through the editing process. Skills focused upon include, but not limited to, sentence fragments and run ons, independent and dependent (subordinate) clauses, capitalization and punctuation (commas, semicolons).

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 2A

Course Code: EN9022
State Course Code: 01001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

This course focuses on reading, writing, grammar, and speaking and listening. There are a minimum of three writing assignments given. Research skills will be implemented through use of nonfiction articles in connection with nonfiction texts in order to expose students to the MLA style of writing. Skills focused upon include, but not limited to, sentence fragments and run ons, independent and dependent (subordinate) clauses, capitalization, and punctuation (commas, semicolons). Students enrolled in this course are also required to read *Romeo and Juliet* and *The Odyssey*, along with other additional texts.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 2B

Course Code: EN9023
State Course Code: 01001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

Prerequisites: GPA Below 2.0

Students will focus on and build upon the skills to which they were exposed in English 1B. Reading requirements include poetry, drama, prose, and nonfiction selections with independent reading encouraged. Writing requirements include three assignments utilizing narrative, expository, and argumentative forms which incorporate a mini-research/project. Students will be introduced to communication skills and deliver one presentation.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 3

Course Code: ENG041
State Course Code: 01002A000
Grade Levels: 10th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA

English 3, a college preparatory sophomore course, focuses on reading, writing, grammar and speaking and listening skills. Writing about literature is a main focus of the course. A minimum of three, text-based informative and argumentative writing assignments will be required. Students will be introduced to extended response writing. Required reading materials include *Of Mice and Men* and *Night*, as well as short stories with optional texts listed below. Students will focus on word relationships, figurative language and figurative speech. Students will learn to collaborate and persuade in groups.

English 3A

Course Code: ENG042
State Course Code: 01002A000
Grade Levels: 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

English 3A, an accelerated, college preparatory sophomore course, focuses on reading, writing, grammar, and speaking and listening skills. Writing about literature is a main focus of the course. A minimum of three, text-based constructive responses or literary analysis will be required. Students will be introduced to extended response writing. Required reading materials include *Of Mice and Men* and *Night*, as well as short stories with optional texts listed below. Students will focus on word relationships, figurative language, and figurative speech. Students will learn to collaborate and persuade in groups.

English 3B

Course Code: ENG043
State Course Code: 01002A000
Grade Levels: 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

Prerequisites: GPA Below 2.4

English 3B, a sophomore level course, focuses on reading, writing, grammar, and speaking and listening skills. Writing about literature is a main focus of the course. A minimum of three, text-based informative and argumentative writing assignments will be required, including a small research project, and a persuasive essay. Students will be introduced to extended response writing. Students enrolled in this course are required to read *Of Mice and Men* and *Night*, as well as short stories. Students will focus on word relationships, figurative language, and figurative speech, and will learn to collaborate and persuade in groups.

English 4

Course Code: ENG044
State Course Code: 01155A000
Grade Levels: 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

English 4, a sophomore level course, focuses on speaking and listening skills, writing, and grammar. Creating and presenting formal and informal presentations are a main focus of the course. A minimum of two essays: informative and argumentative; a formal outline; and a minimum of three formal presentations (with a minimum of 1 minute speaking time each) will be required. Writing assignments and speeches may be combined. Students will focus on communication concepts and different types of grammatical phrases. Students will also use *12 Angry Men* as an example of the concepts covered.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 5

Course Code: ENG051
State Course Code: 01054A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA

This college preparatory junior-level course focuses on reading, writing, and speaking and listening skills associated with a survey of the United States' literature. Reading is the focus of the class, though an overview of the literary history of the United States will be included. In addition, writing assignments will be included and should be limited to argumentation.

English 5/7 Multi-cultural Lit., Reading, and Rhetoric

Course Code: ENG055
State Course Code: 01054A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA

This course focuses on literature and readings by multi-cultural authors and about multi-cultural topics, as well as writing about this literature and writing in linguistically appropriate styles. Speaking and listening will also be integrated into coursework and/or assignments. Students in this course will read, write, and think while applying skills of context and connecting reading with life. Written assessments will be the primary focus of evaluation.

Notes: This course may only be taken once.

English 5A

Course Code: ENG052
State Course Code: 01054A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

This course is intended to provide the student with the knowledge, understanding, and appreciation of our national literature. A wide variety of genres and writers from different periods of American literature will be presented to afford the student examples of significant contributions and influences upon the nation's literature. The class is organized chronologically; early American literature is the starting point for this semester. There are three required persuasive writing assignments. Students enrolled in this course are required to read *The Crucible*, as well as a variety of other works. Students will complete additional readings and writing assignments beyond those required at the 5 and 5B levels.

English 5B

Course Code: ENG054
State Course Code: 01054A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

Prerequisites: GPA Below 2.4

This course will provide the student with the knowledge, understanding, and appreciation of our national literature. A wide variety of genres and writers from different periods of American literature will be presented. The class is organized chronologically; early American literature is the starting point for this semester. There are two required writing assignments. Students enrolled in this course are required to read *The Crucible*, as well as a variety of other works. As the class is designed for students with below grade level reading skills, the course progresses at a slower pace and is scaffolded to assist in student success.

English 6

Course Code: ENG062
State Course Code: 01054A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA

This college preparatory junior-level course focuses on reading, writing, and speaking and listening skills in association with a survey of modern literature of the United States. Reading is the focus of the class, though an overview of the literary history of the United State will be included. In addition, writing assignments will be included and should be limited to argumentation.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 6A

Course Code: ENG061
State Course Code: 01054A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

This college preparatory junior-level course focuses on reading, writing, and speaking and listening skills in association with a survey of modern literature of the United States. Reading is the focus of the class, though an overview of the literary history of the United State will be included. In addition, writing assignments will be included and should be limited to argumentation.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 6B

Course Code: ENG064
State Course Code: 01054A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

Prerequisites: GPA Below 2.4

This class is intended to give you a comprehensive understanding of our country's literature throughout the Twentieth Century. It will involve a significant amount of reading and writing. In addition to the many reading assignments, the students will also be required to write a number of essays. Students should be prepared to use information from previous English classes to best enhance their chances at success.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 7

Course Code: ENG072
State Course Code: 01052A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Dual Credit: SWIC Dual Credit Available

Prerequisites: 2.4 GPA

English 7, a college preparatory senior-level course, focuses on reading, writing, and speaking and listening skills while focusing on literature congruent with a theme chosen by the instructor (right now, the theme is how characters identify as human beings in particular jobs). Reading is the focus of the class and students should have a sense of theme developed over the course of the novels and the class. In addition, writing assignments will be included and should be limited to argumentation on the literary themes of the texts studied.

English 7: English World Literature

Course Code: TBD
State Course Code: 01056A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA

Students will survey the literature of Great Britain and its immediate neighbors, including some of its colonial interests. Because literature is produced in terms of its historical context events, we will also examine some of the history of the country. Students will respond to literature in various ways including class discussion, collaborative projects, and multi-paragraph compositions.

English 7A

Course Code: ENG071
State Course Code: 01102A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SWIC Dual Credit Available

Prerequisites: 3.6 GPA

English 7A in collaboration with SWIC English 101 is designed to help students write papers for a variety of general and specific audiences. Students will learn to recognize features that make writing effective, and learn different strategies writers use while prewriting, drafting, revising, and editing. Students will learn to read their own work more critically and to constructively criticize the work of others. The course also provides a brief introduction to the writing of source-supported papers and methods of documenting sources.

English 7B

Course Code: ENG073
State Course Code: 01052A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

Prerequisites: GPA Below 2.4

This is a senior level course that reviews the elements of several genres: short story, poetry, drama, and novel through a thematic approach. These themes include topics such as tragedy, ambition, human nature, technology, and community. In addition, students will continue to work on their reading comprehension and writing skills. We will be reading and discussing the following novels and some other assorted short stories and poems as well as completing essays (not limited to, but including, expository, persuasive, and narrative essays) and projects that relate to them: Hamlet, Macbeth, Lord of the Flies, and Fahrenheit 451.

English 8: Composition

Course Code: ENG076, ENG081, ENG815
State Course Code: 01102A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Dual Credit: SWIC Dual Credit Available

Prerequisites: 2.4 GPA

This college preparatory senior level course focuses on writing and research. A minimum of five writing assignments will be given. The assignments should be narrative, informative, and argumentative. Students enrolled in this course are required to complete three projects that include research skills using MLA style. To determine the degree of success in attaining these skills, the teacher will evaluate the student's written work, class assignments, class assessments, research skills and mandatory final examination incorporating research and writing techniques.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 8A

Course Code: ENG082
State Course Code: 01102A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SWIC Dual Credit Available

Prerequisites: 3.6 GPA

English 8A in collaboration with SWIC English 102 focuses on the processes of academic inquiry and source-supported writing, while continuing to practice prewriting, drafting, revising, and editing strategies. Students will gain experience using a variety of research methods including interview, observation, survey, peer-reviewed journals, electronic databases, and other written/visual/aural texts or artifacts. Students will use reflection to critically analyze and evaluate information and ideas from a variety of sources, and use such sources effectively in their own writing.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 8B

Course Code: ENG085
State Course Code: 01105A000
Grade Levels: 12th
Credits: 0.5
NCAA Approved
Course Type: Basic and Co-Taught Option Available

Prerequisites: GPA Below 2.4

This course is designed for the student who needs extra focus on the development of writing paragraphs and essays. Activities include filling out applications and other forms, summarizing experiences, and writing business letters to prepare for the business world. Students will complete 6 writing assignments and a research paper.

Notes: Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

English 9/10

Course Code: ENG123
State Course Code: 01051A000
Grade Levels: 9th & 10th
Credits: 0.5 Credit

This freshman or sophomore level course focuses on reading, writing, and grammar. Students will learn strategies to improve reading skills. There is a focus on writing with a minimum of three writing assignments; a mini-research project/paper will be assigned to expose students to gathering sources, summarizing, and distinguishing between valid evidence and fallacious evidence. The teacher will evaluate the student's written work, class participation, homework, daily preparation, quizzes, tests, and the final assessment (if applicable).

Notes: Credit Recovery for English 1, 2, or 3. This course may only be taken once.

English 11/12

Course Code: ENG567
State Course Code: 01052A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit

This junior and senior level class focuses on small group communication and analyzing literature to determine effective ways to present information and narratives. To this end, the class includes many projects, essays, and classroom activities to fully explore these ideas, including, but not limited to, writing pilot episodes for an original TV show while mastering the elements of a play and creating slam poetry and short stories while breaking down the literary tools wielded by different authors. To determine the degree of success in attaining these skills and building skills in reading, writing, speaking, and listening, the teacher will evaluate the student's written work, class participation, homework, daily preparation, presentations/speeches, quizzes, tests, and the final examination.

Notes: Meets one semester of the two-year writing intensive requirement. Credit Recovery for English 5, 6, or 7.

Journalism

Course Code: ENG053
State Course Code: 11101A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

The Journalism I course emphasizes the importance of differentiating fact from opinion and truth from propaganda. Students will have the opportunity to utilize their critical thinking skills as they survey various aspects of journalistic ethics, media bias, and the role journalists play in creating an informed citizenry. Students will have the opportunity to publish and/or electronically distribute their work as often as possible. The purpose of such publications is to disseminate news, offer opinions, and provide information of interest and concern to their audience. In attempting to accomplish these goals, the course establishes a clear differentiation between fact and opinion writing for the purpose of helping audiences become more aware of the difference. A minimum of four essays, plus a final revision essay will be required.

Notes: This class taken once in 11th grade meets the English requirement; taken in 10th or 12th grade as an elective course. Meets one semester of the two-year writing intensive requirement.

Journalism 2

Course Code:
State Course Code: 11101A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 3.6 GPA

This course is designed for in-depth journalism writing and procedures for students particularly interested in the production of the newspaper. Students act as the editorial staff, reporters, and business staff. The teacher will select the students for the executive positions necessary to publishing the school newspaper, www.granitehighworld.com.

Notes: This is an elective course. Meets one semester of the two-year writing intensive requirement.

Journalism A

Course Code: ENG063
State Course Code: 11101A000
Grade Levels: 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

This accelerated course is similar in content to Journalism but also includes the following topics: history and principles, news writing, editorial writing, feature writing, sports writing, headline writing, layout, photojournalism, copy editing/proofreading, newspaper production, and video production. Students will also be required to attend at least 3 school events to gather news, interview students and take photographs for the high school online journalism website, <http://www.granitehighworld.com>.

Notes: May be taken for English credit in place of English 5A. Meets one semester of the two-year writing intensive requirement and one semester of computer literacy.

Yearbook

Course Code: TBD
State Course Code: 11102A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit

Prerequisites: 2.4 GPA

Yearbook involves the planning and preparation of a 200 + page yearbook. It is necessary to get students who are willing to put in many hours of extra work. It involves photography, sales, copy writing, accurate typing, and extensive use of various software programs.

Math & Lit Success

Course Code: ELEFR1

State Course Code: 22003A000

Grade Levels: 9th

Credits: 0.5 Credit

Prerequisites: GPA Based

This course is designed for students needing supports for reading comprehension and basic writing skills in order to find success in English 1 and/or English 2, as well as, support for students as they transition into high school math classes.

Notes: Teacher or Counselor Recommendation

Math & Lit Success 2

Course Code: ELEFR2

State Course Code: 22003A000

Grade Levels: 9th

Credits: 0.5 Credit

Prerequisites: GPA Based

This course is designed for students needing supports for reading comprehension and basic writing skills in order to find success in English 1 and/or English 2, as well as, support for students as they transition into high school math classes.

Notes: Teacher or Counselor Recommendation

FAMILY AND CONSUMER SCIENCE

The family and consumer sciences department offers a hands-on, engaging curriculum focused on developing practical life skills through cooking, nutrition, and wellness education. Our courses teach essential culinary techniques, explore healthy eating habits, and understand the science behind food preparation. A strong emphasis is placed on nutrition, meal planning, and sustainable practices to promote lifelong wellness and good eating habits. Through these courses, students gain the skills and confidence to make informed food choices, prepare nutritious meals, and apply practical skills that benefit them both today and in the future.

Introduction to Culinary Arts

Course Code: FCS440
State Course Code: 16054A001
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Basic Options Available

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

Introduction to Culinary Arts

Course Code: FCS455
State Course Code: 16054A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit

Prerequisites: Intro to Culinary Arts; Permit

This course is designed to educate students in the importance of sanitation in food preparation. Topics emphasized are safe food environments, pest control, local, state, and federal codes. A general introduction to the baking of breads, cookies, cakes, pastry dough, puff pastry, danish, and eclairs. Learn how to prepare beautiful and tempting baked goods. Students will have the possibility to obtain their Servsafe Food Handler Certification and possibly Servsafe Food Protection Manager Certification for Illinois.

Vocational Culinary Arts 2

Course Code: FCS456
State Course Code: 16054A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit

Prerequisites: Vocational Culinary Arts 1; Permit

This course is designed to educate students in the importance of sanitation in food preparation. Topics emphasized are safe food environments, pest control, local, state, and federal codes. A general introduction to the baking of breads, cookies, cakes, pastry dough, puff pastry, danish, and eclairs. Learn how to prepare beautiful and tempting baked goods. Students will have the possibility to obtain their Servsafe Food Handler Certification and possibly Servsafe Food Protection Manager Certification for Illinois.

FINE ARTS DEPARTMENT

The fine arts and world languages department offers a vibrant and diverse curriculum designed to foster creativity, cultural awareness, and personal expression across four key areas: visual art, band, performance art, and foreign languages. Our courses provide students with opportunities to explore and develop their artistic and linguistic skills, whether through creating art, performing in music and theater, or learning new languages and engaging with different cultures. Teacher teams work collaboratively to create an inclusive, dynamic environment where students can experiment, grow, and express themselves in a variety of forms. A strong emphasis is placed on collaboration, critical thinking, and cultural sensitivity, as students work both individually and in groups to deepen their understanding of the arts and languages. Through these courses, students gain skills that enhance their creative abilities, foster cross-cultural communication, and prepare them for success in both artistic and global contexts.

VISUAL ARTS

Art Appreciation 1

Course Code: ART371

State Course Code: 05151A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Art Appreciation is a course study of the art of man from the prehistoric period to (depending on our pace) the High Renaissance of the 16th century. It is designed to develop a perceptive appreciation of environmental culture and society not only of the past, but also that in which the student now lives. Weather permitting, we will take a field trip to the St. Louis Art Museum, Laumeier Sculpture Park, Walls on Washington, and/or Cathedral Basilica of St. Louis. Students should be in good standing behaviorally & academically to attend the field trip.

Art Appreciation 1A

Course Code: ART373

State Course Code: 05151A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Course Type: Accelerated Course

Prerequisites: 3.6 GPA

Art Appreciation 1A is a course study of the art of man from the prehistoric period to (depending on our pace) the High Renaissance of the 16th century. What will separate those receiving accelerated credit from those who are not will be two additional research papers/projects. It is designed to develop a perceptive appreciation of environmental culture and society not only of the past, but also that in which the student now lives. Weather permitting, we will take a field trip to the St. Louis Art Museum, Laumeier Sculpture Park, Walls on Washington, and/or Cathedral Basilica of St. Louis. Students should be in good standing behaviorally & academically to attend the field trip.

Art Appreciation 2

Course Code: ART372

State Course Code: 05151A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Art Appreciation 2 will continue through the Renaissance, Mannerism, Baroque, & Rococo time periods. Depending on our pace we could possibly cover Romanticism & Realism. Weather permitting It is designed to develop a perceptive appreciation of environmental culture and society not only of the past, but also that in which the student now lives. Weather permitting, we will take a field trip to the St. Louis Art Museum, Laumeier Sculpture Park, Walls on Washington, and/or Cathedral Basilica of St. Louis. Students should be in good standing behaviorally & academically to attend the field trip.

Note: Art Appreciation 1 (or 1A) Recommended

Art Appreciation 2A

Course Code: ART374

State Course Code: 05151A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Course Type: Accelerated Course

Art Appreciation 2 will continue through the Renaissance, Mannerism, Baroque, & Rococo time periods. Depending on our pace we could possibly cover Romanticism & Realism. What will separate those receiving accelerated credit from those who are not will be two additional research papers/projects. Weather permitting It is designed to develop a perceptive appreciation of environmental culture and society not only of the past, but also that in which the student now lives. Weather permitting, we will take a field trip to the St. Louis Art Museum, Laumeier Sculpture Park, Walls on Washington, and/or Cathedral Basilica of St. Louis. Students should be in good standing behaviorally & academically to attend the field trip.

Note: Art Appreciation 1 (or 1A) Recommended

Art Fundamentals

Course Code: ART351

State Course Code: 05155A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This first course in art introduces the students to the basic concepts of drawing and painting and to the basic materials and terms in art. Study includes color theory, basic shading, linear perspective, design and basic composition. Students must earn a semester grade of C or better to continue taking art courses.

Ceramics/ Pottery

Course Code: ART357

State Course Code: 05158A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Art Fundamentals

Ceramics/Pottery courses engage students in learning experiences that include the historical and cultural context of ceramics, aesthetic inquiry, and creative production. These courses provide knowledge of ceramic techniques (e.g., kiln firing and glazing) and processes with an emphasis on creative design and craftsmanship. Course will include pinch, coil, slab, carving, burnishing, and altering clay hand building techniques.

Note: This course can be taken more than once.

Drawing

Course Code: ART353

State Course Code: 05156A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Art Fundamentals

A comprehensive course that provides students the knowledge and opportunity to explore drawing and to create individual works of art. This initial course covers the language, materials, and processes of drawing and the design elements and principles supporting a work of art. Students typically work with several drawing media (such as pen-and-ink, pencil, chalk, oil pastel, sharpie, etc.).

Note: This course can be taken more than once.

Painting

Course Code: ART355

State Course Code: 05157A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Art Fundamentals

A comprehensive course that provides students the knowledge and opportunity to explore painting and to create individual works of art. This initial course covers the language, materials, use of painting techniques, and the design elements and principles supporting a work of art. Students will work with several types of paint, including watercolor, tempera, and acrylics. Types of artwork produced may include watercolor landscape, geometric design, still life, and pop art.

Note: This course can be taken more than once.

BAND

Color Guard

Course Code: MUS738

State Course Code: 05005A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Audition; Permit

The Marching Warriors Color Guard is a select group with membership through audition only. This group performs as a part of the GCHS Marching Band at all home football games, parades, and several marching band competitions. A substantial amount of rehearsal time goes into the preparation of these performances. The student must be enrolled in 8th hour band during the fall semester, meet all financial obligations, and agree to attend summer rehearsals, GCHS Band Camp, and all after school rehearsals and performances. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Concert Band

Course Code: MUS732

State Course Code: 05102A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Audition; Permit

Concert Band is a performance-based ensemble for intermediate to advanced musicians. Students in the Concert Band show an above-average understanding of their instrument and display a moderate level of musical sophistication through their performance skills. This band is designed to help prepare students with the skills necessary to participate in Wind Ensemble. This band performs for school and community events throughout the year. Students are encouraged to participate in ILMEA auditions and Solo and Ensemble Contest. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Concert Band Brass and Percussion Sectional

Course Code: TBD

State Course Code: 05102A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Band Sectional is for students enrolled in the GCHS Concert Band as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include intermediate level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structures, composition, and music history.

Note: Concurrent Enrollment in Concert Band

Concert Band Woodwinds Sectional

Course Code: TBD

State Course Code: 05102A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Band sectional is for students enrolled in the GCHS Concert Band as a flute, oboe, bassoon, clarinet, or saxophone performer, instruction will include intermediate level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.

Note: Concurrent Enrollment in Concert Band

Jazz Band

Course Code: MUS734

State Course Code: 05105A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Audition, Permit

The Jazz Band is a performance-based ensemble designed as a supplement to the Concert Program. This class will serve as an introduction to the rich history of jazz music. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, the student will gain an understanding and appreciation for this great art form. Emphasis will be placed on not just performance technique, but also rudimentary improvisational skills, musicianship, and a sense of personal accountability. The student must be enrolled in one of the full hour band classes during the regular school day and agrees to attend all after school rehearsals and performances. The jazz band will perform at community events and several concerts throughout the school year.

Note: Concurrent Enrollment in Symphonic Band, Concert Band, or Wind Ensemble

Jazz Sectional

Course Code: TBD

State Course Code: 05105A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Prerequisites: Audition, Permit

The Jazz Sectional is for students enrolled in the GCHS Band Program as a jazz performer. Instruction will include individual instrumental performance techniques and concepts of jazz theory containing scales, intervals, chord structure, composition, and jazz history. This sectional is designed to help prepare students with the skills necessary to participate in Jazz Band.

Note: Concurrent Enrollment in Varsity or Jr. Varsity Marching Band

Junior Varsity Marching Band

Course Code: MUS733

State Course Code: 05103A000

Grade Levels: 9th, 10th, & 11th

Credits: 0.5 Credit

Prerequisites: Permit

The Marching Warriors Junior Varsity Marching Band is a performance-based ensemble for intermediate musicians. Students in the Junior Varsity Band work on improving their ensemble technique with emphasis on scales, rhythms, intonation, balance, blend, and other marching band basics. This band is designed to help prepare students with skills necessary to participate in Varsity Band. Junior Varsity Band performs at all home football games and two concerts during the fall semester. The student must meet all financial obligations and agree to attend all concerts. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Symphonic Band

Course Code: TBD

State Course Code: 05102A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Audition; Permit

Symphonic Band is a performance-based ensemble for beginning to intermediate musicians. Students in the Symphonic Band work on improving their ensemble technique with emphasis on scales, rhythms, intonation, balance, blend and other related musical skills. This band is designed to help prepare students with the skills necessary to participate in Concert Band. The student is given extensive background in all instrumental styles and performs music from all periods. Literature is geared to the members' abilities with emphasis being placed on improvement of tone quality, reading skills, and technical proficiency. This band performs for school and community events throughout the year. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Symphonic Band Sectional

Course Code: TBD

State Course Code: 05102A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Symphonic Band Sectional is for students enrolled in the GCHS Symphonic Band as a flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include beginning level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history. The band director will place students in the appropriate ½ hour sectional.

Note: Concurrent Enrollement in Symphonic Band

Varsity Brass and Percussion Sectional

Course Code: TBD

State Course Code: 05102A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Prerequisites: Concurrent Enrollment in Varsity Marching Band

his Band Sectional is for students enrolled in the Varsity Band during the fall semester as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include advanced level individual instrumental performance techniques and concepts of music.

Varsity Marching Band

Course Code: MUS731

State Course Code: 05103A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Audition; Permit

The Marching Warriors Varsity Band is a performance-based ensemble for advanced musicians. Varsity Band provides students with the opportunity to perform advanced music within a competitive marching production. Varsity Band performs at all home football games, parades, concerts, and several marching band competitions. A substantial amount of rehearsal time goes into the preparation of these performances. The student must meet all financial obligations and agree to attend summer rehearsals, GCHS Band Camp, and all after school rehearsals and performances. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade. Auditions will consist of playing the GCHS Fight Song (while marching at an 8 to 5 step) and scales.

Varsity Woodwinds Sectional

Course Code: TBD

State Course Code: 05106A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This Band Sectional is for students enrolled in the Varsity Band during the fall semester as a flute, oboe, bassoon, clarinet, or saxophone performer. Instruction will include advanced level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, music history, and marching basics.

Note: Concurrent Enrollment in Varsity Marching Band

Wind Ensemble

Course Code: MUS737

State Course Code: 05106A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: Audition; Permit

The Wind Ensemble is a performance-based ensemble for advanced musicians. Students in the Wind Ensemble show an excellent understanding of their instrument and display a high level of musical sophistication through their performance skills. This band performs for school and community events throughout the semester, ILMEA auditions, Solo and Ensemble Contest, and other band festivals and competitions. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade. Students must audition for the ILMEA District Festival in order to have the opportunity to audition for Wind Ensemble.

Wind Ensemble A

Course Code: MUS735

State Course Code: 05106A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Audition, Permit

The Wind Ensemble is a performance-based ensemble for advanced musicians. Students in the Wind Ensemble show an excellent understanding of their instrument and display a high level of musical sophistication through their performance skills. Students are given extensive background in all instrumental styles and perform music from all periods. This band performs for school and community events throughout the semester, ILMEA auditions, Solo and Ensemble Contest, and other band festivals and competitions. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade. Students must audition for the ILMEA District Festival in order to have the opportunity to audition for Wind Ensemble.

Wind Ensemble Brass and Percussion Sectional

Course Code: TBD

State Course Code: 05106A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Note: Concurrent Enrollment in Wind Ensemble

This Band Sectional is for students enrolled in the GCHS Wind Ensemble as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include advanced level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.

Note: Concurrent Enrollment in Wind Ensemble

Wind Ensemble Woodwinds Sectional

Course Code: TBD

State Course Code: 05106A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This Band Sectional is for students enrolled in the GCHS Wind Ensemble as a flute, oboe, bassoon, clarinet, or saxophone performer. Instruction will include advanced level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.

Note: Concurrent Enrollment in Wind Ensemble

PERFORMANCE ARTS

Acting Techniques

Course Code: SPC002

State Course Code: 05053A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

In this class, students focus on the basics of the acting craft. Emphasis is placed on developing the actor's use of body, movement, and voice. Much attention is given to developing interpretation skills, character traits, stage movement, voice and emotional bonds. Students also learn pantomime and improvisation. These skills are tested in duet acting scenes and scenes from one-act plays.

Children's Theater

Course Code: SPC001

State Course Code: 05055A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credits

In this class, students learn to master the staging, rehearsal process and special techniques needed to successfully perform before a young audience. Emphasis is placed on developing the actor's body, movement, and voice as primary tools for bringing children's characters to life. Through puppetry and live action, students will create a children's theater script, design a set and perform the project during the semester

Competitive Performance

Course Code: SPC004

State Course Code: 01151A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

Students will explore the elements of public speaking, conduct research, interpret modern literature, read/cut/compose competition scripts, explore the elements of argumentation and debate, and compose public presentations. Students will participate in practice debates, presentation rehearsals, peer critique and mentoring, present portfolio assignments in class, and compete in at least two interscholastic speech and debate tournaments per semester.

Competitive Performance Study Hall

Course Code:

State Course Code: 01151A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Prerequisites: New and Continuing Competition Students; Permit Required

This study hall is a compliment to the Competitive Performance courses. Students will explore the elements of public speaking, conduct research, interpret modern literature, read/cut/compose competition scripts, explore the elements of argumentation and debate, and compose public presentations. Students will participate in practice debates, presentation rehearsals, peer critique and mentoring, present portfolio assignments in class, and compete in at least two interscholastic speech and debate tournaments per semester.

Intro to Tech Theater

Course Code: SPC008

State Course Code: 05056A000

Grade Levels: 9th

Credits: 0.5 Credit

This course introduces students to the basic skills needed for technical theater courses. Students will develop their skills and receive hands-on experience in several aspects of theater including: painting, design, pre and post production functions and responsibilities, and participation in public productions. Students will also explore a relationship with power tools and other theatrical mediums. Students must commit to working one event in the Performing Arts.

Music Appreciation

Course Code: TBD

State Course Code: 05116A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This course will survey different musical styles and periods with the intent of increasing students' understanding of music and its importance in relation to the human experience. This course may also focus on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

Scenic Design for Theater

Course Code: SPC006

State Course Code: 05056A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This course exposes students to different types of theatrical techniques including safety, theater history, basic construction and design techniques. Topics covered will include design research and principles; scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound, lighting, and computer technology; the use of special effects; costume and makeup considerations and selection; publicity and business management; theater safety; and the function of technical stage personnel in production work. Technical theater will incorporate academic study and hands-on application of knowledge and skills.

Notes: Students must commit to working one event in the Performing Arts Center. This course can be taken more than once.

Spring Chorus

Course Code: MUS718

State Course Code: 05110A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This course is designed to enhance the musical, creative and expressive qualities of all students. Integrating elements of auditory, vocal, kinesthetic, and aesthetic dimensions of choral music through analysis, rehearsal and performance. Particular attention will be paid to ensemble participation in the context of rehearsal and performance. Students will be introduced to and develop basic singing techniques, sight-reading skills and basic music theory concepts.

Technical Theater

Course Code: SPC005

State Course Code: 05056A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

The course is an exploration of the duties of stage technicians and their contribution to the total aesthetic effect of a dramatic production. Topics covered will include design research and principles; scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound, lighting, and computer technology; the use of special effects; costume and makeup considerations and selection; publicity and business management; theater safety; and the function of technical stage personnel in production work. Technical theater will incorporate academic study and hands-on application of knowledge and skills.

Note: This course can be taken more than once.

Theater Production

Course Code: SPC007

State Course Code: 05053A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

This course aids students in further developing multiple skills in producing theater. Construction, design, lighting, sound, production functions and responsibilities will be reinforced and expanded upon. Students must commit to working one event in the Performing Arts. In this course the students help-produce the Main Stage Spring Production. In the participatory component the students will rehearse and then perform the chosen piece. Production responsibilities will include scenery, costumes, props and stage management. Administrative aspects will consist of securing royalties, marketing and publicity, playbill design, and house management. Drama helps students acquire personal resources and life skills through intellectual, aesthetic, physical and emotional development.

Note: This course can be taken more than once.

Stagecraft Study Hall

Course Code: TBD

State Course Code: 05056A000

Grade Levels: 10th, 11th, & 12th

Credits: .25 Credit

This study hall is a compliment to the Technical Theatre, Scenic Design, and Theatre Productions courses. Students will participate in stagecraft design. This course develops hands-on experiences and skills in several aspects of theatre: construction, design, lighting, sound, pre and post production functions and responsibilities, participation in public productions, makeup and stage management. Students must commit to working one event in the Performing Arts.

LANGUAGE ACQUISITION

Introduction to Spanish 1

Course Code: TBD

State Course Code: 24052A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This Introduction to Spanish course provides students with a foundational understanding of the Spanish language, focusing on essential vocabulary and basic verbal skills. Through interactive activities and engaging lessons, students will develop their speaking, listening, and comprehension abilities. Emphasis will be placed on everyday phrases and cultural context, ensuring a well-rounded introduction to the language. By the end of the course, students will be well-prepared to continue their studies in Spanish 1 and 2.

Introduction to Spanish 2

Course Cod: TBD

State Course Code: 24052A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This Introduction to Spanish course continues to provide students with a foundational understanding of the Spanish language, focusing on essential vocabulary and basic verbal skills. Through interactive activities and engaging lessons, students will develop their speaking, listening, and comprehension abilities. Emphasis will be placed on everyday phrases and cultural context, ensuring a well-rounded introduction to the language. By the end of the course, students will be well-prepared to continue their studies in Spanish 1 and 2.

Spanish 1

Course Code: FOR281

State Course Code: 24052A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: 2.4 GPA in English

This is a first year introductory course. The primary function of this course is to focus on reading, writing, speaking, and listening in the Spanish language. Spanish 1 is a beginner level course. Designed to introduce students to Spanish language and culture, Spanish 1 - 2 courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people. First semester (Spanish 1) students will learn vocabulary in order to prepare them to be successful in reading a mini-novel titled *Tumba* by Mira Canion. Through the mini-novel, cultural themes are taught surrounding the Hispanic holiday Day of the Dead. Some parts of Mexican history are introduced and explained surrounding parts of the mini-novel.

Spanish 2

Course Code: FOR282

State Course Code: 24052A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Spanish 1

The primary function of this course is to focus on reading, writing, speaking, and listening in the Spanish language. Spanish 2 is a beginner level course. Designed to introduce students to Spanish language and culture, Spanish 1 - 2 courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people. Second semester, (Spanish 2) students will learn vocabulary in order to prepare them to be successful in reading a mini-novel titled *Agentes secretos y el mural de Picasso* by Mira Canion. Through the mini-novel, a brief history of the Spanish Civil War is taught, as well as an introduction to some artwork by the Spanish artist Pablo Picasso.

Spanish 3

Course Code: FOR283

State Course Code: 24053A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Spanish 2

Students will continue oral work of the first year, to strengthen control of grammatical structure, to increase vocabulary and general ability in reading Spanish, and to continue to teach the cultural patterns of the Hispanic world. The collective goal is to acquire more vocabulary and grammatical structures in order to improve one's ability to communicate in Spanish in the four linguistic modalities of reading, writing, listening and speaking.

Spanish 4

Course Code: FOR284
State Course Code: 24053A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Spanish 3

Students will continue oral work of the first year, to strengthen control of grammatical structure, to increase vocabulary and general ability in reading Spanish, and to continue to teach the cultural patterns of the Hispanic world. The collective goal is to acquire more vocabulary and grammatical structures in order to improve one's ability to communicate in Spanish in the four linguistic modalities of reading, writing, listening and speaking.

Spanish 5

Course Code: FOR285
State Course Code: 24054A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Dual Credit: SWIC Dual Credit Available

Prerequisites: Spanish 4

Students will continue to build on their language practice from the first two years by strengthening control of grammatical structure, acquiring more high frequency vocabulary, reading more complex texts in Spanish, and learning the cultural patterns of the Hispanic world. While students continue to refine their abilities in the four linguistic modalities of reading, writing, listening and speaking, students in their third year of study are expected to produce (write and speak) more than in the previous two years of study. The class is conducted almost entirely in Spanish with the exception of grammar explanations, translations and small group work.

Spanish 6

Course Code: FOR286
State Course Code: 24054A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Dual Credit: SWIC Dual Credit Available

Prerequisites: Spanish 5

Students will continue to build on their language practice from the first two years by strengthening control of grammatical structure, acquiring more high frequency vocabulary, reading authentic texts in Spanish, and learning the cultural patterns of the Hispanic world. While students continue to refine their abilities in the four linguistic modalities of reading, writing, listening and speaking, students in their third year of study are expected to produce (write and speak) more than in the previous two years of study. The class is conducted almost entirely in Spanish with the exception of grammar explanations, translations and small group work.

Topics in Latin American Literature 1

Course Code: FOR288
State Course Code: 24060A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Dual Credit: SWIC Dual Credit Available

Prerequisites: Spanish 6

Students will continue to build on their language practice from the first three years by strengthening control of grammatical structure, acquiring more high frequency vocabulary, reading longer authentic texts in Spanish, and learning the cultural patterns of the Hispanic world. While students continue to refine their abilities in the four linguistic modalities of reading, writing, listening and speaking, students in their third year of study are expected to produce (write and speak) more than in the previous three years of study. The class is conducted almost entirely in Spanish with the exception of grammar explanations, translations and small group work.

Topics in Latin American Literature 2

Course Code: FOR289

State Course Code: 24060A000

Grade Levels: 12th

Credits: 0.5 Credit

NCAA Approved

Dual Credit: SWIC Dual Credit Available

Prerequisites: Topics in Latin American Literature 1

Students will continue to build on their language practice from the first three years by strengthening control of grammatical structure, acquiring more high frequency vocabulary, reading longer and more challenging authentic texts in Spanish, and learning the cultural patterns of the Hispanic world. While students continue to refine their abilities in the four linguistic modalities of reading, writing, listening and speaking, students in their third year of study are expected to produce (write and speak) more than in the previous three years of study. The class is conducted almost entirely in Spanish with the exception of grammar explanations, translations and small group work.

American Sign Language 1

Course Code: Not Currently Available

State Course Code: 24852A000

Grade Levels: 9th, 10th, & 11th

Credits: 0.5 Credit

This introductory American Sign Language course is designed to offer a comprehensive foundation in ASL communication. Through interactive lessons, students will learn basic vocabulary, grammar, and conversational skills, fostering meaningful communication with deaf or hard-of-hearing family members or peers. By the end of the course, students will have the tools to begin engaging in ASL conversations and enhance their understanding of deaf culture.

American Sign Language 2

Course Code: Not Currently Available

State Course Code: 24852A001

Grade Levels: 9th, 10th, & 11th

Credits: 0.5 Credit

This introductory American Sign Language course is designed to offer a comprehensive foundation in ASL communication. Through interactive lessons, students will continue to learn basic vocabulary, grammar, and conversational skills, fostering meaningful communication with deaf or hard-of-hearing family members or peers. By the end of the course, students will have the tools to engage with more confidently in ASL conversations and enhance their understanding of deaf culture.

INDUSTRIAL TECHNOLOGY

The vocational department offers a hands-on, career-focused curriculum designed to equip students with the technical skills and practical knowledge needed to succeed in high-demand trades such as automotive, building trades, electricity, machine tool, and welding. Our courses provide students with the opportunity to engage in real-world applications, working with industry-standard tools and equipment while learning essential trade techniques. Teacher teams create an inclusive and supportive learning environment where students can develop problem-solving skills, attention to detail, and a strong work ethic. A strong emphasis is placed on safety, craftsmanship, and teamwork, as students gain valuable experience that directly translates to future career opportunities. Through these courses, students develop the skills and confidence to pursue successful careers in skilled trades, preparing them for both immediate employment and future advancement in the workforce.

Automotive Technology

Course Code: IND500

State Course Code: 05155A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This course is designed for anyone who is or may someday be responsible for the maintenance of a car. How often should fluids and filters be changed? How is this done? What should be considered when buying a battery or tires? This information and more will be supplied to anyone who wants to take this course as their first, and probably only, course in automotive maintenance and troubleshooting. This same basic information will benefit people who plan to continue in this area of study. This course is the prerequisite for Vocational Auto Technology.

Notes: Preference given to 10th graders planning to enroll in Voc. Auto Program if space is limited.

Building Trades

Course Code: IND550

State Course Code: 17002A001

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

The field of construction consists of highly skilled individuals who are required to meet today's challenges in the construction of commercial or residential structures.

Computer-Aided Design

Course Code: Currently Unavailable

State Course Code: 21102A002

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5

This first-year computer-aided design course provides students with hands-on experience in using industry-standard software to create digital models and designs. Through engaging projects and practical exercises, students will develop essential skills in problem-solving, spatial reasoning, and creativity, preparing them for future careers in engineering, architecture, and design. Whether students are interested in pursuing a technical career or simply want to enhance their digital skills, this course offers a solid foundation for success in the modern workforce.

Electricity

Course Code: IND525
State Course Code: 17102A001
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit

Students in this course will be receiving technical training in industrial and residential electricity. This knowledge will be obtained by both theory and direct hands-on training. By completing this course the students will show an understanding of basic principles, as well as knowledge of systems they apply to. This goal will be completed through the use of textbooks, lab manuals, industrial control trainers, and by practical hands-on applications.

Emergency Medical Response Program

Course Code: TBD
State Course Code: 14055A001
Grade Levels: 12th
Credits: TBD
Dual Enrollment with SWIC

This dual enrollment course (taken off campus at the Granite City SWIC campus) is designed to provide training in all aspects of emergency medical care. It is for rescuers who are not emergency medical technicians and who do not transport patients to a hospital. The majority of training time is devoted to the practical aspects of emergency care.

Note: Occasional Saturdays may be required for specialized instruction and testing. The dates, times, and locations will be announced the first day of class.

Foundation of Education

Course Code:
State Course Code: 19152A001
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5
Dual Credit: SWIC Dual Credit Available

This course is designed to offer a comprehensive view of teaching in today's schools, placing emphasis on understanding student learning and the challenges of teaching. Course work will include foundations of education, including history of schools in the US, philosophy and laws of teaching and learning. By the end of the course, students will be focusing on standards, curriculum, student accountability along with assessments of students.

Machine Tool Technology

Course Code: IND535
State Course Code: 13203A007
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit

This course is designed as the entry-level course for Vocational Machine Shop but is not limited to only those students but also those wishing to explore this vocational skill area. Emphasis is placed on layout, bench operations and basic machine shop equipment such as the drill press, metal lathe, and others of interest to the student. General information is given about the various metals, materials, and processes.

Note: Solid Math Skills Recommended

Vocational Automotive Technology 1

Course Code: IND501
State Course Code: 20104A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit

Prerequisites: Permit Required

This is the first course in a four-semester program. This two-hour course will provide technical training to students who want to work in some area of the automotive technology field. The program is designed for students who plan to continue technical training after high school, but it will be equally valuable for students who plan no further training. It combines theoretical and practical learning experiences.

Vocational Automotive Technology 2

Course Code: IND502
State Course Code: 20104A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit

Prerequisites: Vocational Automotive 1; Permit Required

This two-hour course will continue to provide hands-on experiences to help develop the technical skills in the automotive area developed in Voc. Auto Tech 1.

Vocational Automotive Technology 3

Course Code: IND503
State Course Code: 20104A002
Grade Levels: 12th
Credits: 1.0 Credit

Prerequisites: Vocational Automotive 2; Permit Required

This is a two-hour course in which students will continue to develop their technical skills. During this course the focus will be on post-graduation employment and/or training. Students will visit tech schools, check the job market, prepare for certification testing, etc.

Vocational Automotive Technology 4

Course Code: IND504
State Course Code: 20104A002
Grade Levels: 12th
Credits: 1.0 Credit

Prerequisites: Vocational Automotive 3; Permit Required

This is the final two-hour course for the two-year program. Workplace skills and career competencies will be emphasized.

Vocational Building Trades 1

Course Code: IND551
State Course Code: 21052A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit
Dual Credit: SWIC Dual Credit Available

Prerequisites: Permit Required

This is a vocational course in which the student learns about jobs in the construction field by participating in general carpentry work. Students complete a modern house. The course covers related construction concepts necessary to accomplish this goal, such as blueprint reading, job planning, basic manipulative skills, computations, proper work habits, and the use of hand and machine tools.

Notes: Solid Math Skills Recommended. Both Vocational Building Trades 1&2 must be taken for dual credit.

Vocational Building Trades 2

Course Code: IND552
State Course Code: 21052A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit
Dual Credit: SWIC Dual Credit Available

Prerequisites: Vocational Building Trades 1 or Permit Required

This is a vocational course in which the student learns about jobs in the construction field by participating in general carpentry work. Students complete a modern house. The course covers related construction concepts necessary to accomplish this goal, such as blueprint reading, job planning, basic manipulative skills, computations, proper work habits, and the use of hand and machine tools.

Notes: Solid Math Skills Recommended. Both Vocational Building Trades 1&2 must be taken for dual credit.

Vocational Building Trades 3

Course Code: IND553
State Course Code: 21052A001
Grade Levels: 11th & 12th
Credits: 1.0 Credit

Prerequisites: Vocational Building Trades 2 or Permit Required

This is a vocational course in which the student learns about jobs in the construction field by participating in general carpentry work. Students complete a modern house. The course covers related construction concepts necessary to accomplish this goal, such as blueprint reading, job planning, basic manipulative skills, computations, proper work habits, and the use of hand and machine tools.

Note: Solid Math Skills Recommended

Vocational Building Trades 4

Course Code: IND554

State Course Code: 21052A001

Grade Levels: 12th

Credits: 1.0 Credit

Prerequisites: Vocational Building Trades 3 or Permit Required

This is a vocational course in which the student learns about jobs in the construction field by participating in general carpentry work. Students complete a modern house. The course covers related construction concepts necessary to accomplish this goal, such as blueprint reading, job planning, basic manipulative skills, computations, proper work habits, and the use of hand and machine tools.

Note: Solid Math Skills Recommended

Vocational Electronics 1

Course Code: IND531

State Course Code: 17102A003

Grade Levels: 11th & 12th

Credits: 1.0 Credit

Prerequisites: Permit Required

This course provides a fundamental working knowledge of the varied aspects of residential electricity and prepares students for future studies in more specialized topics within the subject area. The course is hands-on based involving electricity as it pertains to all techniques and codes used in today's residential wiring. By doing this students will increase their awareness of the overall aspects and functions of electricity as well as observe the opportunities it provides for future studies or employment.

Note: Solid Math Skills Recommended

Vocational Electronics 2

Course Code: IND532

State Course Code: 17102A003

Grade Levels: 11th & 12th

Credits: 1.0 Credit

Prerequisites: Vocational Electricity 1 or Permit Required

This course provides a fundamental working knowledge of the varied aspects of residential electricity and prepares students for future studies in more specialized topics within the subject area. The course is hands-on based involving electricity as it pertains to all techniques and codes used in today's residential wiring. By doing this students will increase their awareness of the overall aspects and functions of electricity as well as observe the opportunities it provides for future studies or employment.

Note: Solid Math Skills Recommended

Vocational Electronics 3

Course Code: IND533

State Course Code: 17102A004

Grade Levels: 12th

Credits: 1.0 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Vocational Electricity 2 or Permit Required

This course provides a fundamental working knowledge of the varied aspects of residential electricity and prepares students for future studies in more specialized topics within the subject area. The course is hands-on based involving electricity as it pertains to all techniques and codes used in today's residential wiring. By doing this students will increase their awareness of the overall aspects and functions of electricity as well as observe the opportunities it provides for future studies or employment.

Notes: Solid Math Skills Recommended. Both Vocational Electricity 3&4 must be taken for dual credit.

Vocational Electronics 4

Course Code: IND534

State Course Code: 17102A004

Grade Levels: 12th

Credits: 1.0 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Vocational Electricity 3 or Permit Required

This course provides a fundamental working knowledge of the varied aspects of residential electricity. The course is hands-on based involving electricity as it pertains to all techniques and codes used in today's residential wiring. By doing this students will increase their awareness of the overall aspects and functions of electricity as well as observe the opportunities it provides for future studies or employment.

Notes: Solid Math Skills Recommended. Both Vocational Electricity 3&4 must be taken for dual credit.

Vocational Machine Tool Technology 1

Course Code: IND536

State Course Code: 13203A001

Grade Levels: 10th & 11th

Credits: 1.0 Credit

Prerequisites: Permit Required;

This is the first and second course in a four-semester program. The purpose of this semester two-hour course is to place emphasis on layout, bench procedures, and basic machine operations. The student will work with the various layout and hand tools. In addition, they will use machines such as the drill press (bench and radial), metal lathe, milling (vertical), metal cutting band saws (vertical and horizontal) and the C.N.C. machine. Instructions in the proper use of metals, materials, and processes will also be a part of this course. The second semester course is a continuation of the skills and knowledge introduced in Vocational Machine Tool Technology 1. The student will continue to develop those skills and refine their ability to carry out instructions with minimal supervision.

Note: Highly Recommended Students Have Machine Tool Technology, Welding, and a Higher Level Math Class

Vocational Machine Tool Technology 2

Course Code: IND537

State Course Code: 13203A002

Grade Levels: 10th & 11th

Credits: 1.0 Credit

Prerequisites: Vocational Machine Tool 1 or Permit Required

This is the second course in a four-semester program. The purpose of this semester two-hour course is to place emphasis on layout, bench procedures, and basic machine operations. In addition, they will use machines such as the drill press (bench and radial), metal lathe, milling (vertical), metal cutting band saws (vertical and horizontal) and the C.N.C. machine. Instructions in the proper use of metals, materials, and processes will also be a part of this course. The second semester course is a continuation of the skills and knowledge introduced in Vocational Machine Tool Technology

Note: Highly Recommended Students Have Machine Tool Technology, Welding, and a Higher Level Math Class

Vocational Machine Tool Technology 3

Course Code: IND538

State Course Code: 13203A002

Grade Levels: 12th

Credits: 1.0 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Vocational Machine Tool 2 or Permit Required

This two-hour course will place emphasis on advanced layout and machine operations. Use of the milling machine (vertical and horizontal), grinders (cylindrical and surface), proper usage of materials and processes will be an integral part of the course. Vocational 4 will help to refine skills, knowledge, and workplace abilities introduced in the first three semesters of the program. Students will have developed the entry level skills for the occupational field of machining or may choose to continue their studies at a technical school or community college.

Notes: Highly Recommended Students Have Machine Tool Technology, Welding, and a Higher Level Math Class. Both Vocational Machine Tool 3&4 must be taken for dual credit.

Vocational Machine Tool Technology 4

Course Code: IND539

State Course Code: 13055A002

Grade Levels: 12th

Credits: 1.0 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Vocational Machine Tool 3 or Permit Required

This two-hour course will be a continuation of Vocational Machine Tool Tech 1 and 2 with emphasis placed on advanced layout and machine operations. Use of the milling machine (vertical and horizontal), grinders (cylindrical and surface), proper usage of materials and processes will be an integral part of the course. Vocational 4 will help to refine skills, knowledge, and workplace abilities introduced in the first three semesters of the program. Students will have developed the entry level skills for the occupational field of machining or may choose to continue their studies at a technical school or community college.

Notes: Highly Recommended Students Have Machine Tool Technology, Welding, and a Higher Level Math Class. Both Vocational Machine Tool 3&4 must be taken for dual credit.

Vocational Welding Technology 1

Course Code: IND561

State Course Code: 13207A001

Grade Levels: 11th & 12th

Credits: 1.0 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Permit Required

This class is an intermediate level courses that will teach the next level of welding skills. Each student in this course has experienced basic welding in a unit welding course which qualified them for the vocational program. This course will prepare students to apply technical knowledge and skill in the workplace and in project construction. In this course, students will learn and practice knowledge, attitude, skills, and habits required for performing tasks autonomously, including the selection and use of appropriate techniques and equipment with minimum supervision. These two classes will introduce the basic concepts of joining metal by fusion processes. These course covers SMAW (stick welding), using 6010, 7018 and 7024 electrodes and the FCAW wire

welding process. Each course will include 2- 3 weeks of safety training in this shop that will include proper PPE, information on injuries common to the workplace, and dangerous equipment if not used properly. Emphasis is put on building proper size fillet welds in the 2F horizontal position. The classes will include the introduction to Electric Air Carbon Arc cutting. Also included is the acetylene cutting of mild steel and FCAW 2-F fillet welds, along with the care and use of welding tools and equipment. Emphasis will be placed on learning Butt welds, Lap welds, T-welds, Corner welds, and Edge welds using 6010 rods. Students will learn Single bevel, Double bevel, Single groove, and Double groove welds using 7018 rods.

Notes: Highly Recommended Students Have Machine Tool Technology, Welding, and a Higher Level Math Class. Both Vocational Welding 1&2 must be taken for dual credit.

Vocational Welding Technology 2

Course Code: IND562

State Course Code: 13207A002

Grade Levels: 11th & 12th

Credits: 1.0 Credit

Dual Credit: SWIC Dual Credit Available

Prerequisites: Vocational Welding 1 or Permit Required

This class is a continuation of the Vocational Welding Technology 1 class.

Notes: Both Vocational Welding 1&2 must be taken for dual credit.

Vocational Welding Technology 3

Course Code: IND563

State Course Code: 13207A002

Grade Levels: 12th

Credits: 1.0 Credit

Prerequisites: Vocational Welding 2 or Permit Required

These are advanced welding skills courses. These courses will teach students the processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. In this course, students will learn, and practice knowledge, attitude, skills, and habits required to perform tasks autonomously and with minimum supervision, including the selection and use of appropriate techniques and equipment. The purpose of these two courses is to further develop a more advanced understanding of the welding industry. Student will learn how to cut and weld in five different areas: Oxy-Acetylene cutting, Arc-Welding, MIG-Welding, Plasma Cutting, and TIG-Welding. Each course will include 2-3 weeks of safety training in this shop that will include proper PPE, information on injuries common to the workplace, and dangerous equipment if not used properly. Advanced students will use a computer Plasma Cutting Table to advance their knowledge in new technology while participating in projects using a variety of blueprints. Vocational students will be introduced to TIG-welding and bending of tubing used in racecar roll cages. Body panel welding such as that used in auto body repair will be experienced. Students will be exposed to several pieces of equipment, such as a hydraulic press, sandblaster, and spot welder.

Vocational Welding Technology 4

Course Code: IND564

State Course Code: 13207A002

Grade Levels: 12th

Credits: 1.0 Credit

Prerequisites: Vocational Welding 3 or Permit Required

This class is a continuation of the Vocational Welding Technology 3 class.

Welding Technology

Course Code: IND560

State Course Code: 13207A001

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

This course is designed to introduce the student to combination welding processes, applications and techniques. Learning to work safely in team concept will be stressed in this industrial training environment. Basic set-up and operation of welding and cutting will be studied and applied through hands-on demonstrations by the instructor and student lab practice exercises. This course offers an excellent opportunity for all technical, trade, and career-minded students (including engineering) to gain multi-introductory skills in welding technology.

MATH DEPARTMENT

The math department offers a rigorous and engaging curriculum designed to develop students' critical thinking, problem-solving, and analytical skills. Our courses cover a wide range of mathematical concepts, from foundational arithmetic to advanced topics in algebra, geometry, calculus, and statistics. Teacher teams work collaboratively to create an inclusive and supportive learning environment where students can explore mathematical ideas, apply them to real-world scenarios, and develop a deep understanding of the subject. A strong emphasis is placed on building logical reasoning, precision, and perseverance, preparing students for success in higher education and a variety of careers. Through these courses, students not only gain the mathematical skills necessary for academic achievement but also develop the critical thinking and problem-solving abilities essential for navigating the challenges of everyday life and future professional endeavors.

Algebra 1

Course Code: MTF21 & MTS21
State Course Code: 02053A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Incoming Freshmen: Math 2.4 GPA

This course focuses on the use of symbols (variables) to represent numbers. Algebra is a skill subject that requires practice and a prerequisite for all other high school level math and beyond. Each new concept is followed by a set of exercises designed to "fix" the idea in the student's mind. Emphasis will be placed on representing situations with linear equations as well as solving and graphing linear equations and inequalities.

Algebra 1A

Course Code: MTF31
State Course Code: 02053A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: Incoming Freshmen: Math 3.6 GPA

This course focuses on the use of symbols (variables) to represent numbers. Algebra is a skill subject that requires practice and a prerequisite for all other high school level math and beyond. Each new concept is followed by a set of exercises designed to "fix" the idea in the student's mind. Emphasis will be placed on representing situations with linear equations as well as solving and graphing linear equations and inequalities. This is an accelerated course which includes the subject matter of Algebra 1 plus supplemental material.

Algebra 2

Course Code: MTF22 & MTS22
State Course Code: 02054A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Algebra 1

This course includes topics of graphing and solving functions both linear and non-linear such as exponentials and quadratic. Special products, factoring, and properties of radicals and exponentials will also be explored.

Algebra 2A

Course Code: MTS32
State Course Code: 02054A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: Algebra 1/1A; 3.6 GPA

This course includes topics of graphing and solving functions both linear and non-linear such as exponentials and quadratic. Special products, factoring, and properties of radicals and exponentials will also be explored. This is an accelerated course which includes the subject matter of Algebra 2 plus supplemental material.

Algebra 3

Course Code: MTF25
State Course Code: 02056A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Algebra 2

This course includes a review of the algebraic skills from a more advanced point of view. Emphasis is placed on the following concepts: functions including linear, quadratic and polynomial, their domain and range, systems, and complex numbers.

Notes: Typically taken after Geometry 2

Algebra 3A

Course Code: MTF35
State Course Code: 02056A000
Grade Levels: 10th & 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: Algebra 2A (or Algebra 2 with Qualifying Math GPA and Department Chair Approval)

This course includes a review of the algebraic skills from a more advanced point of view. Emphasis is placed on the following concepts: functions including linear, quadratic and polynomial, their domain and range, systems, and complex numbers. This is an accelerated course which covers the subject matter of Algebra 3 plus supplemental material.

Notes: Usually taken after Geometry 2A; Students may double up with Pre-Calculus 1 if earned an A in Geometry 2A and obtains department chair's permission.

Algebra 4

Course Code: MTS26
State Course Code: 02056A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Algebra 3

This course is an introduction to topics covered in college mathematics, including graphing, logarithms, analysis of function, sequences and series, binomial expansion, quadratic equations, conics, polynomial expressions and functions.

Algebra 4A

Course Code: MTS36
State Course Code: 02056A000
Grade Levels: 10th & 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: Algebra 3A (or Algebra 3 with Qualifying Math GPA and Department Chair approval)

This course is an introduction to topics covered in college mathematics, including graphing, logarithms, analysis of function, sequences and series, binomial expansion, quadratic equations, conics, polynomial expressions and functions. This is an accelerated course which covers the subject matter of Algebra 4 plus supplemental material.

Notes: Students may double up with Pre-Calculus 2 if doubled up in Algebra 3A/ Pre-Calculus 1A. May take Pre-Calculus 2A if earned an A in both Algebra 3A and Pre-Calculus 1 with guidance/ department chair/ assistant principal approval.

Algebra Concepts 1

Course Code: MTF12 & MTS12
State Course Code: 02053A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Basic and Co-Taught Option Available

Prerequisites: Algebra Fundamentals or Failed Algebra 2

This course is designed for the student who has struggled with math. It will reinforce the development of Algebra Skills.

Algebra Concepts 2

Course Code: MTF15 & MTS15
State Course Code: 02054A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
Course Type: Basic and Co-Taught Option Available

Prerequisites: Algebra Concepts 1

This course fulfills the second semester Algebra focused course requirement for upper level students needing to complete their 3rd year graduation requirement in math. This course does not count as college bound credit. This course is usually taken after completing Geometry Concepts 2 or equivalent course

Algebra Fundamentals

Course Code: MTF11 & MTS11
State Course Code: 02051A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Basic and Co-Taught Option Available

Prerequisites: Incoming Freshmen Math GPA Below 2.4 (or Failed Algebra 1)

Entry level math course for students not prepared to take college level Algebra 1 course. The focus of this course will be on number sense with real numbers; translating situations into mathematical symbols and solving for an unknown; and solving linear equations.

Algebraic Computer Programming

Course Code: Currently Unavailable
State Course Code:
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
Course Pathway: Technical Prep

Prerequisites: Algebra 2 or 2A, or Geometry 2 or 2A if took at 9th Grade, or Algebra Concepts 2 & Video Game Design and Coding

This course will focus on computing systems, networks, data and analysis, algorithms, and programming, the impacts of computing, safety law and ethics.

AP Calculus 1A

Course Code: MTF39
State Course Code: 02124A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available;
Advanced Placement

Prerequisites: Pre-Calculus 2 or 2A

This college-level course receives accelerated credit. This is the first of two sequential courses that provide a thorough background for the students who will be attending colleges with very high academic expectations. This course AB Calculus curriculum includes relations, functions and graphs, limits and continuity, differentiation of algebraic functions, applications of differentiation, methods of integration, and applications of integrals.

Notes: For dual credit, both semesters of Calculus must be taken.

AP Calculus 2A

Course Code: MTS310
State Course Code: 02124A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available;
Advanced Placement

Prerequisites: AP Calculus 1A

This college-level course receives accelerated credit. This is the second semester of this college-level topic. It provides a continuation of the exploration and development of skills introduced in the first semester. This course AB Calculus curriculum includes relations, functions and graphs, limits and continuity, differentiation of algebraic functions, applications of differentiation, methods of integration, and applications of integrals.

Notes: For dual credit, both semesters of Calculus must be taken.

Applied Algebra

Course Code: MTF16 & MTS16
State Course Code: 02055A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
Course Type: Basic and Co-Taught Option
Available

Prerequisites: Algebra Concepts 2 (and Student Has Not Passed Algebra 2)

This course will explore the applications of various math concepts including probability and statistics, geometric concepts and right triangle trigonometry.

Geometry 1

Course Code: MTF23 & MTS23
State Course Code: 02072A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Algebra 2

This course is designed to cultivate thinking and reasoning. Students will be able to make conclusions based upon prior learning and a first time exposure to a formal mathematics structure.

Notes: Student may double up with Algebra 3 with guidance/ department chair/ assistant principal approval.

Geometry 1A

Course Code: MTF33
State Course Code: 02072A000
Grade Levels: 9th & 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: Algebra 2 or 2A, with Qualifying Math GPA; Incoming Freshmen: Math GPA 4.5 and Accelerated Algebra in 8th Grade.

This course is designed to cultivate thinking and reasoning. Students will be able to make conclusions based upon prior learning and a first time exposure to a formal mathematics structure. This is an accelerated course that contains essentially the same subject matter as does Geometry 1 plus supplemental materials and additional work on more complex proofs and problems

Notes: Students may double up with Algebra 3 if earned an A in Algebra 2A and obtains math department chair's permission. This is the preferred course to double if desire is to take Calculus senior year.

Geometry 2

Course Code: MTF24 & MTS24
State Course Code: 02072A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: Geometry 1

This course is a continuation of Geometry 1. The material from Geometry 1 is used to prove and solve other problems and theorems. The major concerns are similar triangles and other polygons, right triangles, ratio and proportion of line segments related to the triangles and polygons, circles and related lines and line segments, and coordinate geometry.

Geometry 2A

Course Code: MTS34
State Course Code: 02072A000
Grade Levels: 9th & 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: Geometry 1A, or Geometry 1 with Qualifying Math GPA

This course is a continuation of Geometry 1. The material from Geometry 1 is used to prove and solve other problems and theorems. The major concerns are similar triangles and other polygons, right triangles, ratio and proportion of line segments related to the triangles and polygons, circles and related lines and line segments, and coordinate geometry. This is an accelerated course that contains essentially the same subject matter as does Geometry 2 plus the supplemental materials and more work is done on the more involved topics.

Notes: Students may double up with Algebra 4 if doubled up in Geometry 1A & Algebra 3. This is the preferred course to double if desire is to take Calculus senior year.

Plane Geometry 1

Course Code: MTF13

State Course Code: 02071A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Basic and Co-Taught Option
Available

Prerequisites: Algebra Concepts 1, or Geometry 1
Failure

This course introduces students to the basic elements of Geometry: points, lines, planes, segments, and angles. The following topics are also covered: segment and angle relationships, relationships among angles formed by a transversal and parallel lines, perpendicular lines, triangles and properties/theorems related to angles and sides of a triangle, and the Pythagorean Theorem. Deductive reasoning is used to prove that two triangles are congruent.

Notes: Senior students may double up with Algebra Concepts if graduation requirement with guidance/math department chair/ assistant principal approval.

Plane Geometry 2

Course Code: MTF14

State Course Code: 02071A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Basic and Co-Taught Option
Available

Prerequisites: Geometry Concepts 1, or Geometry 1,
or Geometry 2 Failure

In this course students will be expected to interpret and apply properties related to many two-and three dimensional geometric shapes. Topics to be covered include: area, surface area, volume, scale factor, Pythagorean Theorem, and trigonometric functions.

Notes: Senior students may double up with Algebra Concepts if graduation requirement with guidance/math department chair/ assistant principal approval.

Pre-Calculus 1

Course Code: MTF27

State Course Code: 02110A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Algebra 4

This course will explore elementary functions and math analysis in preparation for Calculus. Topics include study of complex numbers, polynomials, rational functions and conics, exponential and logarithmic functions and matrices.

Pre-Calculus 1A

Course Code: MTF37

State Course Code: 02110A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Accelerated Course

Prerequisites: Math 3.6 GPA, or with Qualifying
Grade in Algebra 4A

This course will explore elementary functions and math analysis in preparation for Calculus. Topics include study of complex numbers, polynomials, rational functions and conics, exponential and logarithmic functions and matrices. This is an accelerated course which includes the subject matter of Pre-Calculus 1 as listed above plus supplemental material. Systems of multi-variable equations and matrices will also be explored.

Pre-Calculus 2

Course Code: MTS28

State Course Code: 02110A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Recommended: Pre-Calculus 1

This course will explore trigonometry and analytic geometry which will include working with right and oblique triangles; the polar coordinate system; and mathematical induction.

Pre-Calculus 2A

Course Code: MTS38

State Course Code: 02110A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Accelerated Course

Prerequisites: Math 3.6 GPA, or with Qualifying Grade in Pre-Calculus 1 or 1A

This course will explore trigonometry and analytic geometry which will include working with right and oblique triangles; the polar coordinate system; and mathematical induction. This is an accelerated course which includes the subject matter of Pre-Calculus 2 as listed above plus supplemental material.

Quantitative Literacy and Statistics

Course Code: Currently Unavailable

State Course Code:

Grade Levels: 12th

Credits: 0.5 Credit

Prerequisites: Completion of High School Math Requirements

This course is designed as a transitional math course intended for students who are not projected ready for college-level math at the end of their senior year. This course focuses on attaining competency in general statistics, data analysis, quantitative literacy, and problem solving.

Survey of Advanced Math 1

Course Code: MTF17 & MTS17

State Course Code: 02056A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

Course Pathway: Technical Prep

NCAA Approved

Prerequisites: Algebra 3 Failure or Department Chair Recommendation

This course is designed for the college bound student who needs a third year of math and whose skills are not strong enough to succeed in Algebra 3 and 4 yet.

Survey of Advanced Math 2

Course Code: MTF18 & MTS18

State Course Code: 02056A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Survey of Advanced Math 1 or Algebra 4 Failure

This course is a continuation of the Survey of Advanced Math 1.

PHYSICAL EDUCATION DEPARTMENT

The physical education department offers a dynamic and engaging curriculum designed to promote physical fitness, teamwork, and lifelong wellness. Our courses provide students with the opportunity to develop skills in a variety of sports and recreational activities, including volleyball, softball, fleetball, basketball, and other recreational games. Teacher teams create an inclusive and supportive environment where students can explore different forms of physical activity, learn the rules and strategies of various sports, and build confidence in their athletic abilities. Emphasis is placed on teamwork, sportsmanship, and personal fitness, encouraging students to stay active and develop healthy habits that last a lifetime. Through these courses, students gain not only physical strength and coordination but also important life skills such as leadership, collaboration, and perseverance, preparing them for success in both physical challenges and daily life.

Adaptive Physical Education

Course Code: PED659 & PED660

State Course Code: 08995A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

Prerequisites: Permit, Individual Education Plan, or Doctor Recommendation Required

Adapted Physical Education is designed to provide students with physical and motor disabilities or special needs an opportunity to engage in physical activity, develop motor skills, and improve overall fitness in a supportive and inclusive environment. This course emphasizes personalized instruction, tailored activities, and modified equipment to accommodate diverse abilities and promote participation. Students will explore a variety of physical activities, including individual and team sports, fitness exercises, and recreational games. The curriculum focuses on enhancing physical capabilities, building confidence, and fostering social skills through teamwork and cooperative play.

Physical Education - Volleyball

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course offers students a comprehensive introduction to volleyball, focusing on fundamental skills, game strategies, and physical fitness. Through a combination of practical exercises, teamwork activities, and class discussions, students will develop both their individual abilities and their understanding of the sport as a whole.

Physical Education - Basketball

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course offers students a comprehensive introduction to basketball, focusing on fundamental skills, game strategies, and physical fitness. Through a combination of practical exercises, teamwork activities, and class discussions, students will develop both their individual abilities and their understanding of the sport as a whole.

Physical Education – Weight Training

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course provides students with a thorough introduction to weight training, emphasizing proper techniques, exercise routines, and fitness principles. Through hands-on training sessions, collaborative workouts, and theoretical discussions, students will enhance their personal fitness levels while gaining a deeper understanding of strength training practices.

Physical Education - Fleetball

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course introduces students to the fundamentals of Fleetball, emphasizing skill development, game strategies, and physical fitness tailored for competitive play. Students will engage in a variety of activities aimed at mastering Fleetball techniques, including passing, receiving, advancing, scoring and defending.

Physical Education – Recreational Games

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course aims to introduce students to a variety of recreational games and activities, including Cornhole, Washers, Pickleball, Frisbee Golf, Walking, and more. Through participation and practice, students will develop skills, strategies, and techniques specific to each game. The objective is to promote physical activity, social interaction, and enjoyment of leisure sports while emphasizing sportsmanship, teamwork, and the importance of maintaining a healthy and active lifestyle.

Physical Education - Softball

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course provides students with a thorough introduction to softball, emphasizing essential skills, game tactics, and physical conditioning. By engaging in practical drills, teamwork exercises, and interactive discussions, students will enhance their personal skills while gaining a deeper insight into the dynamics of the sport.

Physical Education - Tennis

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This course offers students a comprehensive introduction to tennis, focusing on fundamental skills, match strategies, and physical conditioning. Through a combination of practical drills, match simulations, and classroom discussions, students will develop both their individual abilities and their overall understanding of the sport.

Physical Education – Online (Summer Only)

Course Code: PED 101-401

State Course Code: 08001A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: .25 Credit

This online physical education course offers students a unique opportunity to explore various sports and games through research and essay writing. Emphasizing both physical activity and academic engagement, the course integrates theoretical knowledge with practical understanding of sports and their cultural significance. Throughout the course, students will delve into different sports, examining their historical development, rules, strategies, and the physical demands placed on athletes. They will learn to critically analyze sports from multiple perspectives, including their impact on society, health benefits, and ethical considerations.

SCIENCE DEPARTMENT

The science department offers a comprehensive and inquiry-driven curriculum designed to ignite curiosity and develop critical thinking through the study of the natural world. Our courses span a wide range of scientific disciplines, including biology, chemistry, physics, environmental science, and more, allowing students to explore the principles that govern life, matter, energy, and the environment. Teacher teams work collaboratively to create engaging, hands-on learning experiences that encourage students to ask questions, conduct experiments, and analyze data. A strong emphasis is placed on scientific inquiry, problem-solving, and the development of analytical and communication skills. Through these courses, students gain the knowledge and skills needed to understand and contribute to scientific discussions, solve complex problems, and prepare for future studies or careers in science, technology, engineering, and mathematics (STEM) fields.

Anatomy and Physiology 1

Course Code: SCI218

State Course Code: 03053A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: 2.4 GPA; Biology 1 & 2

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. The curriculum provides a basis for students to develop a strong conceptual understanding of the following human body systems: integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive. Students have the opportunity to integrate that knowledge through inquiry-based activities and laboratory investigations. This course is designed for college preparation, especially for biology and health career majors.

Anatomy and Physiology 1A

Course Code: SCI217

State Course Code: 03053A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Biology 1 & 2

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. The curriculum provides a basis for students to develop a strong conceptual understanding of the following human body systems: integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive. Students have the opportunity to integrate that knowledge through inquiry-based activities and laboratory investigations. This course is designed for college preparation, especially for biology and health career majors.

Anatomy and Physiology 2

Course Code: SCI219
State Course Code: 03053A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA; Biology 1 & 2

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. The curriculum provides a basis for students to develop a strong conceptual understanding of the following human body systems: integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive. Students have the opportunity to integrate that knowledge through inquiry-based activities and laboratory investigations. This course is designed for college preparation, especially for biology and health career majors.

Anatomy and Physiology 2A

Course Code: SCI220
State Course Code: 03053A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Biology 1 & 2

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. The curriculum provides a basis for students to develop a strong conceptual understanding of the following human body systems: integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive. Students have the opportunity to integrate that knowledge through inquiry-based activities and laboratory investigations. This course is designed for college preparation, especially for biology and health career majors.

AP Biology 3A

Course Code: SCI215
State Course Code: 03056A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available;
Advanced Placement

Prerequisites: 3.6 GPA; Biology 1 & 2, Chemistry 1 & 2

This course is part of the two-semester Principles of Biology sequence, and is primarily focused on the core concepts of information flow and storage as well as evolution. Students will learn about the chemical and molecular basis of life, cell structure and function, gene structure, expression and heredity, reproduction, development, and evolution. As they learn concepts in biology, students will practice reasoning scientifically about real-world problems and applications.

Notes: For dual credit, both semesters of Biology must be taken.

AP Biology 4A

Course Code: SCI216
State Course Code: 03056A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available;
Advanced Placement

Prerequisites: 3.6 GPA; Biology 1 & 2, Chemistry 1 & 2

This course is part of the two-semester Principles of Biology sequence, and is primarily focused on the core concepts of information flow and storage as well as evolution. Students will learn about the chemical and molecular basis of life, cell structure and function, gene structure, expression and heredity, reproduction, development, and evolution. As they learn concepts in biology, students will practice reasoning scientifically about real-world problems and applications.

Notes: For dual credit, both semesters of Biology must be taken.

Biology 1

Course Code: SC9211

State Course Code: 03051A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Incoming Freshmen 2.4 GPA

This course surveys the field of biology. Stress is given to terminology and the complexity of organisms. Units of study include chemistry of life, ecology, the cell, photosynthesis, and various laboratory experiments.

Biology 1A

Course Code: SC9213

State Course Code: 03051A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Accelerated Course

Prerequisites: Incoming Freshmen 4.5 GPA

Biology 1A is primarily a freshman-level course aligned with college preparatory curriculum. Most students taking this course plan to pursue higher education after graduation. The course provides a comprehensive survey of biology, emphasizing terminology and the complexity of organisms. Units of study include the chemistry of life, ecology, the cell, photosynthesis, and various laboratory experiments.

Biology 2

Course Code: SC9212

State Course Code: 03051A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: 2.4 GPA; Biology 1 Recommended

This course surveys the field of biology. Units of study include cell growth and division, genetics, vertebrate animal systems, the dissection of various laboratory specimens, evolution, and various laboratory experiments.

Biology 2A

Course Code: SC9214

State Course Code: 03051A000

Grade Levels: 9th, 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Biology 1A

Biology 2A is a mainly freshman level class aligned to college prep curricula. Most students taking this course intend on pursuing some post high school education upon graduation. This course surveys the field of biology. Stress is given to terminology and the complexity of organisms. Units of study include cell growth and division, genetics, DNA/RNA, biotechnology, animal systems, evolution, dissections of various laboratory specimens, and other laboratory experiments.

Chemistry 1

Course Code: SCI221

State Course Code: 03101A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: 2.4 GPA; Biology 1 & 2 and Algebra 1 & 2 with a Grade a C or Better

This course will introduce Inorganic chemistry as a scientific investigation. Students will develop problem-solving skills, build necessary laboratory skills and learn to draw connections between Chemistry as a science and its application to life and technology.

Chemistry 1A

Course Code: SCI225
State Course Code: 03101A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Biology 1/1A & 2/2A and Algebra 1/1A & 2/2A

This course surveys the field of chemistry. Topics include: the metric system, matter & energy, atomic theory, nuclear chemistry nomenclature, chemical reactions, chemical composition, and stoichiometry (time permitted). Extensive laboratory work will be used to help the student become familiar with each of the topics. The advanced class provides more extensive coverage of the topics in Chemistry 1 as well as more extensive lab work.

Chemistry 2

Course Code: SCI222
State Course Code: 03101A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA; Biology 1 & 2 and Algebra 1 & 2 with a Grade a C or Better; Chemistry 1/ 1A

This course continues the study of chemistry. This course surveys the field of chemistry. Topics include: quantum mechanics, chemical bonding, gasses, solutions, acid/base chemistry, oxidation reduction reactions, and organic chemistry. Extensive laboratory work will be used to help the student become familiar with each of the topics.

Chemistry 2A

Course Code: SCI226
State Course Code: 03101A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Chemistry 1A

This course continues the study of chemistry. Topics include: This course provides more extensive coverage of the topics in Chemistry 2 as well as more extensive lab work.

Chemistry 3A

Course Code: SCI227
State Course Code: 03106A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available

Prerequisites: 3.6 GPA; Chemistry 2A

This course offers the student seeking advanced work in chemistry an opportunity to investigate topics such as chemical mathematics, energy changes in chemical reactions, atomic theory, chemical bonding, gasses, liquids, solids, solutions, chemical equilibrium, acid-base equilibria, chemical kinetics, thermodynamics, and electrochemistry. Extensive laboratory work in each of the topics is also an important part of each of these courses.

Chemistry 4A

Course Code: SCI228
State Course Code: 03106A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available

Prerequisites: 3.6 GPA; Chemistry 3A

This course is a continuation of the study of the topics introduced in Chemistry 3A.

Earth and Space 1

Course Code: SCI231

State Course Code: 03008A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: 2.4 GPA

This is a comprehensive study of Earth history, seismology, astronomy, and meteorology in a laboratory setting. (Both Earth science classes are designed for the college bound student).

Note: Biology 1 & 2 Recommended

Earth and Space 2

Course Code: SCI232

State Course Code: 03008A000

Grade Levels: 10th, 11th, & 12th

Credits: 0.5 Credit

Prerequisites: 2.4 GPA

This is a comprehensive study of physical geology involving the identification and use of minerals, rocks, plate tectonics, volcanoes, topographic maps, meteorology and astronomy in a laboratory setting. (Both Earth science classes are designed for the college bound student).

Note: Biology 1 & 2 Recommended

Environmental Science 1

Course Code: SCI235

State Course Code: 03003A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Dual Credit: SWIC Dual Credit Available

Prerequisites: 2.4 GPA; Qualifying Grade in Biology 1&2 and either Earth & Space 1&2 or Chemistry 1&2

This course provides an overview of physical and biological processes affecting the environment and explores current environmental issues. Laboratory and field study is an integrated part of the course. Units of study include: environmental systems, ecology, environmental policy, human population, soil, biodiversity, and forest management.

Notes: For dual credit with SWIC, both semesters must be taken.

Environmental Science 1A

Course Code: SCI237

State Course Code: 03003A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Accelerated Course

Dual Credit: SWIC Dual Credit Available

Prerequisites: 2.4 GPA; Qualifying Grade in Biology 1&2 and either Earth & Space 1&2 or Chemistry 1&3

This course provides an overview of physical and biological processes affecting the environment and explores current environmental issues. Laboratory and field study is an integrated part of the course. Units of study include: environmental systems, ecology, environmental policy, human population, soil, biodiversity, and forest management. This course provides more extensive coverage of the topics in Environmental Science 1.

Notes: For dual credit with SWIC, both semesters must be taken.

Environmental Science 2

Course Code: SCI236

State Course Code: 03003A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Dual Credit: SWIC Dual Credit Available

Prerequisites: 2.4 GPA; Qualifying Grade in Biology 1&2 and either Earth & Space 1&2 or Chemistry 1&4

This course provides an overview of physical and biological processes affecting the environment and explores current environmental issues. Laboratory and field study is an integrated part of the course. Units of study include: environmental systems, ecology, environmental policy, human population, soil, biodiversity, and forest management.

Notes: For dual credit with SWIC, both semesters must be taken.

Environmental Science 2A

Course Code: SCI238
State Course Code: 03003A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SWIC Dual Credit Available

Prerequisites: 2.4 GPA; Qualifying Grade in Biology 1&2 and either Earth & Space 1&2 or Chemistry 1&5

This course provides an overview of physical and biological processes affecting the environment and explores current environmental issues. Laboratory and field study is an integrated part of the course. Units of study include: environmental systems, ecology, environmental policy, human population, soil, biodiversity, and forest management. This course provides more extensive coverage of the topics in Environmental Science 2.

Notes: For dual credit with SWIC, both semesters must be taken.

Health

Course Code: SCI208 & SCI209
State Course Code: 08051A000
Grade Levels: 9th
Credits: 0.5 Credit
Course Type: Basic and Co-Taught Option Available

Freshmen Health is designed to meet the State of Illinois and National Health Education Standards, providing students with essential knowledge and skills to make informed decisions about their physical, mental, and social well-being. Through various activities, discussions, and assignments, students will explore topics such as nutrition, physical fitness, mental health, relationships, and personal safety.

Introduction to Biology

Course Code: SCI206
State Course Code: 03051A000
Grade Levels: 9th, 10th, & 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

This course is a comprehensive study of Biology, including topics such as biological evolution, heredity, ecosystems, and molecules to organisms.

Notes: This is a lab class.

Introduction to Chemistry

Course Code: SCI203
State Course Code: 03101A000
Grade Levels: 10th & 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

This course explores fundamental principles of matter and its interactions. Students will explore atomic structure, the periodic table, chemical reactions, and the properties of elements and compounds through a combination of theory and hands-on experiments. Emphasis is on developing critical thinking skills through problem-solving activities and laboratory investigations, enhancing understanding of chemistry's influence on everyday phenomena and the broader world.

Notes: This is a lab class.

Introduction to Earth Science

Course Code: SCI205
State Course Code: 03001A000
Grade Levels: 9th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

This course is a comprehensive study of physical geology involving the identification and use of minerals, rocks, plate tectonics, volcanoes, topographic maps, meteorology, astronomy, geologic time, and seismology in a laboratory setting.

Introduction to Physics

Course Code: SC9204
State Course Code: 03151A000
Grade Levels: 10th & 11th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

This is a one semester course for Tech Prep students which incorporates lab work. Topics studied include: velocity, acceleration, momentum, gravitation, motion, forces, work, power, energy, electricity, fluids, magnetism, waves, sound, and light.

Physics 1A

Course Code: SCI245
State Course Code: 03151A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Chemistry 1 & 2 and Math through Geometry 2

This course surveys the field of physics. Topics studied include: velocity, acceleration, momentum, gravitation, rotational motion, forces, work, power, energy, electricity, fluids, magnetism, waves, sound, and light. Extensive laboratory work is part of the study of each of the above topics.

Physics 1

Course Code: SCI241
State Course Code: 03151A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 3.0 GPA; Chemistry 1 & 2 and Geometry 1 & 2, or Current Enrollment

This course surveys the field of physics. Topics studied include: velocity, acceleration, momentum, gravitation, rotational motion, forces, work, power, energy, electricity, fluids, magnetism, waves, sound, and light. Extensive laboratory work is part of the study of each of the above topics.

Physics 2

Course Code: SCI242
State Course Code: 03151A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved

Prerequisites: 2.4 GPA; Physics 1

This course surveys the field of physics. Topics studied include: velocity, acceleration, momentum, gravitation, rotational motion, forces, work, power, energy, electricity, fluids, magnetism, waves, sound, and light. Extensive laboratory work is part of the study of each of the above topics.

Physics 2A

Course Code: SCI246
State Course Code: 03151A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; Physics 1 or 1A; Chemistry 1 & 2 and Math through Geometry 2

This course surveys follows a similar curriculum to Physics 2, but follows an accelerated pace with extended focus on the topics of the course.

SOCIAL STUDIES DEPARTMENT

The social studies department offers a thought-provoking and dynamic curriculum designed to deepen students' understanding of history, government, economics, and global issues. Our courses encourage students to explore the past, analyze current events, and examine the complexities of societies and cultures around the world. Teacher teams create an inclusive and engaging environment where students develop critical thinking, research, and communication skills through discussions, projects, and real-world applications. A strong emphasis is placed on understanding the connections between past and present events, fostering civic responsibility, and developing a sense of global awareness. Through these courses, students not only gain a deeper knowledge of history and society but also build the analytical and decision-making skills needed to be informed, active citizens in an increasingly interconnected world.

America at War

Course Code: SST122

State Course Code: 04103A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Course Type: Basic and Co-Taught Option Available

Students may take this course to fulfill one of their two required American history courses. This course begins with America's entry into the world of foreign affairs and its desire to build an empire. Great attention will be given to the United States' role in World War I and World War II with topics such as the Roaring 20's and the Great Depression sandwiched between the wars. This course will conclude with a brief overview of the United States' participation in the Cold War.

Notes: Students must take 2 of the 3 American history courses offered to satisfy the graduation requirement.

American Liberty and Justice

Course Code: SST149

State Course Code: 04162A000

Grade Levels: 11th & 12th

Credits: 0.5 Credit

NCAA Approved

Prerequisites: Civics

This course provides an in-depth exploration of the American legal system, focusing on the structure and function of the judiciary, the development and application of laws, and the administration of justice. Students will examine the historical foundations of American law, key constitutional principles, and significant Supreme Court cases that have shaped contemporary legal practices and civil rights. Through a combination of case studies, mock trials, and analysis of current events, students will gain a comprehensive understanding of the judicial process and its impact on society.

AP American History 1A

Course Code: SST125
State Course Code: 04104A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available;
Advanced Placement

Prerequisites: 3.6 GPA

Students may take this course to fulfill one of their two required American history courses. This course begins with the concept of Westward Expansion and traces the American experience through the Civil War, Reconstruction, our conflict with the Plains Indians, and the Industrial Revolution. This course will conclude with an examination of the Gilded Age and the Progressive Era.

Notes: Students must take 2 of the 3 American history courses offered to satisfy the graduation requirement.

AP American History 2A

Course Code: SST114
State Course Code: 04104A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available;
Advanced Placement

Prerequisites: 3.6 GPA

Students may take this course to fulfill one of their two required American history courses. This course begins with America's entry into the world of foreign affairs and its desire to build an empire. Great attention will be given to the United States' role in World War I and World War II with topics such as the Roaring 20's and the Great Depression sandwiched between the wars. This course will conclude with a brief overview of the United States' participation in the Cold War.

Notes: Students must take 2 of the 3 American history courses offered to satisfy the graduation requirement.

AP Civics A

Course Code: SST142
State Course Code: 04159A000
Grade Levels: 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: Advanced Placement

Prerequisites: 3.6 GPA

This course is designed to give the student a better understanding of the framework of government on both the national and local level. Through the course you will gain a deeper understanding of your own political thought, and the thoughts of those in power. We will also spend some time discussing current events.

Notes: Illinois requires students pass an examination of the Illinois and United States constitutions. These tests are incorporated into the civics class and grades are posted on the student's transcripts.

Building America

Course Code: SST121
State Course Code: 04102A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option
Available

Students may take this course to fulfill one of their two required American history courses. This course begins with the concept of Westward Expansion and traces the American experience through the Civil War, Reconstruction, our conflict with the Plains Indians, and the Industrial Revolution. This course will conclude with an examination of the Gilded Age and the Progressive Era.

Notes: Students must take 2 of the 3 American history courses offered to satisfy the graduation requirement.

Civics

Course Code: SST141
State Course Code: 04151A000
Grade Levels: 10th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic and Co-Taught Option Available

This course fulfills a student's graduation requirement for American government, the U.S. Constitution, and the Illinois Constitution. Civics addresses the basic structure and function of our government and a citizen's role in our government. Students will learn early American history around the time of the American Revolution and the creation of the Constitution and examine important contemporary legal challenges.

Notes: Illinois requires students pass an examination of the Illinois and United States constitutions. These tests are incorporated into the civics class and grades are posted on the student's transcripts.

Consumer Home Management

Course Code: SST130
State Course Code: 04201A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
Course Type: Basic Option Available

Consumer Home Management is a semester course that examines the basic kinds of economic systems and also includes an emphasis on personal, and financial growth and development. The course includes the study of economics, insurance, investments, loans, banking, and the foundations of personal finance in an attempt to prepare students for future economic stability.

Notes: This course fulfills the consumer education graduation requirement.

Economics

Course Code: SST143
State Course Code: 04201A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic Option Available

Prerequisites: 2.4 GPA

This course fulfills a student's consumer education course required in Illinois and is recommended for university bound students. Topics covered in this course include economics choices, business models, economic systems, market structures, supply, demand, and price, fiscal and monetary policy, and personal finances.

Notes: This course fulfills the consumer education graduation requirement.

Economics A

Course Code: SST144
State Course Code: 04201A000
Grade Levels: 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; American History 1A & 2A

This course fulfills a student's consumer education course required in Illinois and is recommended for university bound students. Topics covered in this course include economics choices, business models, economic systems, market structures, supply, demand, and price, fiscal and monetary policy, and personal finances.

Notes: This course fulfills the consumer education graduation requirement.

Global Issues

Course Code: SST147
State Course Code: 04064A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Dual Credit: SLU 1818 Dual Credit Available

Prerequisites: 2.6 GPA

This course introduces students to the topic of international relations. It examines the important role that national sovereignty has played in foreign policy since 1648, challenges that standard in the contemporary era, and investigates how countries interact in current events. This course extensively uses case studies to highlight the lessons.

Global Issues A

Course Code: SST148
State Course Code: 04064A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course
Dual Credit: SLU 1818 Dual Credit Available

Prerequisites: 3.6 GPA

This accelerated course introduces students to the topic of international relations. It examines the important role that national sovereignty has played in foreign policy since 1648, challenges that standard in the contemporary era, and investigates how countries interact in current events. This course extensively uses case studies to highlight the lessons.

Illinois History

Course Code: SST146
State Course Code: 04105A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

This elective course explores the history of Illinois from pre-history to the present. Topics covered include the life and culture of native peoples, the arrival of the Europeans, and the role of Illinois in more recent events. Students will become familiar with Illinois through a variety of sources, including maps and documents. The role and rise of Granite City along with other local history events is also discussed.

Modern America

Course Code: SST123 & SST124
State Course Code: 04103A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved

Students may take this course to fulfill one of their two required American history courses. This course will begin with an overview of the end of World War II and the beginning of the Cold War. Topics covered will include the Civil Rights Movement, American culture of the 1950s and 60s, and the Vietnam War.

Notes: Students must take 2 of the 3 American history courses offered to satisfy the graduation requirement.

Next Steps: College, Career and Civic Life

Course Code: SST120
State Course Code: 04305A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit

The purpose of this class is to implement the guiding principles of the C3 Framework (NCSS 2017) in exploring the next steps of a student's life after high school. Students will investigate post high school educational institutions, degree types, fields of study, financial planning, civic duties, and other C3 requirements. This class is dedicated to preparing students for their next steps.

Psychology

Course Code: SST131
State Course Code: 04254A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic Option Available

Prerequisites: 2.4 GPA

This elective course introduces the study of human behavior and will help us understand our behavior and that of others. Class topics include personality development, mental health, growth and development, and relationships.

Psychology A

Course Code: SST132
State Course Code: 04254A000
Grade Levels: 11th & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA

This accelerated elective course introduces the study of human behavior and will help us understand our behavior and that of others. Class topics include personality development, mental health, growth and development, and relationships.

World Geography

Course Code: SST116
State Course Code: 04001A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic Option Available

This elective course takes a regional approach to understanding geography. Students will gain an overview of the major physical and human geographic features on each of the continents. The use of maps and the important political themes connected to them will be an important part of the course.

World History 1

Course Code: SST111
State Course Code: 04051A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Basic Option Available

This elective course follows the history of man from ancient times through the age of the Roman Empire. Students will explore topics such as Ancient Greece, Ancient Rome, Ancient Asia, and the Ancient Egyptians.

Note: 2.5 GPA Recommended

World History 1A

Course Code: SST113
State Course Code: 04051A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; 9th Grade Students Must Be in the Secondary Honors Program

This elective course follows the history of man from ancient times through the age of the Roman Empire. Students will explore topics such as Ancient Greece, Ancient Rome, Ancient Asia, and the Ancient Egyptians.

World History 2

Course Code: SST112
State Course Code: 04053A000
Grade Levels: 10th, 11th, & 12th
Credits: 0.5 Credit
NCAA Approved

This elective course follows important historical events beginning in the Middle Ages and concluding with the World War I era. Students will explore topics such as the Renaissance, the French Revolution, and the rise of Napoleon.

Note: 2.5 GPA Recommended

World History 2A

Course Code: SST114
State Course Code: 04053A000
Grade Levels: 9th, 10th, 11th, & 12th
Credits: 0.5 Credit
Course Pathway: Elective Course
NCAA Approved
Course Type: Accelerated Course

Prerequisites: 3.6 GPA; 9th Grade Students Must Be in the Secondary Honors Program

This elective course follows important historical events beginning in the Middle Ages and concluding with the World War I era. Students will explore topics such as the Renaissance, the French Revolution, and the rise of Napoleon.

At Granite City High School, we are committed to nurturing the growth of every student by fostering essential social-emotional skills, such as responsible decision-making, relationship-building, social awareness, self-awareness, and self-management. These skills are foundational for achieving success in both post-secondary pursuits and in making meaningful contributions to our global community. We believe in the unique potential of each student and work to create an environment where all individuals feel valued, supported, and empowered to reach their goals. Our dedicated team of administrators, educators, counselors, social workers, and psychologists collaborate closely to ensure that every student receives the personalized support they need to thrive, both academically and personally.

We would like to extend our heartfelt thanks to the Board of Education for their continued support and dedication to making this educational experience possible. Their commitment to providing resources, fostering growth, and ensuring a high-quality learning environment plays a crucial role in the success of our students and the entire school community.

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