

2025-2026

NAVIGATOR

Lindbergh High School

Student Guide to Academic and Career Success

LINDBERGH HIGH SCHOOL

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GENERAL INFORMATION

A+ SCHOLARSHIP PROGRAM

The [A+ Scholarship Program](#) provides scholarship funds to eligible graduates of A+ designated high schools who attend a participating public community college or technical school, or certain private two-year technical schools. Lindbergh High School students are eligible for the A+ Scholarship Program if they meet the following requirements:

- Be a U.S. citizen, eligible non-citizen or lawfully present in the United States
- Attend a designated A+ high school for three years prior to graduation
- Enter into a written agreement with Lindbergh High School prior to graduation
- Graduate with an overall non-weighted grade-point average of 2.5 or higher on a 4.0 scale
- Have at least a 95 percent overall attendance record for grades 9-12
- Perform at least 50 hours of unpaid tutoring or mentoring in an academic area, of which 12.5 hours may be job shadowing
- Maintain a record of good citizenship and avoid the unlawful use of drugs and alcohol
- Achieve a score of proficient or advanced on the Algebra 1 end-of-course exam or above a qualifying math ACT score.

Visit the [Missouri Department of Higher Education website](#) to learn more about the A+ Scholarship Program.

ATHLETIC ELIGIBILITY

A student must be currently enrolled in courses that offer at least 3.0 units of credit, and must have earned at least 3.0 units of credit the previous semester. All incoming freshmen gain eligibility to participate in athletics in their first high school semester.

A student who was academically ineligible the preceding semester, but meets the academic standards at the close of that semester becomes eligible the first day he or she attends classes in the succeeding semester. Visit the [LHS Athletics website](#) for a complete list of eligibility requirements.

ELECTIVE

A course which a student chooses to take, but is not specifically required for graduation.

GRADING SYSTEM

Lindbergh High School students are graded in terms of the marks shown below:

A, B, C, D, F, and the following special codes:

I - Incomplete: Work must be completed by the end of the following quarter or the grade automatically becomes an F.

NC - No Credit: Does not count toward grade-point average. A student is not allowed more than five (5) unexcused absences from school per semester. Thereafter, the student will receive No Credit (NC) for that course. If the student is failing the course at the end of the semester, an F is given, and the F will override the NC.

P/F - A student may take a course for Pass/Fail only with the approval of the principal.

GRADE-POINT AVERAGE

The student's grade-point average (GPA) will be figured on the basis of semester grades in all subjects. No quarter grades will be used to determine GPA. Letter grades will be given the following values and then averaged to determine GPA. A = 4 points, B = 3 points, C = 2 points, D = 1 point, F = 0 points. Students enrolled in honors and AP courses receive an extra grade point for a grade of A, B or C.

GRADUATION WITH HONORS

The Graduation with Honors distinction recognizes students that have achieved a high cumulative grade-point average throughout high school.

- **Cum Laude:** 3.5-3.7 GPA
- **Magna Cum Laude:** 3.8-3.9 GPA
- **Summa Cum Laude:** 4.0+ GPA

PREREQUISITE

A course that must be successfully completed before another related course may be taken.

Example: Algebra 1 or Algebra 1B must be passed before Geometry can be taken.

REPEATING A COURSE

A student may repeat a course previously passed for no credit with permission of the principal. Both the original grade and the repeat grade will be used to determine the student's GPA.

REQUIRED COURSE

A course which is required by either the Missouri Department of Elementary and Secondary Education or Lindbergh High School for graduation.

SEMESTER FAILURE

If a student fails either semester of a course, and passes the other, credit will be given only for the semester passed. Math and World Language cannot be continued in the second semester if a student fails the first semester.

SUMMER SCHOOL

A summer school program is conducted at Lindbergh High School. The program is offered at no cost to resident students. Incoming ninth graders are eligible to take summer school courses. Registration materials will be made available in late February.

TRANSCRIPT

Official report of your semester grades, attendance, and GPA (weighted and unweighted).

TRANSFER OF CREDIT

A student transferring to Lindbergh High School from an unaccredited school (public, private or homeschool) must demonstrate knowledge of completed coursework. An interview and/or assessment with the respective Department Chair will take place to assess the student's knowledge of the curriculum. A letter grade will be assigned based on the proficiency level for each course and appropriate credit will be awarded.

UNIT OF CREDIT

One unit of credit is earned for successfully completing two semesters of work. Courses meeting daily for one semester earn one-half (0.5) credit.

GRADUATION REQUIREMENTS

A student must meet all requirements of the Lindbergh Schools Board of Education and the State of Missouri to earn a Lindbergh High School diploma.

24 UNITS OF CREDIT IN THE FOLLOWING AREAS

4.0 English

Required Courses: English 1, English 2, English 3, English 4 or equivalent

3.0 Mathematics

Minimum Required Courses: Algebra 1A, Algebra 1B, Geometry

3.0 Science

Minimum Required Courses: Biology A, Biology B, Physical Science

3.0 Social Studies

Required Courses: World History, U.S. Government and Politics, U.S. History
(Students must pass the U.S. Constitution, Missouri Constitution and U.S. Civics exams for graduation. Constitution exams are administered during the U.S. Government and Politics course. The Civics exam is administered during the U.S. History course.)

1.0 Fine Arts

Includes Music, Performing Arts, and/or Visual Arts

1.0 Practical Arts

Includes Business, Computer Programming, Driver Education, Engineering Technology, Family and Consumer Sciences, Journalism, Project Lead the Way Engineering, and/or Project Lead the Way Biomedical Science

1.0 Physical Education

Required Course: Personal Fitness Concepts

0.5 Health

0.5 Personal Financial Management

Three Options:

- Personal Financial Management Course
- Embedded Course Credit
- Test out with a 90 percent or higher

7.0 Electives*

Any course not specifically required for graduation

24 TOTAL UNITS OF CREDIT

**Although World Language is not required for graduation, several colleges and universities require two years of the same language for admittance.*

HONORS PROGRAM

Lindbergh High School offers honors classes and the Advanced Placement (AP) Program. These programs are designed for motivated students who want to challenge themselves academically.

HONORS CLASSES

Honors classes are offered in all core subject areas and World Language for grades 9-10. Students planning to take AP courses in their last two years of high school are strongly encouraged to enroll in honors classes during their first two years of high school. Students enrolled in AP courses are expected to take AP exams offered in May.

ADVANCED PLACEMENT

The AP Program is a cooperative educational endeavor of secondary schools, colleges and the College Board. AP offers rigorous courses and exams in a variety of content areas. Most AP exams cover the equivalent of a full-year college course.

ADVANCED PLACEMENT COURSES

- AP English Literature
- AP English Language
- AP Music Theory
- AP Drawing
- AP 2D Art
- AP 3D Art
- AP Art History
- AP Pre-Calculus
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP French 5
- AP Spanish 5
- AP German 5
- AP Macro Economics
- AP Micro Economics
- AP Computer Science A
- AP Computer Science Principles
- AP Biology
- AP Environmental Science
- AP Chemistry
- AP Physics 1
- AP Physics 2
- AP Physics C: Mechanics
- AP U.S. Government and Politics
- AP Comparative Government and Politics
- AP U.S. History
- AP Human Geography
- AP Psychology
- AP World History
- AP Seminar
- AP Research

AP CAPSTONE

AP Capstone™ is an innovative diploma program from College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP® courses—AP Seminar and AP Research—and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

The AP Capstone program aims to empower students by:

- engaging them with rigorous college-level curricula focused on the skills necessary for successful college completion;
- extending their abilities to synthesize information from multiple perspectives and apply skills in new situations and cross-curricular contexts;
- enabling them to collect and analyze information with accuracy and precision;
- cultivating their abilities to craft, communicate, and defend evidence-based arguments; and
- providing opportunities for them to practice disciplined and scholarly research skills while exploring relevant topics that appeal to their interests and curiosity.

DROPPING AN HONORS COURSE

All students are expected to stay in an honors course until the end of the semester. Students who drop an honors course may do so only between mid-quarter and the end of the first quarter, by following a prescribed procedure. Students will remain in the honors course until the procedure is complete. All grades earned in an honors course will be averaged into the grades of the new class. Because of graduation credit requirements, students with a semester failure in an honors course will be removed from the course.

COLLEGE AND CAREER PLANNING

SCHOOLINKS

Students and parents will have access to a career and college readiness tool called [Schoolinks](#). Schoolinks serves as a college and career readiness platform that helps students connect their academic achievement to post-secondary goals. The path to college and career readiness begins with self-discovery. Through self-discovery and collaboration with parents, teachers and school counselors, Schoolinks enables students to find college and career pathways that are right for them. Schoolinks helps students explore their strengths and areas of interest, and matches those skills with college and career options.

Students start their career and college exploration by:

- Setting personalized goals
- Assessing personal strengths
- Exploring career options based on interests
- Searching for colleges
- Requesting transcripts
- Applying for scholarships
- Tracking their admissions status

Schoolinks helps students plan a course of action to reach their goals, find resources to prepare academically, and discover their own path.

COLLEGE ENTRANCE

Students interested in attending college should follow college entrance requirements and course recommendations as much as possible. Graduation from high school does not ensure that a student has completed all courses necessary for college entrance. Each college has its own requirements. Counselors are available to help you plan your program and achieve your goals.

TYPICAL COLLEGE ADMISSIONS PATTERNS

- **Highly Selective:** Harvard, Yale, Brown
 - **Recommended:** English (4), Math (4), Science (4), Social Studies (4), World Language (3-4)
- **Selective:** Loyola, Truman, Purdue, SLU
 - **Recommended:** English (4), Math (4), Science (3-4), Social Studies (3-4), World Language (2-3)
- **Traditional:** Mizzou, UMSL, Lindenwood
 - **Recommended:** English (4), Math (3), Science (3-4), Social Studies (3), World Language (2)
- **Community College, Technical School:** STLCC, Ranken
 - **Recommended:** English (4), Math (3), Science (3), Social Studies (3)

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

Student-athletes must meet NCAA requirements in order to participate in a sport at the college level. Please check the [NCAA Eligibility Center](#) and the links below for the most current information.

- [Play Division I Sports](#)
- [Play Division II Sports](#)
- [Play Division III Sports](#)

NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS (NAIA)

The [NAIA Eligibility Center](#) will determine your eligibility based on your academic records and additional information you provide.

CAREER PATHWAYS

ARTS AND COMMUNICATIONS

These occupations are related to the humanities and the performing, visual, literary, and media arts. They may include architecture, graphic design and production, interior design, fashion design, film, fine arts, journalism, creative writing, language, radio, television, advertising, and public relations.

CAREER CLUSTERS: Arts, A/V Technology and Communication

BUSINESS MANAGEMENT AND TECHNOLOGY

These occupations are related to the business environment. They may include entrepreneurship, sales, marketing, computer and information systems, finance, accounting, personnel, economics, and management.

CAREER CLUSTERS: Information Technology; Finance; Marketing, Sales and Services; Business, Management and Administration

HEALTH SERVICES

These occupations are related to the promotion of health and treatment of disease. They may include research, prevention, treatment, and related technologies.

CAREER CLUSTERS: Health Sciences

HUMAN SERVICES

These occupations are related to economic, political and social systems. They may include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, and social services.

CAREER CLUSTERS: Human Services; Hospitality and Tourism; Government and Public Administration; Law, Public Safety, Corrections and Security; Education and Training

INDUSTRIAL AND ENGINEERING TECHNOLOGIES

These occupations are related to the technologies necessary to design, develop, install or maintain physical systems. They may include engineering, manufacturing, construction, service, and related technologies.

CAREER CLUSTERS: Science, Technology, Engineering and Mathematics; Architecture and Construction; Manufacturing; Transportation, Distribution and Logistics

NATURAL RESOURCES

These occupations are related to the environment and natural resources. They may include agriculture, earth science, environmental sciences, fisheries, forestry, horticulture, and wildlife.

CAREER CLUSTERS: Agriculture, Food and Natural Resources

DUAL CREDIT OPPORTUNITIES

The following courses may be offered for dual credit. A dual credit course is taught at Lindbergh High School by Lindbergh faculty. Students may earn college credit through a post-secondary institution if they meet the eligibility requirements and pay course fees. Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

St. Louis Community College

- College Composition 1 and Composition 2
- Earth Science
- AP Chemistry
- College Business Management
- Pre-Calculus Algebra (**Math 160/170**) **B or better in previous math course**
- AP Pre-Calculus (**Math 185**) **C or better in previous math course**
- AP Calculus AB (**Math 210**) **5 hours C or better in previous math course**
- AP Calculus BC
- Calculus 3 Honors
- Survey of Calculus
- AP Comparative Government and Politics/International Relations
- PLTW Biomedical Science*
- Cybersecurity
- AP US History

Missouri University of Science and Technology

- Cybersecurity
- PLTW Engineering*
- PLTW Biomedical Science*

University of Missouri- St. Louis

- Cadet Teaching
- Child Development 2

Missouri State University

- Personal Financial Management
- Advanced Marketing

Saint Louis University 1818 Program

- AP French 4 and 5
- AP German 4 and 5
- AP Spanish 4 and 5

*Successful completion of Project Lead The Way courses can earn college credit from many universities nationwide. College credit typically requires completion of more than one course in a sequence and passing scores on end-of-course exams.

COLLEGE CREDIT COURSE ENROLLMENT REQUIREMENTS

Requirements for Students (all GPA requirements are unweighted)

- Completing placement testing, and meeting established cut scores for college-level English, reading and math. ACT, SAT or Accuplacer scores may waive all or some portions of the placement. Multiple measures using high school cumulative grade-point average may also determine a student's eligibility in some cases.
- 11th and 12th graders must have:
 - 2.5 GPA or higher
- 10th graders must have:
 - 3.0 GPA
 - Letter from principal or counselor
 - Written parent or guardian permission

CORE 42

Missouri Senate Bill 997 ensures that all college credit general education courses are fully transferable to all public colleges and universities in Missouri. This statewide framework is called [CORE 42](#), and all courses that are included in this framework are identified in the catalog and in the course schedule with a Missouri Transfer (MOTR) number. Students who complete all 42-credit hours will have CORE 42 noted on their transcript. CORE 42 provides a special reassurance that each course with a MOTR number taken at St. Louis Community College will transfer as the same course to any public college or university in the state.

DIPLOMA+ PROGRAMS

Lindbergh High School Diploma+ Programs provide opportunities for 11th and 12th grade students to learn in settings that prepare them for college and careers. Most Diploma+ Programs result in high school credit, and some may additionally award college credit. Students interested in any of the Diploma+ Programs should speak with their school counselor.

EARLY COLLEGE

[Early College](#) allows a unique experience for rising juniors and seniors. Students participating in this experience complete their junior and senior years of high school at St. Louis Community College. Students earn credits toward their high school diploma and Associate of Arts degree simultaneously. At the end of the student's senior year in high school, the student can hold a diploma and an associate's degree and be ready for transfer to a four-year college or university. Participation in the program is dependent on the number of applicants and available district funding.

Associate of Arts - General Transfer Studies

St. Louis Community College offers an Associate of Arts - General Transfer Studies degree program for those students who seek to move from the community college to a four-year college or university. This is the program of study for most students involved in an early college program because it offers the broad base of study that completes high school studies and prepares students for transfer. This program is 60 credit hours and is based around the state framework of transferable courses known as CORE 42 which serves as general education courses.

CENTERS FOR ADVANCED PROFESSIONAL STUDIES (CAPS)

The [St. Louis Centers for Advanced Professional Studies \(CAPS\)](#) is an opportunity for high school juniors and seniors to engage in personalized learning experiences outside of a traditional classroom setting. Students learn directly from business and industry professionals in authentic workplace environments, including medical labs, engineering firms and small business incubators. CAPS participants are immersed in a professional culture, using industry standards, teamwork, critical thinking and creativity to solve real-world problems. Acceptance in the program is application-based. Several CAPS strands offer a dual credit option through regional colleges and universities.

SCHOOL FLEX

School Flex allows juniors or seniors to be employed or attend off-campus college, technical or professional programs while still being considered full-time students at Lindbergh High School. The student's off-campus plans must align with their individual career and academic plan (ICAP).

- **Dual Enrollment** allows seniors to attend college part-time and earn college credit while still in high school, while still taking some courses at LHS. Students must have a minimum 2.0 GPA. The student is responsible for applying to college and completing all the steps in the admission process. In addition, students are responsible for the cost of the course and providing their own transportation. Students do not receive LHS credit for course work.
- **Technical/Career Education or Employment** that is aligned with the student's ICAP may qualify for the School Flex Program. Examples would include technical training or other work-based learning. The student must provide a rationale for the program as well as evidence of participation and attendance. Students do not receive LHS credit for course work.

- **Internship/Apprenticeship** enrollment allows juniors and seniors to pursue work-based learning and learn professional skills in a career path of their choosing. Students will spend part of their time on campus learning work-based professional skills and part of their time off-campus in a career exploration, internship/apprenticeship, or service learning experience. Students will receive credit for this program.

SOUTH TECHNICAL HIGH SCHOOL

[South Technical High School](#) offers hands-on training for juniors and seniors in a variety of career and technical education programs. Students have the opportunity to investigate career interests prior to college and begin a career right after high school graduation. Since it is a public high school, there are no tuition fees or transportation costs.

HALF-DAY PROGRAM

Students take four academic classes at LHS and receive technical training at South Technical High School. Grades from Tech will transfer to LHS as practical art or elective credit and students will receive a Lindbergh High School diploma.

ACCESS POINT

The [Access Point](#) program offers a great opportunity for high school students who are interested in a career in technology. It provides dual enrollment coursework at STLCC, followed by a paid apprenticeship and job guarantee. It also offers mentorship and connections to community services, as well as connections to companies offering health insurance, 401k, and tuition reimbursement for a bachelor's degree.

LINDBERGH IMPACT

In [Lindbergh IMPACT](#), students will participate in an innovative learning environment where they explore their passions to connect their individual educational journeys with a personal, local, and global impact. Students will take seminar-style coursework combining multiple disciplines to create a learning environment where students can earn multiple credits within the same course. This is a program for rising sophomores and will be application based. Students will earn their English, Social Studies, and Fine Art credit within the program during a block of 3 class periods in the afternoon.

SEAL OF BILITERACY

The Missouri Seal of Biliteracy is an award recognized by the state of Missouri and granted by Lindbergh Schools to recognize a student who has attained proficiency in English and one or more other world language(s) before high school graduation. The recognition of attaining biliteracy becomes a part of the high school transcript for these students and serves to certify attainment of biliteracy for the community, employers and universities.

CNA: CERTIFIED NURSE ASSISTANT

This two-year course is for students who are interested in earning their CNA nursing certification. This course fully immerses students into healthcare through lab and patient care experiences in assisted living facilities. Students learn human anatomy and physiology, medical terminology, disease processes, CPR, first aid, vital signs, human relations skills, and basic healthcare skills while learning to think critically. An emphasis is placed on job readiness and professionalism in the workplace. Upon completion of the program requirements, qualified students can take the Missouri State Exam to become a Certified Nurse Assistant. It is recommended that students have earned a "C" or higher in all science courses.

AVIATION

Aviation is one of the fastest-growing industries in the world, offering a wide range of high-demand careers—from pilots and drone operators to engineers and air traffic controllers. Whether you dream of soaring through the skies or innovating on the ground, this course is your first step into an exciting and dynamic field..

EMT: EMERGENCY MEDICAL TECHNICIAN

The EMT program is a year-long course that meets the instructional requirements for students to take the national exam for certification as an emergency medical technician. Outside of school, students will partner with Mehlville Fire Protection District and possibly other emergency transport agencies and hospitals to meet the clinical requirements of an EMT certification. Instruction will take place at Lindbergh High School, with frequent site visits to enhance hands-on learning. An EMT certification can lead to many paths in healthcare, including paramedic, nursing, firefighting, and pre-medical studies. Students will also complete CPR certification in this course.

ALTERNATIVE STUDY PROGRAMS

Lindbergh High School recognizes that students may wish to pursue alternative educational opportunities for a variety of reasons. Only courses offered by an accredited institution will be considered. Students wishing to pursue an alternative course of study should discuss the options with their school counselor.

INDEPENDENT STUDY

The purpose is to allow students who have exhausted all options in a particular course of study to pursue their interests in greater depth for credit. The student who is interested in independent study must work out a contractual program of study with his or her counselor and teacher.

VIRTUAL LEARNING OPPORTUNITIES

The [Missouri Course Access Program \(MOCAP\)](#) offers students equal access to a wide range of high quality courses and interactive online learning that is neither time nor place dependent. Because virtual instruction can be an effective education option for some students, there may be courses available either through a district-provided virtual option or through MOCAP. Please contact your school counselor for more information about virtual learning opportunities.

ST. LOUIS VIRTUAL CAMPUS

St. Louis Virtual Campus allows students to access specialized and upper-level, asynchronous, online courses. Students will access their courses utilizing Schoology, St. Louis Virtual Campus' learning management system. Communication with the instructor and other students is done primarily via electronic communication (email, chats, discussion boards, etc.). Teachers may schedule online meetings, if needed.

St. Louis Virtual Campus allows students a flexible, online alternative to extend and enrich learning, as well as complete a portion of their high school course work. Classes will be designed to meet a variety of learning styles and needs.

Courses offered:

- AP Physics C: Electricity and Magnetism
- Chinese 1 and Chinese 2
- American Sign Language 1 and 2
- Calculus 3
- Differential Equations
- AP Art History

CREDIT RECOVERY

Credit recovery is a computer-based, alternative education program offered to students who have previously failed one or more classes. Credit recovery allows students to work at their own pace through various online and offline activities. Students may earn a maximum of four credits from the credit recovery program and have two consecutive semesters (including summer school to complete a course). If the course is not completed after two consecutive semesters, the student will receive an F. Credit recovery does not meet NCAA eligibility requirements.

LINDBERGH HIGH SCHOOL ACADEMY

The Lindbergh High School Academy is an extension of Lindbergh High School that provides an alternative learning environment for students. A school within a school, the Academy is designed to meet each individual student's needs. It is designed to assist students who have experienced limited success in the regular educational setting and see a true need for change in themselves. Contact your school counselor for more information.

How is it the same as LHS?

- Students receive a Lindbergh High School diploma.
- Students participate in Lindbergh High School's graduation ceremony.
- Students follow the Lindbergh Schools Rights and Responsibilities Handbook.
- Students follow Lindbergh High School's attendance policy.
- Students may participate in extracurricular activities and school sponsored events.
- Courses follow the same curriculum objectives.

How is it different?

- Smaller school size (Limited to 75 students)
- Reduced student-teacher ratio
- Hands-on learning; interdisciplinary units in an exploratory 1-1 learning environment
- In-class assignments and supervised study
- Individual, self-paced learning
- Service learning projects required every semester
- Four classes every nine weeks; students can earn 8 credits per year
- Modified daily class schedule

COURSE SELECTION PROCESS

It is the goal of Lindbergh High School to properly place all students into courses best suited to their needs as individual learners. In several departments, teacher recommendations are made as to which class a student should take within that content area. Because we want our students to be both challenged and successful, it is strongly suggested that students follow teacher recommendations for the courses they should enroll in for the following year.

OVERVIEW AND TIMELINES

- Students will receive registration materials in January.
- Teachers will assist students in selecting appropriate and challenging courses within their specific content areas during class time.
- Students will enter their course selections online via the Academic Planning tool in Infinite Campus.
- Counselors will meet with students to review their course selections.
- Schedules will be available the first week of August.

SCHEDULE CORRECTIONS

Students are expected to read the course descriptions in the Navigator and discuss course offerings with teachers, parents and counselors before entering their course requests. Students may make corrections to their course selections prior to the end of the current school year. Schedule corrections will not be made over the summer or once the new school year begins.

DROPPING A CLASS

Students are expected to be enrolled in seven classes or six classes and a Learning Lab. A student will be allowed to drop a class and enroll in a Learning Lab during the first quarter of each semester. Withdrawals from a course into a Learning Lab after the deadline will result in an F in the course for the semester.

COURSE OPTIONS BY GRADE

9th Grade Course Options

Electives

1494 - Pathways to Literacy (Y) ~
1501 - Speech and Debate (S) ^
9030 - AVID 9 (Y)
8600 - STUCO (Y) ~
9014 - Lead for Life (Y) ~
9515 - LEAP Innovators and Investigators (S/Y)

English

1100 - English 1 (Y) ^
1102 - English 1 Honors (Y) ^

English Language Development: Teacher Placement

1603 - ELD Study Skills (Y) ~
1611 - ELD Beginning (Y) ~
1616 - ELD Intermediate (Y) ~
1615 - ELD Advanced (Y) ~
1618 - ELD World History (Y) ~
1612 - ELD Government (Y) ~
1613 - ELD U.S. History (Y) ~
1619 - ELD Biology (Y) ~
1609 - ELD Reading Strategies (Y) ~

Fine Arts: Music

6350 - Mixed Choir (S/Y)
6370 - A Cappella Choir (Y) ~
6390 - Concert Treble Choir (Y) ~
6419 - Limelight Show Choir (Y) ~
6420 - Mads Show Choir (Y) ~
6530 - Music Tech 1 (S1)
6531 - Music Tech 2 (S2) ~
6516 - Freshman Band (Y) ~
6631 - Color Guard (S1) ~
6630 - Marching Band (S1) ~
6625 - Freshman Band (S2)
6562 - Freshman Orchestra (Y) ~
6580 - Jazz Ensemble (Y) ~

Fine Arts: Performing Arts

1540 - Theatre Survey (S)
1545 - Acting for the Camera (S)
1560 - Basic Acting (S)

Fine Arts: Visual Arts

6200 - Art and Design (Y)
6245 - Studio Art 1 (S1) ~
6246 - Studio Art 2 (S2) ~

Learning Lab

9000 - Learning Lab (No Credit) (S/Y)
9003 - Gifted Learning Lab (No Credit) (S/Y) ~
9007 - Advanced Mathematics Learning Lab (No Credit) (S/Y) ~

Mathematics

3110 - Algebra 1A (Y) ~ ^
3150 - Algebra 1 College Prep (Y) ~ ^
3155 - AMPED in Algebra (Y) ~ ^
3180 - Geometry Honors (Y) ~ ^
3250 - Geometry College Prep (Y) ~ ^

Physical Education and Health

8323 - Health and Family Education (S)
 8100 - Boys Personal Fitness Concepts (S)
 8110 - Team and Individual Sports (S) ~
 8201 - Girls Personal Fitness Concepts (S)
 8105 - Lifetime Fitness (S) ~
 8300 - Dance and Fitness Concepts (S) ~
 8330 - Basic Weight Training (S) ~
 8350 - Female Fitness (S) ~
 8115 - Outdoor Adventures (S) ~

Practical Arts: Business

5290 - Intro to Business (S)
 5300 - Career Explorations (S)
 5290 - Intro to Business (S)
 5380 - Microsoft Office 1 (S)
 5415 - AMPED in Business (Y) ~
 5459 - Marketing Basics (S)

Practical Arts: Computer Science

3451 - Intro to Programming (S1) ~
 3452 - Advanced Programming (S2) ~
 3457 - IT Innovations (S)
 3495 - Web and Design 1 (S1) ~
 3496 - Web and Design 2 (S2) ~
 3500 - AP Computer Science Principles (Y)

Practical Arts: Driver Education

5850 - Driver Ed 1 (S)

Practical Arts: Family and Consumer Sciences

5690 - Foods 1 (S)
 5700 - Foods 2 (S) ~
 5745 - Introduction to Sewing (S)
 5755 - Sewing 2 (S) ~
 5770 - Child Development 1 (S)
 5775 - Child Development 2 (S) ~
 5785 - Fashion and Interior Design (S)
 5790 - Relationships (S)

Practical Arts: Journalism

1510 - Intro to Broadcast (S)
 1512 - Introduction to Journalism (S)

Practical Arts: PLTW Engineering

5560 - Introduction to Engineering Design (Y)

Science

4200 - Biology (Y) ^
 4202 - Biology Honors (Y) ^
 4205 - Biology A (Y) ^
 5570 - Principles of Biomedical (Y) - must take a Biology course concurrently

Social Studies

2200 - World History (Y) ^
 2202 - World History Honors (Y) ~ ^

World Language

7210 - French 1 (Y) ^
 7220 - French 2 (Y) ~ ^
 7222 - French 2 Honors (Y) ~ ^
 7510 - Spanish 1 (Y) ^
 7520 - Spanish 2 (Y) ~ ^
 7522 - Spanish 2 Honors (Y) ~ ^
 7610 - German 1 (Y) ^
 7620 - German 2 (Y) ~ ^
 7622 - German 2 Honors (Y) ~ ^
 7710 - Chinese 1 (St. Louis Virtual Campus) (Y) ^
 7110 - American Sign Language 1 (St. Louis Virtual Campus) (Y) ^

(Y) = Year-long course (S) = Semester-long course ~ = Prerequisite required ^ = NCAA course

10th Grade Course Options

Electives

1470 - Reading Strategies 1 (Y) ~
1501 - Speech and Debate (S) ^
1652 - AP Seminar (Y)
8600 - STUCO (Y) ~
9014 - Lead for Life (Y)
9031 - AVID 10 (Y) ~
9515 - LEAP Innovators and Investigators (S/Y)

English

1200 - English 2 (Y) ^
1202 - English 2 Honors (Y) ~ ^
1210 - IMPACT English (Y)
1651 - Ap Seminar/English 2 Honors (Y) ~ ^

English Language Development: Teacher Placement

1603 - ELD Study Skills (Y) ~
1611 - ELD Beginning (Y) ~
1616 - ELD Intermediate (Y) ~
1615 - ELD Advanced (Y) ~
1618 - ELD World History (Y) ~
1612 - ELD Government (Y) ~
1613 - ELD U.S. History (Y) ~
1619 - ELD Biology (Y) ~
1609 - ELD Reading Strategies (Y) ~

Fine Arts: Music

6350 - Mixed Choir (S/Y)
6370 - A Cappella Choir (Y) ~
6390 - Concert Treble Choir (Y) ~
6419 - Limelight Show Choir (Y) ~
6420 - Mads Show Choir (Y) ~
6445 - AP Music Theory (Y)
6530 - Music Tech 1 (S1)
6531 - Music Tech 2 (S2) ~
6560 - Chamber Orchestra (Y) ~
6564 - Symphony Orchestra (Y) ~
6580 - Jazz Ensemble (Y) ~
6630 - Marching Band (S1) ~
6631 - Color Guard (S1) ~
6632 - Learning Lab and Band (S1) ~
6602 - Symphonic Band (S2) ~
6604 - Concert Band (S2) ~
6690 - Percussion (S2) ~

Fine Arts: Performing Arts

1540 - Theatre Survey (S)
1545 - Acting for the Camera (S)
1560 - Basic Acting (S)
1563 - Advanced Theatre (S) ~
1565 - Theatre Production (S) ~

Fine Arts: Visual Arts

6200 - Art and Design (Y)
6210 - IMPACT Art
6245 - Studio Art 1 (S1) ~
6246 - Studio Art 2 (S2) ~
6247 - Studio Art 3 (S1) ~
6248 - Studio Art 4 (S2) ~
6253 - Fibers and Crafts 1 (S) ~
6254 - Fibers and Crafts 2 (S) ~
6275 - Ceramics 1 (S) ~
6276 - Ceramics 2 (S) ~
6290 - Digital Art (S) ~

Learning Lab

9000 - Learning Lab (No Credit) (S/Y)
9003 - Gifted Learning Lab (No Credit) (S/Y) ~
9007 - Advanced Mathematics Learning Lab (No Credit) (S/Y) ~
9090 - Writing Center (No Credit) (S/Y) ~

Mathematics

3110 - Algebra 1A (Y) ^
3120 - Algebra 1B (Y) ~ ^
3150 - Algebra 1 College Prep (Y) ^
3155 - AMPED in Algebra (Y) ~ ^
3180 - Geometry Honors (Y) ~ ^
3205 - Geometry (Y) ~ ^
3250 - Geometry College Prep (Y) ~ ^
3305 - Algebra 2 College Prep (Y) ~ ^
3310 - Algebra 2 Honors (Y) ~ ^

Personal Finance

5130 - Personal Financial Management (S)

Physical Education and Health

8323 - Health and Family Education (S)
8100 - Boys Personal Fitness Concepts (S)
8201 - Girls Personal Fitness Concepts (S)
8105 - Lifetime Fitness (S) ~
8110 - Team and Individual Sports (S) ~
8115 - Outdoor Adventures (S) ~
8215 - Buddies in Motion (S) ~
8300 - Dance and Fitness Concepts (S) ~
8330 - Basic Weight Training (S) ~
8340 - Advanced Strength and Conditioning (S) ~
8350 - Female Fitness (S) ~

Practical Arts: Aviation

5860 - Aviation 1 (S)
5861 - Aviation 2 (S) ~

Practical Arts: Business

5270 - Graphic Design in Advertising (S)
5300 - Career Explorations (S)
5310 - Business Personal Law (S)
5290 - Intro to Business (S)
5380 - Microsoft Office 1 (S)
5385 - Sports and Entertainment Marketing (S)
5400 - Accounting 1 (Y)
5410 - Start Your Own Business (S)
5415 - AMPED in Business (Y) ~
5459 - Marketing Basics (S)
5461 - Advanced Marketing (Y) ~
5463 - Social Media and Digital Marketing (S)
5470 - International Business and Marketing (S)

Practical Arts: Computer Science

3451 - Intro to Programming (S1) ~
3452 - Advanced Programming (S2) ~
3455 - Cybersecurity (Y)
3457 - IT Innovations (S)
3490 - AP Computer Science A (Y) ~
3495 - Web Design 1 (S1) ~
3496 - Web Design 2 (S2) ~
3500 - AP Computer Science Principles (Y)

Practical Arts: Driver Education

5850 - Driver Ed 1 (S)

Practical Arts: Engineering Technology

5505 - Technology Help Desk (Y) ~
5510 - Product Manufacturing and Construction (Y)
5553 - A+ Certification (Y) ~
5530 - Network+/Server+ Certification (Y) ~

Practical Arts: Family and Consumer Sciences

5690 - Foods 1 (S)
5700 - Foods 2 (S) ~
5715 - International Cuisine (S) ~
5718 - Baking and Pastry (S) ~
5745 - Introduction to Sewing (S)
5755 - Sewing 2 (S) ~
5770 - Child Development 1 (S)
5775 - Child Development 2 (S) ~
5785 - Fashion and Interior Design (S)
5790 - Relationships (S)

Practical Arts: Journalism

1340 - Yearbook (Y) ~
1350 - Pilot Newspaper (Y) ~
1510 - Intro to Broadcast (S)
1512 - Introduction to Journalism (S)
1516 - Sports Broadcast (Y) ~

Practical Arts: PLTW Engineering

5560 - Introduction to Engineering Design (Y)
5561 - Principles of Engineering (Y) ~
5565 - Digital Electronics (Y)

Science

4210 - Biology B (Y) ~ ^
4100 - Physical Science (Y) ~ ^
4302 - Chemistry Honors (Y) ~ ^
5570 - Principles of Biomedical (Y)
5572 - Human Body Systems (Y) ~

Social Studies

2490 - AP U.S. Government and Politics (Y) ~ ^
2500 - U.S. Government and Politics (Y) ^
2510 - IMPACT Government

World Language

7210 - French 1 (Y) ^
7220 - French 2 (Y) ~ ^
7222 - French 2 Honors (Y) ~ ^
7230 - French 3 (Y) ~ ^
7232 - French 3 Honors (Y) ~ ^
7510 - Spanish 1 (Y) ^
7520 - Spanish 2 (Y) ~ ^
7522 - Spanish 2 Honors (Y) ~ ^
7530 - Spanish 3 (Y) ~ ^
7532 - Spanish 3 Honors (Y) ~ ^
7610 - German 1 (Y) ^
7620 - German 2 (Y) ~ ^
7622 - German 2 Honors (Y) ~ ^
7630 - German 3 (Y) ~ ^
7632 - German 3 Honors (Y) ~ ^
7710 - Chinese 1 (St. Louis Virtual Campus) (Y) ^
7720 - Chinese 2 (St. Louis Virtual Campus) (Y) ~ ^
7110 - American Sign Language 1 (St. Louis Virtual Campus) (Y) ^
7120 - American Sign Language 2 (St. Louis Virtual Campus) (Y) ^

(Y) = Year-long course

(S) = Semester-long course

~ = Prerequisite required

^ = NCAA course

11th Grade Course Options

Electives

1470 - Reading Strategies 1 (Y) ~
1480 - Reading Strategies 2 (Y) ~
1501 - Speech and Debate (S) ^
1652 - AP Seminar (Y)
1701 - Film Studies (S)
2340 - U.S. Law and Society (S) ^
2355 - Women in American History (S) ~
2401 - AP Human Geography (Y) ^
2410 - Contemporary Issues (S/Y) ^
2430 - General Psychology (Y) ^
2431 - AP Psychology (Y) ~ ^
2450 - Sociology (S) ^
2495 - AP Comparative Government & Politics/ International Relations (Y)
2605 - AP World History (Y) ~ ^
8600 - STUCO (Y) ~
9014 - Lead for Life (Y)
9032 - AVID 11 (Y)
9515 - LEAP Innovators and Investigators (S/Y) ~

English

1300 - English 3 (Y) ^
1305 - English 3 PBL (Y)
1441 - AP English Language (Y) ~ ^
1442 - AP English Literature (Y) ~ ^

English Language Development: Teacher Placement

1603 - ELD Study Skills (Y) ~
1611 - ELD Beginning (Y) ~
1616 - ELD Intermediate (Y) ~
1615 - ELD Advanced (Y) ~
1618 - ELD World History (Y) ~
1612 - ELD Government (Y) ~
1613 - ELD U.S. History (Y) ~
1619 - ELD Biology (Y) ~
1609 - ELD Reading Strategies (Y) ~

Fine Arts: Electives

1360 - Introduction to Philosophy (S)
2461 - Humanities (S/Y) ^

Fine Arts: Music

6350 - Mixed Choir (S/Y)
6370 - A Cappella Choir (Y) ~
6390 - Concert Treble Choir (Y) ~
6419 - Limelight Show Choir (Y) ~
6420 - Mads Show Choir (Y) ~
6445 - AP Music Theory (Y)
6530 - Music Tech 1 (S1)
6531 - Music Tech 2 (S2) ~
6560 - Chamber Orchestra (Y) ~
6564 - Symphony Orchestra (Y) ~
6580 - Jazz Ensemble (Y) ~
6630 - Marching Band (S1) ~
6631 - Color Guard (S1) ~
6632 - Learning Lab and Band (S1) ~
6602 - Symphonic Band (S2) ~
6604 - Concert Band (S2) ~
6690 - Percussion (S2) ~

Fine Arts: Performing Arts

1540 - Theatre Survey (S)
1545 - Acting for the Camera (S)
1560 - Basic Acting (S)
1563 - Advanced Theatre (S) ~
1565 - Theatre Production (S) ~

Fine Arts: Visual Arts

6200 - Art and Design (Y)
6245 - Studio Art 1 (S1) ~
6246 - Studio Art 2 (S2) ~
6247 - Studio Art 3 (S1) ~
6248 - Studio Art 4 (S2) ~
6253 - Fibers and Crafts 1 (S) ~
6254 - Fibers and Crafts 2 (S) ~
6273 - AP Drawing (Y) ~
6270 - AP 2-D Art (Y) ~
6272 - AP 3-D Art (Y) ~
6274 - AP Art History (Y) ~ (St. Louis Virtual Campus)
6275 - Ceramics 1 (S) ~
6276 - Ceramics 2 (S) ~
6290 - Digital Art (S) ~

Learning Lab

9000 - Learning Lab (No Credit) (S/Y)
9003 - Gifted Learning Lab (No Credit) (S/Y) ~
9007 - Advanced Mathematics Learning Lab (No Credit) (S/Y) ~
9012 - Link Crew Learning Lab (No Credit) (S/Y) ~
9090 - Writing Center (No Credit) (S/Y) ~

Mathematics

3120 - Algebra 1B (Y) ~ ^
3150 - Algebra 1 College Prep (Y) ^
3205 - Geometry (Y) ~ ^
3250 - Geometry College Prep (Y) ~ ^
3302 - Algebra 2 (Y) ~ ^
3305 - Algebra 2 College Prep (Y) ~ ^
3310 - Algebra 2 Honors (Y) ~ ^
3351 - AP Pre-Calculus (Y) ~ ^
3400 - Pre-Calculus Algebra/Trig (Y) ~ ^
3511 - AP Statistics (Y) ~ ^
3442 - Survey of Calculus (Y) ~
3448 - Differential Equations (St. Louis Virtual Campus) (Y) ~ ^

Personal Finance

5130 - Personal Financial Management (S)

Physical Education and Health

8323 - Health and Family Education (S)
8100 - Boys Personal Fitness Concepts (S)
8201 - Girls Personal Fitness Concepts (S)
8105 - Lifetime Fitness (S) ~
8110 - Team and Individual Sports (S) ~
8115 - Outdoor Adventures (S) ~
8215 - Buddies in Motion (S) ~
8300 - Dance and Fitness Concepts (S) ~
8330 - Basic Weight Training (S) ~
8340 - Advanced Strength and Conditioning (S) ~
8350 - Female Fitness (S) ~

Practical Arts: Aviation

5860 - Aviation 1 (S)
5861 - Aviation 2 (S) ~

Practical Arts: Business

5100 - Internship (Y) ~
5270 - Graphic Design in Advertising (S)
5300 - Career Explorations (S)
5310 - Business Personal Law (S)
5290 - Intro to Business (S)
5380 - Microsoft Office 1 (S)
5385 - Sports and Entertainment Marketing (S)
5400 - Accounting 1 (Y)
5405 - Accounting 2 (Y) ~
5410 - Start Your Own Business (S)
5459 - Marketing Basics (S)
5461 - Advanced Marketing (Y) ~
5463 - Social Media and Digital Marketing (S)
5470 - International Business and Marketing (S)
5479 - College Business Management (Y)
5490 - AP Economics (Y)

Practical Arts: Certified Nurse Assistant (CNA)

5540 - Certified Nurse Assistant (Y)
5541 - Certified Nurse Assistant (Y)

Practical Arts: Computer Science

3451 - Intro to Programming (S1) ~
3452 - Advanced Programming (S2) ~
3457 - IT Innovations (S)
3490 - AP Computer Science A (Y) ~
3495 - Web Design 1 (S1) ~
3496 - Web Design 2 (S2) ~
3455 - Cybersecurity (Y)
3500 - AP Computer Science Principles (Y)

Practical Arts: Driver Education

5850 - Driver Ed 1 (S)

Practical Arts: Engineering Technology

5505 - Technology Help Desk (Y) ~
5510 - Product Manufacturing and Construction (Y)
5553 - A+ Certification (Y) ~
5530 - Network+/Server+ Certification (Y) ~

Practical Arts: Family and Consumer Sciences

5690 - Foods 1 (S)
5700 - Foods 2 (S) ~
5715 - International Cuisine (S) ~
5718 - Baking and Pastry (S) ~
5745 - Introduction to Sewing (S)
5755 - Sewing 2 (S) ~
5770 - Child Development 1 (S)
5775 - Child Development 2 (S) ~
5778 - Cadet Teaching (Y) ~
5785 - Fashion and Interior Design (S)
5790 - Relationships (S)

Practical Arts: Journalism

1340 - Yearbook (Y) ~
1350 - Pilot Newspaper (Y) ~
1510 - Intro to Broadcast (S)
1512 - Introduction to Journalism (S)
1516 - Sports Broadcast (Y) ~

Practical Arts: PLTW Engineering

5560 - Introduction to Engineering Design (Y)
5561 - Principles of Engineering (Y) ~
5562 - Civil Engineering and Architecture (Y)
5565 - Digital Electronics (Y)
5567 - Engineering Design and Development (Y) ~

Practical Arts: South Tech

5650 AM Tech (Y)
5651 AM Tech (Y)
5652 AM Tech (Y)

Science

4100 - Physical Science (Y) ~ ^
4122 - Plant Sciences (S2) ~
4224 - AP Biology (Y) ~ ^
4240 - Zoology (S1) ~
4270 - Human Anatomy and Physiology (Y) ~ ^
4290 - Environmental Science (Y) ~ ^
4295 - AP Environmental Science (Y) ~ ^
4300 - Chemistry (Y) ~ ^
4324 - AP Chemistry (Y) ~ ^
4400 - Physics (Y) ~ ^
4402 - AP Physics 1 (Y) ~ ^
4410 - Meteorology (S) ~
4120 - Earth Science (Y) ~
4418 - Astronomy (S) ~ ^
5570 - Principles of Biomedical (Y)
5572 - Human Body Systems (Y) ~
5574 - Medical Interventions (Y) ~

Social Studies

2220 - U.S. History (Y) ^
2225 - U.S. History PBL (Y)
2250 - AP U.S. History (Y) ~ ^

World Language

7210 - French 1 (Y) ^
7220 - French 2 (Y) ~ ^
7222 - French 2 Honors (Y) ~ ^
7230 - French 3 (Y) ~ ^
7232 - French 3 Honors (Y) ~ ^
7241 - French 4 (Y) ~ ^
7242 - French 4 Honors/1818 (Y) ~ ^
7510 - Spanish 1 (Y) ^
7520 - Spanish 2 (Y) ~ ^
7522 - Spanish 2 Honors (Y) ~ ^
7530 - Spanish 3 (Y) ~ ^
7532 - Spanish 3 Honors (Y) ~ ^
7541 - Spanish 4 (Y) ~ ^
7542 - Spanish 4 Honors/1818 (Y) ~ ^
7610 - German 1 (Y) ^
7620 - German 2 (Y) ~ ^
7622 - German 2 Honors (Y) ~ ^
7630 - German 3 (Y) ~ ^
7632 - German 3 Honors (Y) ~ ^
7641 - German 4 (Y) ~ ^
7642 - German 4 Honors/1818 (Y) ~ ^
7710 - Chinese 1 (St. Louis Virtual Campus) (Y) ^
7720 - Chinese 2 (St. Louis Virtual Campus) (Y) ~ ^
7110 - American Sign Language 1 (St. Louis Virtual Campus) (Y) ^
7120 - American Sign Language 2 (St. Louis Virtual Campus) (Y) ~ ^

(Y) = Year-long course

(S) = Semester-long course

~ = Prerequisite required

^ = NCAA course

12th Grade Course Options

Electives

1470 - Reading Strategies 2 (Y) ~
1501 - Speech and Debate (S)
1652 - AP Seminar (Y)
1701 - Film Studies (S)
2340 - U.S. Law and Society (S) ^
2355 - Women in American History (S) ~
2401 - AP Human Geography (Y) ^
2410 - Contemporary Issues (S/Y) ^
2430 - General Psychology (Y) ^
2431 - AP Psychology (Y) ~ ^
2450 - Sociology (S) ^
2495 - AP Comparative Government & Politics/ International Relations (Y)
2605 - AP World History (Y) ~ ^
8600 - STUCO (Y) ~
9014 - Lead for Life (Y)
9515 - LEAP Innovators and Investigators (S/Y) ~

English

1420 - English 4 Career & Technical Communication (S1)
1421 - English 4 - Nonfiction Survey (S1) ^
1422 - English 4 - Creative Writing (S1) ^
1425 - English 4 - Literary Genres - Monster Literature (S2) ^
1426 - English 4 - Literary Genres - Science Fiction (S2) ^
1427 - English 4 - Literary Genres - True Crime (S2) ^
1428 - English 4 - Literary Genres - Pop Literature (S2) ^
1412 - College Composition 1 (S1) ^
1414 - College Composition 2 (S2) ~ ^
1441 - AP English Language (Y) ~ ^
1442 - AP English Literature (Y) ~ ^
1653 - AP Research (Y) ~ ^

English Language Development: Teacher Placement

1603 - ELD Study Skills (Y) ~
1611 - ELD Beginning (Y) ~
1616 - ELD Intermediate (Y) ~
1615 - ELD Advanced (Y) ~
1618 - ELD World History (Y) ~
1612 - ELD Government (Y) ~
1613 - ELD U.S. History (Y) ~
1619 - ELD Biology (Y) ~
1609 - ELD Reading Strategies (Y) ~

Fine Arts: Electives

1360 - Introduction to Philosophy (S)
2461 - Humanities (S/Y) ^

Fine Arts: Music

6350 - Mixed Choir (S/Y)
6370 - A Cappella Choir (Y) ~
6390 - Concert Treble Choir (Y) ~
6419 - Limelight Show Choir (Y) ~
6420 - Mads Show Choir (Y) ~
6445 - AP Music Theory (Y)
6530 - Music Tech 1 (S1)
6531 - Music Tech 2 (S2) ~
6560 - Chamber Orchestra (Y) ~
6564 - Symphony Orchestra (Y) ~
6580 - Jazz Ensemble (Y) ~
6630 - Marching Band (S1) ~
6631 - Color Guard (S1) ~
6632 - Learning Lab and Band (S1) ~
6602 - Symphonic Band (S2) ~
6604 - Concert Band (S2) ~
6690 - Percussion (S2) ~

Fine Arts: Performing Arts

1540 - Theatre Survey (S)
1545 - Acting for the Camera (S)
1560 - Basic Acting (S)
1563 - Advanced Theatre (S) ~
1565 - Theatre Production (S) ~

Fine Arts: Visual Arts

6200 - Art and Design (Y)
6245 - Studio Art 1 (S1) ~
6246 - Studio Art 2 (S2) ~
6247 - Studio Art 3 (S1) ~
6248 - Studio Art 4 (S2) ~
6253 - Fibers and Crafts 1 (S) ~
6254 - Fibers and Crafts 2 (S) ~
6273 - AP Drawing (Y) ~
6270 - AP 2-D Art (Y) ~
6272 - AP 3-D Art (Y) ~
6274 - AP Art History (Y) ~ (St. Louis Virtual Campus)
6275 - Ceramics 1 (S) ~
6276 - Ceramics 2 (S) ~
6290 - Digital Art (S) ~

Learning Lab

9000 - Learning Lab (No Credit) (S/Y)
9003 - Gifted Learning Lab (No Credit) (S/Y) ~
9007 - Advanced Mathematics Learning Lab (No Credit) (S/Y) ~
9012 - Link Crew Learning Lab (No Credit) (S/Y) ~
9090 - Writing Center (No Credit) (S/Y) ~

Mathematics

3205 - Geometry (Y) ~ ^
3250 - Geometry College Prep (Y) ~ ^
3302 - Algebra 2 (Y) ~ ^
3305 - Algebra 2 College Prep (Y) ~ ^
3351 - AP Pre-Calculus (Y) ~ ^
3400 - Pre-Calculus Algebra/Trig (Y) ~ ^
3410 - Algebra 3 (Y) ~ ^
3443 - AP Calculus AB (Y) ~ ^
3441 - AP Calculus BC (Y) ~ ^
3511 - AP Statistics (Y) ~ ^
3516 - Applications of Mathematics (Y) ~ ^
3442 - Survey of Calculus (Y) ~
3447 - Calculus 3 Honors (Y) ~ ^
3448 - Differential Equations (Y) (St. Louis Virtual Campus) (Y) ~ ^

Personal Finance

5130 - Personal Financial Management (S)

Physical Education and Health

8323 - Health and Family Education (S)
8105 - Lifetime Fitness (S) ~
8110 - Team and Individual Sports (S) ~
8115 - Outdoor Adventures (S) ~
8215 - Buddies in Motion (S) ~
8300 - Dance and Fitness Concepts (S) ~
8330 - Basic Weight Training (S) ~
8340 - Advanced Strength and Conditioning (S) ~
8350 - Female Fitness (S) ~

Practical Arts: Aviation

5860 - Aviation 1 (S)
5861 - Aviation 2 (S) ~

Practical Arts: Business

5100 - Internship (Y) ~
5270 - Graphic Design in Advertising (S)
5310 - Business Personal Law (S)
5290 - Intro to Business (S)
5380 - Microsoft Office 1 (S)
5385 - Sports and Entertainment Marketing (S)
5400 - Accounting 1 (Y)
5405 - Accounting 2 (Y) ~
5410 - Start Your Own Business (S)
5459 - Marketing Basics (S)
5461 - Advanced Marketing (Y) ~
5463 - Social Media and Digital Marketing (S)
5470 - International Business and Marketing (S)
5479 - College Business Management (Y)
5490 - AP Economics (Y)

Practical Arts: Computer Science

3451 - Intro to Programming (S1) ~
3452 - Advanced Programming (S2) ~
3457 - IT Innovations (S)
3490 - AP Computer Science A (Y) ~
3495 - Web Design 1 (S1) ~
3496 - Web Design 2 (S1) ~
3455 - Cybersecurity (Y)
3500 - AP Computer Science Principles (Y)

Practical Arts: Driver Education

5850 - Driver Ed 1 (S)

Practical Arts: EMT Certification Program

5578 - EMT Certification Program (Y)
9001 - Learning Lab-EMT (Y)

Practical Arts: Engineering Technology

5505 - Technology Help Desk (Y) ~
5510 - Product Manufacturing and Construction (Y)
5553 - A+ Certification (Y) ~
5530 - Network+/Server+ Certification (Y) ~

Practical Arts: Family and Consumer Sciences

5690 - Foods 1 (S)
5700 - Foods 2 (S) ~
5715 - International Cuisine (S) ~
5718 - Baking and Pastry (S) ~
5745 - Introduction to Sewing (S)
5755 - Sewing 2 (S) ~
5770 - Child Development 1 (S)
5775 - Child Development 2 (S) ~
5778 - Cadet Teaching (Y) ~
5785 - Fashion and Interior Design (S)
5790 - Relationships (S)

Practical Arts: Journalism

1340 - Yearbook (Y) ~
1350 - Pilot Newspaper (Y) ~
1510 - Intro to Broadcast (S)
1512 - Introduction to Journalism (S)
1516 - Sports Broadcast (Y) ~

Practical Arts: PLTW Engineering

5560 - Introduction to Engineering Design (Y)
5561 - Principles of Engineering (Y) ~
5562 - Civil Engineering and Architecture (Y)
5565 - Digital Electronics (Y)
5567 - Engineering Design and Development (Y) ~

Practical Arts: South Tech

5640 PM Tech (Y) ~
5641 PM Tech (Y) ~
5642 PM Tech (Y) ~

Science

4122 - Plant Sciences (S2) ~
4224 - AP Biology (Y) ~ ^
4240 - Zoology (S1) ~
4270 - Human Anatomy and Physiology (Y) ~ ^
4290 - Environmental Science (Y) ~ ^
4295 - AP Environmental Science (Y) ~ ^
4300 - Chemistry (Y) ~ ^
4324 - AP Chemistry (Y) ~ ^
4400 - Physics (Y) ~ ^
4402 - AP Physics 1 (Y) ~ ^
4403 - AP Physics 2 (Y) ~ ^
4405 - AP Physics C: Mechanics (Y) ~ ^
4407 - AP Physics C: Electricity and Magnetism (St. Louis Virtual Campus) (S) ~ ^
4410 - Meteorology (S) ~
4120 - Earth Science (Y) ~
4418 - Astronomy (S) ~ ^
5572 - Human Body Systems (Y) ~
5574 - Medical Interventions (Y) ~
5576 - Biomedical Innovation (Y) ~

World Language

7210 - French 1 (Y) ^
7220 - French 2 (Y) ~ ^
7222 - French 2 Honors (Y) ~ ^
7230 - French 3 (Y) ~ ^
7232 - French 3 Honors (Y) ~ ^
7241 - French 4 (Y) ~ ^
7242 - French 4 Honors/1818 (Y) ~ ^
7251 - AP/1818 French 5 (Y) ~ ^
7260 - French 5 (Y) ~ ^
7510 - Spanish 1 (Y) ^
7520 - Spanish 2 (Y) ~ ^
7522 - Spanish 2 Honors (Y) ~ ^
7530 - Spanish 3 (Y) ~ ^
7532 - Spanish 3 Honors (Y) ~ ^
7541 - Spanish 4 (Y) ~ ^
7542 - Spanish 4 Honors/1818 (Y) ~ ^
7551 - Spanish 5 (Y) ~ ^
7553 - AP/1818 Spanish 5 (Y) ~ ^
7610 - German 1 (Y) ^
7620 - German 2 (Y) ~ ^
7622 - German 2 Honors (Y) ~ ^
7630 - German 3 (Y) ~ ^
7632 - German 3 Honors (Y) ~ ^
7641 - German 4 (Y) ~ ^
7642 - German 4 Honors/1818 (Y) ~
7651 - German 5 (Y) ~ ^
7652 - AP/1818 German 5 (Y) ~ ^
7710 - Chinese 1 (St. Louis Virtual Campus) (Y) ^
7720 - Chinese 2 (St. Louis Virtual Campus) (Y) ~ ^
7110 - American Sign Language 1 (St. Louis Virtual Campus) (Y) ^
7120 - American Sign Language 2 (St. Louis Virtual Campus) (Y) ~ ^

(Y) = Year-long course

(S) = Semester-long course

~ = Prerequisite required

^ = NCAA course

SSD COURSE OPTIONS

1101 - English 1 CT
9601 - Modified English 1
1201 - English 2 CT
9603 - Modified English 2
1301 - English 3 CT
9606 - Modified English 3
1431 - English 4 CT (Career & Technical Writing) - sem 1
1432 - English 4 CT (Science Fiction) - sem 2
9611 - Modified English 4
9617 - Wilson Reading
9602 - Reading & Writing Workshop 1
9602 - Reading & Writing Workshop 2
9620 - Reading Lab
9621 - Writing Lab

2201 - World History CT
9814 - Modified World History
2501 - Government CT
9812 - Modified U.S. Government
2221 - US History CT
9810 - Modified U.S. History

9800 - Math for Life
3111 - Algebra 1A CT
3121 - Algebra 1B CT
3206 - Geometry CT

4207 - Biology A CT
9703 - Modified Biology A
4211 - Biology B CT
9704 - Modified Biology B
4291 - Environmental Science CT
9705 - Modified Earth Science

9755 - Modified Personal Finance
8324 - Health CT

9050 - Human Relations

9047 - Strategies for Success

9791 - Daily Living (1st hour)
9792 - Daily Living (2nd hour)
9793 - Daily Living (3rd hour)
9794 - Daily Living (4th hour)
9795 - Daily Living (5th hour)
9796 - Daily Living (6th hour)
9797 - Daily Living (7th hour)

9880, 9881, 9882 - Work Program/Mod Comm Studies (3 periods)
9875, 9876, 9877, 9878 - Mod Comm Studies 2 (4 periods)

9870 - COOP (1 credit)
9871 - COOP (2 credits)

ENGLISH

SUGGESTED PATHS OF STUDY

9th Grade: English 1 or English 1 Honors

10th Grade: English 2, English 2 Honors, AP Seminar/English 2 Honors

11th Grade: English 3, English 3 PBL, AP English Literature or AP English Language

12th Grade: English 4 (Semester 1 options, Semester 2 options), College Composition 1 and 2, AP English Language, AP English Literature or AP Research

ENGLISH ELECTIVES

AP Seminar (Grades 11-12)

Film Studies (Grades 11-12)

Introduction to Philosophy (Grades 11-12)

Speech and Debate (Grades 9-12)

Pathways to Literacy (Grade 9)

Reading Strategies 1 (Grades 10-11)

Reading Strategies 2 (Grades 11-12)

ENGLISH

REQUIRED

1100 - ENGLISH 1 (9; 1 credit)

English 1 is a survey course in literature and writing. Students will study a variety of genres including short stories, novels, poetry, drama, and non-fiction. Students will develop a strong foundation in writing through practice in paragraph, essay, and research writing, with additional focus on grammar and vocabulary. Students will also experience the value of learning from and with one another in the classroom setting through participation in the form of class discussion and group projects.

1102 - ENGLISH 1 HONORS (9; 1 credit)

Students in this honors English course are introduced to the fundamentals used for in-depth study of major literary works and a comprehensive approach to written and oral literary analysis. Major assignments include the writing of literary analysis essays and commentaries as well as oral and visual presentations. Grammar, usage mechanics, and sentence writing skills will be integrated with each writing assignment. Close reading and analysis of both literature and nonfiction will enable students to respond to complex literature with sophistication.

1200 - ENGLISH 2 (10; 1 credit; English 1)

This course contains writing from authors around the world and literature about each of the seven continents. Students will read, analyze, and evaluate works, literary devices, techniques, and structural elements. Discussion will emphasize the relationship between literature and culture. In conjunction with texts from around the globe, students will read letters, speeches, articles, plays, poetry, a work of young-adult fiction (from a list), and one whole-class English novel. In addition, students will formulate and support a thesis and apply elements of formal essay structure. The intent is to refine and improve writing through the use of stylistic techniques and organizational structures. Each quarter covers a variety of genres and themes, including short stories, poetry, drama, research, and rhetorical techniques, with corresponding writing, reading, and technological assignments.

1202 - ENGLISH 2 HONORS (10; 1 credit; English 1)

English 2 Honors continues the sophisticated study of English Language Arts skills introduced in English 1 Honors. Units focus on the critical reading of short fiction, poetry, novels, and drama; argumentation; the hero archetype; and research. Texts come from the British and classical Greek literary canons. Major writing assignments include narrative, literary analysis, and a research paper. In addition, students participate frequently in class discussions, use various media in creating presentations, and study grammatical structures through a sentence-composing approach. English 2 Honors prepares students for the rigor and complexity of IB and AP English.

1651 - AP SEMINAR/ENGLISH 2 HONORS

(10; 1 credit; English 1)

This combined course integrates the AP Seminar curriculum into the English 2 Honors program, offering students a rigorous and interdisciplinary approach to English Language Arts. Students will engage in a sophisticated study of literature, research, and argumentation while developing advanced communication and analytical skills with an emphasis on collaboration and public speaking. The course includes the critical reading of short fiction, poetry, novels, and drama, with texts drawn from a variety of world literature and genres. Units focus on narrative writing, literary analysis, and crafting a research paper. The AP Seminar component introduces students to cross-curricular conversations, emphasizing inquiry-based learning and the evaluation of diverse perspectives. Major assessments align with both English 2 Honors and AP Seminar standards, ensuring preparation for the AP exam in May and advanced coursework in the AP English pathways. This course is ideal for motivated students seeking to deepen their analytical, research, and communication skills and is a required prerequisite for AP Research in the AP Capstone Diploma program.

1300 - ENGLISH 3

(11; 1 credit; English 2)

This rigorous survey course of American Literature will familiarize students with the common themes and ideas that have developed throughout the literature of the United States through the study of main thematic movements from colonial America to present day. Emphasis is placed on an understanding of major American works and their authors, including an appreciation of multicultural literature, and continued development of reading comprehension for author's purpose, analysis of common literary and rhetorical devices, vocabulary, mechanics, written expression, and oral communication skills. Major assessments include analytical and creative essays, research writing, and presentations. There will also be a focus on test-taking skills to prepare students for the ACT.

1305 - ENGLISH 3 PBL

(11; 1 credit; English 2)

This Project Based Learning (PBL) is a highly collaborative course that promotes the study of English topics, and their connection to the real world. This course will allow students to hone their critical thinking and problem solving skills through a process that emphasizes reflection and revision. Students will learn to write effectively for creative, analytical, and expository purposes, and students will examine, analyze and evaluate literary elements used by authors, playwrights, filmmakers, artists, etc. In addition to these reading and writing skills, students will be given the opportunity to partake in a variety of speaking and listening activities. This course highlights student choice in the learning process: choice in assignment type; choice in assessment type; and most importantly, choice in the revision process. As this course is intended for 11th graders, it will also prepare students for the English and Reading portion of the ACT.

ENGLISH 4 OPTIONS (12; .5 credit): Students must choose 1 first semester option and 1 second semester option to fulfill graduation requirements.

First Semester Only

1420 - ENGLISH 4--Career & Technical Communication (1st semester)

Students in the English 4 Career and Technical Communication course will build on knowledge and skills learned in previous writing courses and focus on the development of writing techniques required in a professional setting. Students will learn the principles and procedures of technical writing; analyzing audience and purpose, organizing information, designing graphic aids, and writing specialized forms such as résumés, memos, summaries, instructions, and research reports. This course will dedicate focused time to revision, peer feedback and discussion, and the teaching of grammar for accuracy and clarity. Students will produce a number of polished technical pieces and a culminating multimedia presentation. **This class is not an approved class by the NCAA Clearinghouse. Students that are planning to play an NCAA sport post high school should NOT take this course.**

1421 - ENGLISH 4--Nonfiction Survey (1st semester)

This college-prep course will help students develop both college- and career-ready skills in the areas of critical reading, composition, critical thinking, and speaking/listening. Students will examine a variety of nonfiction texts and media, as well as composition skills in areas of personal, expository, reflective, and synthesis writing. Students will read one full-length memoir in the first quarter, and one full-length creative nonfiction text in the second quarter, and will write a memoir essay (that can be used for college applications if needed) and a research-based, synthesis argument essay, and engage in informal and formal presentations of their learning.

1422 - ENGLISH 4--Creative Writing (1st semester)

Students will explore different forms and techniques of literature by reading and discussing the works of various authors, by practicing and writing their own work, and by work-shopping and critiquing the writing they will generate in this class. To grapple with their own creative process, students will learn terms with which to discuss literary works, organizational methods, and techniques & exercises to spark their imagination & creativity. Through analysis, presentation, and critique of published and peer-generated work, students will advance their understanding of the many forms, styles, and elements of writing, will strengthen their own writing through practice, and will broaden their understanding of literature and various modes of literary writing. Upon successful completion of this course, students will be able to create original literary pieces, and will be able to critique authors' choices in published and peer-generated work.

1412- COLLEGE COMPOSITION 1 (12; .5 credit) (1st semester)

College Composition 1 is designed to meet the writing needs of a wide variety of students in the areas of narrative, expository, persuasive & reflective writing. This fall-semester course will focus on the elements of clear writing, well-organized expository essays, analytical reading of narrative, nonfiction, and media texts, and, when necessary, a review of the principles of grammar. Students will draft, critique, and revise 4 essays throughout the semester, varying in length from 3 to 5 pages each. While the course focuses on writing and critical thinking hand-in-hand, and it is both writing instruction and "writing intensive," students will also develop reading, discussion, and presentation skills with various nonfiction and literary texts. Seniors may take College Composition 1 and 2 to meet their English 4 requirements.

Students taking this course may be eligible to receive dual credit through St. Louis Community College. Students must meet all college entrance requirements and pay all fees associated with dual credit.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

Second Semester Only

1425 - ENGLISH 4--Literary Genres--Monster Literature (2nd semester) This course will study the role and symbolism of monsters in various literary and media texts. In addition to examining traditional literary and genre elements, we will study the ways that monsters function as symbols of divergence from social & cultural norms, manifestations of individual and cultural anxieties/fears, and most importantly, as mirrors of ourselves. The course will examine one full-length work together, and will culminate in a Capstone Project in which students will demonstrate and apply their learning from the year through the genre and research.

1426 - ENGLISH 4--Literary Genres--Science Fiction (2nd semester) This course seeks to increase student understanding of the literary genre known as Science Fiction. Students will study short stories, novels, film, and television that focus on depicting our future world. The course will guide students through common Sci-Fi topics such as dystopia vs. utopia, artificial intelligence, current theory concerning technology, cloning and physical science, human psychology in a futuristic environment, extraterrestrial life, etc. Most importantly, students will come to understand how such literature comments on current issues in society and presents new, visionary ideas to the public. The course will examine one common full-length work, and will culminate in a Capstone Project in which students will demonstrate their learning from the year by applying research to a chosen piece of Sci-Fi media.

1427 - ENGLISH 4--Literary Genres--True Crime (2nd semester) In this course students will study the history, genre conventions, and contemporary issues present in true crime using literary and media texts. Students will explore and evaluate the role true crime has played in American culture from colonial times through the present day. Students will consider the presentation of true crime in written, visual, and audio formats and utilize these different modes of presentation to reflect their learning. Students will read one full-length true crime work of their choosing and use it as the basis for their Capstone Project in which they demonstrate their learning from the year through the genre and research.

1428 - ENGLISH 4--Literary Genres--Pop Literature (2nd semester) Pop Literature will study various works from the last 20 years. In this course, students will understand how literature reflects cultural attitudes and values through the literary elements that make up an author's craft. Through close reading, discussion, and writing students will examine and analyze recurring themes that reveal essential insights about our modern era. Students will first learn foundational concepts by studying a text together in preparation for a culminating Capstone Project in which students will demonstrate and apply their learning from the year through the genre and research.

1414 - COLLEGE COMPOSITION 2 (12; .5 credit; College Comp 1) (2nd semester)

College Composition 2 builds on the knowledge and skills learned in College Comp 1 and primarily focuses on argumentative and persuasive writing techniques. Students will develop effective writing processes, writing styles, research abilities, analytical skills, and argumentative tools. This course strengthens students' writing abilities while focusing on the rhetorical aspects of persuasion, argumentation, and criticism for a variety of audiences and purposes. Students are required to do substantial research and place their viewpoints in a larger cultural, political, and ethical context. The course reinforces synthesizing written sources and information gathering while refining each student's process of writing. Students will draft, critique, and revise 4 essays throughout the semester, varying in length from 3 to 5 pages each. Students will understand the complexities of argumentative and persuasive discourse while learning fundamental skills for analyzing data, opinions, preferences, inferences, and logical fallacies. The course focuses on writing and critical thinking hand-in-hand, and it is both writing instruction and "writing intensive." Seniors may take College Composition 1 and 2 to meet their English 4 requirements.

Students taking this course may be eligible to receive dual credit through St. Louis Community College, provided they earned a C or better in dual credit for College Composition 1. Students must meet all college entrance requirements and pay all fees associated with dual credit.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

Year-Long Options

1441 - AP ENGLISH LANGUAGE**(11-12; 1 credit; successful completion of previous English classes)**

English Language and Composition provides 11th- & 12th-grade students the opportunity to master college-level reading and writing skills, particularly as they relate to nonfiction and argumentation. Students will analyze and evaluate the rhetorical situations, strategies, and styles of various writers/speakers to improve their own critical reading and thinking skills. While nonfiction texts (e.g., essays, media/journalism, political writing, science writing, nature writing, memoirs/biographies, history, and criticism) are the primary focus, works of fiction occasionally supplement these materials. Students will apply their learning of these elements to produce their own stylistically mature prose. Students write a variety of essays similar to the rhetorical modes being studied: narrative, analytical, synthesis, and argumentative. Upon completion of the course, students are expected to take the AP English Language Exam, which can earn them college credit. Juniors may take AP Language to meet their English 3 requirement or seniors may take AP Language to meet their English 4 requirement.

1442 - AP ENGLISH LITERATURE**(11-12; 1 credit; successful completion of previous English classes)**

This is a literature, discussion, and composition course. After students read classic and modern literature, they will discuss the material and write short or extensive papers on the works. The texts are supplemented by outside readings and critical sections. Seniors may take AP English Literature to meet their English 4 requirement.

1653 - AP RESEARCH

(12; 1.0 credit; AP Seminar)

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. This course will count towards English 4 graduation requirement.

ELECTIVES

1701 - FILM STUDIES

(11-12; .5 credit)

Film, like the printed word, is a powerful means of communication. This course examines how film communicates so students can be more critical of the ideas being presented by this medium. Students will learn to “read” films carefully by exploring film techniques and terms, by discussing movie reviews, writing analyses, critiquing feature films and documentaries, and comparing printed and visual media. Frequent writing and reading assignments are an important part of this course. Good speaking and listening skills are also needed.

1360 - INTRODUCTION TO PHILOSOPHY

(11-12; .5 credit)

What is the best way to live? Are human beings free? What is moral or immoral? What do we know, and how do we know it? This course introduces these and other perplexing questions which philosophers have discussed for centuries. Class discussion is emphasized. Students will read and analyze written selections from a wide range of thinkers, examining how those ideas resemble their own. Philosophy does not provide answers, but it does stimulate critical thinking. This course may count toward the Fine Arts requirement for graduation.

1501 - SPEECH AND DEBATE

(9-12; .5 credit)

During the first half of the semester, students learn to organize, deliver, and evaluate speeches. The foundation is laid for students to be effective communicators. Emphasis will be placed upon clear organization, investigative research of topics, and audience analysis. Speakers will gain poise and improve delivery through voice, posture, gestures, and eye contact. In the second half of the semester, students will be taught the techniques and rules of traditional debate and will be given the opportunity to apply those techniques.

1494 - PATHWAYS TO LITERACY

(9; 1 credit; placement by administration)

Pathways to Literacy offers students a unique opportunity for individualized and small group instruction, tailored to their specific reading needs. An online reading screening measure will be utilized to identify and address specific reading weaknesses. Based on this data, targeted skill development in phonics, decoding, comprehension, vocabulary, and fluency will be incorporated into instruction. Students will engage in a combination of guided mini-lessons and targeted interventions, focusing on key reading skills and providing intensive practice to enhance their reading skills.

1470 - READING STRATEGIES 1

(10-11; 1 credit; placement by administration)

Reading Strategies is designed for those students who feel they need to increase their reading skills and abilities. The course concentrates on increasing reading comprehension, improving work-study skills, increasing vocabulary, developing a flexible reading rate, and increasing word attack skills.

1480 - READING STRATEGIES 2

(11-12; 1 credit; placement by administration)

Reading Strategies is designed for those students who feel they need to increase their reading skills and abilities. The course concentrates on increasing reading comprehension, improving work-study skills, increasing vocabulary, developing a flexible reading rate, and increasing word attack skills.

ENGLISH LANGUAGE DEVELOPMENT

1611 - ELD BEGINNING

(9-12; 1 credit)

This course is a beginning class for no-English and low English proficiency students with a focus on survival English and building prior knowledge. Placement in this class is determined by WAPT/ACCESS scores and EL staff recommendation. This course introduces students to basic structures and vocabulary of the English language through skills of reading, writing, speaking, and listening. It focuses on basic vocabulary, grammar, communication skills, reading, study skills, and American culture.

1616 - ELD INTERMEDIATE

(9-12; 1 credit)

An intermediate class for students that are at an English proficiency of 2.0 - 3.5 WIDA score. Placement in this class is determined by WAPT/ACCESS scores and EL staff recommendation. This course introduces more advanced vocabulary, grammar, communication skills, reading, college readiness, and study skills. Emphasis is placed on improving grade-level reading, writing satisfactory essays, and improving foundations for writing.

1615 - ELD ADVANCED

(9-12; 1 credit)

An advanced class for students that are at an English proficiency of 3.6 + WIDA score. Placement in this class is determined by WAPT/ACCESS scores and EL staff recommendation. This course focuses on Advanced English, bridging curriculum with the regular English class, and college readiness. Emphasis is placed on improving grade level reading, writing satisfactory essays, and improving foundations for writing a formal research paper.

1603 - ELD STUDY SKILLS

(9-12; 1 credit)

This class is designed to help support students in all of their academic courses. In this class students learn various skills such as: studying, organization, note-taking, and test taking strategies.

1618 - ELD WORLD HISTORY

(9-12; 1 credit)

This ELD History course is a yearlong class that is offered every other year and is designed for the student learning English as a second language at the beginning and intermediate levels. It introduces the student to the vocabulary, concepts, and processes of the social, political, economic, technological, and geographic characteristics of world history between 1350 and present day.

1612 - ELD GOVERNMENT

(9-12; 1 credit)

This ELD History course is a yearlong class that is offered every year and is designed for the student learning English as a second language at the beginning and intermediate levels. It introduces the student to the vocabulary, concepts, and processes of political, economic, and legal system of the United States, Missouri, and the St. Louis region. Particular focus is given to the constitutions of the United States and Missouri; it is required by law for students to pass the Constitution tests for graduation from high school.

1613 - ELD U.S. HISTORY**(9-12; 1 credit)**

The ELD US History course is a yearlong class that is offered every year and is designed for the bilingual student learning English as a second language at the beginning and intermediate levels. It introduces the student to the vocabulary, concepts, and processes of the political, economic and social development that have shaped the nation. This course connects events and movements related to themes such as equality, economic, and foreign policy.

1619 - ELD BIOLOGY**(9-12; 1 credit)**

This ELD Biology course is a yearlong class that is offered every year and is designed for the student learning English as a second language at the beginning and intermediate levels. In this class there are units dealing with microbiology, unique properties of living organisms, non-living components of the environment, and evolution. Along with Biology concepts, fundamental science skills will be taught. This course is a prerequisite for all other biological sciences.

1609 - ELD READING STRATEGIES**(9-12; 1 credit)**

ELD Reading Strategies offers English language learner students a one-on-one and small group learning opportunity to improve their reading abilities. The course concentrates on word study, text analysis, and comprehension activities.

FINE ARTS: MUSIC

MUSIC ELECTIVES

AP Music Theory (Grades 10-12)

Mixed Choir (Grades 9-12)

Music Tech 1 (Grades 9-12)

Music Tech 2 (Grades 9-12)

ADMISSION BY AUDITION OR INSTRUCTOR PERMISSION

A Cappella Concert Choir (Grades 9-12)

Concert Treble Choir (Grades 9-12)

Limelight Show Choir (Grades 9-12)

Mads Show Choir (Grades 9-12)

Freshman Orchestra (Grade 9)

Chamber Orchestra (Grades 10-12)

Symphony Orchestra (Grades 10-12)

Freshman Band (Grade 9)

Learning Lab and Band (Grades 10-12)

Marching Band (Grades 9-12)

Color Guard (Grades 9-12)

Concert Band (Grades 10-12)

Symphonic Band (Grades 10-12)

Percussion (Grades 10-12)

Jazz Ensemble (Grades 9-12)

Jazz Lab (Grades 9-12)

MUSIC

ELECTIVES

6445 - AP MUSIC THEORY

(10-12; 1 credit; general knowledge of music fundamentals)

This yearlong course gives students exposure to the analytical systems of music and the historical aspect of Western European and Non-Western cultures of music. The theory course prepares students for composing and analyzing music as they play or arrange composition. Students learn the fundamentals of music and apply them to various styles of music performance. Students will learn to understand music theory through listening, performing, analyzing, and composing. The Literature/History course allows students to study many styles of music. The course will introduce students to different stylistic periods of music, composers, and instruments, and discover how these played a part in the history of music and the arts. This course covers both Western European and Non-Western cultures with specific studies in music and the role played in those societies. This course will prepare students to take the AP exam.

6350 - MIXED CHOIR

(9-12; .5 or 1 credit)

This is a mixed voice performing choir which continues the emphasis on fundamentals with stress on 3-part or more choral literature. Music is performed at a more advanced level from earlier choirs. Attendance is required at performance during the school year. Fundamentals of music are taught along with accepted choral performance practices.

6530 - MUSIC TECH 1

(9-12; .5 credit)

This course will acquaint students with current application of electronic music through the use of the Music Tech lab. Upon completion of the course, students will have a familiarity and a basic working knowledge of piano, composition, computer operation, synthesizers, software, and how they relate to the fields of music performance, commercial music, music education, music composition, the recording industry, and the media.

6531 - MUSIC TECH 2

(9-12; .5 credit; Music Tech 1)

This class is a continuation of Music Tech 1. Through several projects, students will apply their skills in electronic music by creating and editing music scores for music videos, recording live performances, and producing their work. A public performance of class projects may also be presented. Students will research the industry standards for synthesizers, computers, software and sound systems. Off campus visits to a recording studio and music industry sites may also be a part of the course.

ADMISSION BY AUDITION OR INSTRUCTOR PERMISSION

6370 - A CAPPELLA CONCERT CHOIR

(9-12; 1 credit; choral singing experience and ability to read music)

This is a selected choir of balanced mixed voices singing advanced SATB music. Emphasis is on music of all periods and styles. Attendance is required at performances during the school year. Advanced music literacy skills are taught through choral repertoire.

6390 - CONCERT TREBLE CHOIR

(9-12; 1 credit; choral singing experience and ability to read music)

This is a treble voice performing choir which continues the emphasis on fundamentals with stress on SSA or SSAA choral literature. Music fundamental skills will continue to be developed. Attendance is required at performances during the school year.

6419 - LIMELIGHT SHOW CHOIR**(9-12; 1 credit; singing experience and ability to perform choreographed music)**

This ensemble is made of treble voices and performs music from all styles. Singing/dancing performances are required throughout the school year. Music skills must be advanced.

6420 - MADS SHOW CHOIR**(9-12; 1 credit; singing experience and ability to perform choreographed music)**

This ensemble is made of balanced mixed SATB voices and performs music from all styles. Music skills must be advanced.

6562- FRESHMAN ORCHESTRA**(9; 1 credit; previous orchestra experience)**

This year-long course is an introduction to high school orchestra for all freshmen students with 3 or more years prior experience on a string instrument (violin, viola, cello, or double bass). This ensemble provides the foundation for the LHS Orchestra Program as students refine their technique and musicianship in preparation for more difficult repertoire. Through the study of orchestral literature, students will learn the nuances of cultural and historical context as well as a variety of performance styles. The course will consist of several concerts per year, and participation in the State Large Ensemble Festival, our annual evaluative performance. Additional opportunities include participation in Strolling Strings, All-Suburban and All-State Honor Orchestras, and the Solo & Ensemble Festival.

6560 - CHAMBER ORCHESTRA**(10-12; 1 credit; previous orchestra experience)**

This course serves as the intermediate high school orchestra ensemble. The curriculum builds on established techniques and ensemble skills while challenging students with inspiring musical selections. Students will have the opportunity to develop more advanced skills that will prepare them for a future Symphony audition, but will also appropriately challenge those who select Chamber as their final ensemble. The course will consist of several concerts per year, and participation in the State large Ensemble Festival, our annual evaluative performance. Additional opportunities include participation in Strolling Strings, All-Suburban and All-State Honor Orchestras, and the Solo & Ensemble Festival.

6564 - SYMPHONY ORCHESTRA**(10-12; 1 credit; enrollment based on live audition)**

This course represents the most advanced ensemble of the Lindbergh Schools Strings Program. Students will study challenging original pieces of orchestral literature ranging from baroque to contemporary. Private lessons are strongly encouraged, but not required, for students wishing to take this course. High-level techniques will be used on a regular basis. The course will consist of several concerts per year, and participation in the State Large Ensemble Festival, our annual evaluative performance. Students in this ensemble are strongly encouraged to participate in additional opportunities such as All-Suburban, All-State, Strolling Strings, and Solo & Ensemble Festival.

6516 - FRESHMAN BAND**(9; Full Year; 1 credit; previous band experience)**

This course is offered for Freshman Band members who do not wish to participate in Marching Band. Freshman band is designed to further develop the student's individual and ensemble technical skills and proficiencies. Through the performance and study of band literature, students will learn history, aesthetics, technical skills and criticism and analysis. Several concerts, performances, and festivals held outside the school day are requirements of this ensemble. Students will also be encouraged to participate in solo and small ensemble festival and audition for honor groups approved by the Missouri State High School Activities Association. Students must be enrolled in this class for the full school year.

6632 - LEARNING LAB AND BAND**(10-12; Semester 1; .25 credit; previous band experience)**

This class is offered for band members who do not wish to participate in Marching Band. During the Marching Band season, the class meets as a learning lab. At the conclusion of the Marching Band season, students will join the appropriate band as determined by their audition.

6630 - MARCHING BAND

(9-12; Semester 1; .75 credit; must meet prerequisite)

The Spirit of St. Louis Marching Band provides the musical entertainment at all home varsity football games. The Band also requires participation in several competitions and performances throughout the fall. Band members will learn and execute the fundamentals of music and marching performance through the preparation of its fall show. A pre-season band camp will begin in late July. During the fall season, daily zero-hour and one evening practice are required for all band members. At the conclusion of the marching season, 10-12 students will join the appropriate band as determined by their audition; ninth grade students will enter freshman band (6625).

To remain eligible, student must take a full year of band and receive higher than an "I" in effort during the previous school year.

6631 - COLOR GUARD

(9-12; Semester 1; .75 credit; must meet prerequisite)

Students enrolled in Color Guard will rehearse and perform with the Marching Band. All rehearsals, summer camps, festivals, and performances related to Marching Band apply to this class. Members of the Color Guard must attend additional rehearsals as they relate to their unique role in the band.

6625 - FRESHMAN BAND

(9; Semester 2; .5 credit; previous band experience)

Freshman band is designed to further develop the student's individual and ensemble technical skills and proficiencies. Through the performance and study of band literature, students will learn history, aesthetics, technical skills and criticism and analysis. Several concerts, performances, and festivals held outside the school day are requirements of this ensemble. Students will also be encouraged to participate in solo and small ensemble festival and audition for honor groups approved by the Missouri State High School Activities Association.

6604 - CONCERT BAND

(10-12; Semester 2; .5 credit; previous band experience)

Those selected will be exposed to a medium, medium-advanced level of classic and contemporary band literature as well as a greater continued emphasis on the fundamentals of wind and percussion performance. Several concerts, performances, and festivals held outside of the school day are requirements of persons admitted to this ensemble. Students will also be encouraged to participate in solo and small ensemble festival and audition for honor groups approved by the Missouri State High School Activities Association.

6602 - SYMPHONIC BAND

(10-12; Semester 2; .5 credit; previous band experience)

Those selected will be exposed to an advanced level of classic and contemporary band literature as well as a greater continued emphasis on the fundamentals of wind and percussion performance. Several concerts, performances, and festivals held outside of the school day are requirements of persons admitted to this ensemble. Students will also be encouraged to participate in pep band, solo, and small ensemble festival, and audition for honor groups approved by the Missouri State High School Activities Association.

6690 - PERCUSSION

(10-12; Semester 2; .5 credit; previous band experience, auditions in February)

This group serves as the percussion section of the Concert Band, and meets second semester only. It meets during a different hour than Concert Band due to equipment, staffing and rehearsal space issues. This class is the first tier of percussion study at the high school level, and will expose students to a continuation of percussion studies learned. Percussionists who are not selected for Symphonic Band will be placed in Concert Band Percussion Class by default. This course exposes students to medium to advance percussion and band literature and fundamentals. Several performances held outside the school day and occasional rehearsals are required.

6580 - JAZZ ENSEMBLE

(9-12; 1 credit; prior band experience, proficient in reading music, auditions in January)

The Jazz Ensemble explores modern, as well as traditional "Big Band" jazz styles and literature. Students are exposed to modern notation and encouraged to study methods of improvisation. The band offers several concerts and performs for social and civic organizations.

JAZZ LAB

(9-12; Semester 2; .5 credit; prior band experience, proficient in reading music, auditions in September)

Jazz Lab is a developmental ensemble where students can learn about jazz and its various forms, whether traditional or contemporary. Students are also exposed to improvisation concepts at the beginning stage. Jazz Lab is open to all students, but is limited to standard jazz instrumentation. (Trumpet, trombone, saxophone, piano, drum-set, mallets, bass guitar, electric guitar) This class meets daily during zero-hour beginning in early November.

FINE ARTS: PERFORMING ARTS

PERFORMING ARTS ELECTIVES

Theatre Survey (Grades 9-12)

Acting for the Camera (Grades 9-12)

Basic Acting (Grades 9-12)

Advanced Theatre (Grades 10-12)

Theatre Production (Grades 10-12)

PERFORMING ARTS

ELECTIVES

1540 - THEATRE SURVEY

(9-12; .5 credit)

This introductory course offers a comprehensive overview of all areas of theatre, including acting, design, and production, while fostering an appreciation for the art form. Students will participate in acting exercises, theatre games, and improvisation, as well as explore design elements such as set, lighting, sound, costume/makeup, and prop creation. The curriculum also covers theatre history, stage movement, production roles, and various acting techniques. The semester culminates in students forming production teams to create and present an original play, showcasing their technical and creative abilities.

1545 - ACTING FOR THE CAMERA

(9-12; .5 credit)

This introductory course will teach students performance in the main areas of commercials, television shows, films & broadcasting. Students will learn how to prepare for all areas, as well as audition for each. Students will also be responsible for filming each other when not performing themselves. Lastly, they will edit their own demo reel from their recorded performances, which can be used for camera auditions in real life.

1560 - BASIC ACTING

(9-12; .5 credit)

This introductory course will teach students basic acting techniques. During scene work, acting skills will be developed through emphasis on script and character analysis, movement, sense memory techniques, and acting intentions. Students will be introduced to the teachings of Stanislavsky as well as other theatre theorists.

1563 - ADVANCED THEATRE

(10-12; .5 credit; Basic Acting, Theatre Survey or Acting for the Camera or permission from Ms. Stimac)

This course offers students the opportunity to refine their theatrical skills through hands-on, collaborative projects and the exploration of advanced concepts, including stage combat, swordplay, Stanislavski's acting theories, audition preparation, & theatre styles, such as Children's Theatre and Theatre for Social Change. Students will also examine how to apply their theatre skills in both performance and educational settings, using the art form to communicate meaningful messages and promote understanding across diverse communities.

1565 - THEATRE PRODUCTION

(10-12; .5 credit; Basic Acting, Theatre Survey or Acting for the Camera or permission from Ms. Stimac)

Theatre Productions is a semester-long course designed for high school students interested in hands-on theatrical production and directing. Students will collaborate in the complete process of producing a one-act play, from script selection and character development to technical design and performance. The course emphasizes teamwork, creativity, and critical thinking as students engage with various aspects of theatre, including acting, directing, stage management, and technical production.

FINE ARTS: VISUAL ARTS

VISUAL ARTS PREREQUISITE

Art and Design (Grades 9-12)

VISUAL ARTS ELECTIVES

Ceramics 1 (Grades 10-12)

Ceramics 2 (Grades 10-12)

Fibers and Crafts 1 (Grades 10-12)

Fibers and Crafts 2 (Grades 10-12)

Digital Art (Grades 10-12)

Studio Art 1 (Grades 10-12)

Studio Art 2 (Grades 10-12)

Studio Art 3 (Grades 10-12)

Studio Art 4 (Grades 10-12)

AP Drawing (Grades 11-12)

AP 2-D Art (Grades 11-12)

AP 3-D Art (Grades 11-12)

AP Art History (St. Louis Virtual Campus)

VISUAL ARTS

PREREQUISITES

6200 - ART AND DESIGN

(9-12; 1 credit)

Students will develop an understanding of visual art processes and design strategies. Art projects (drawing, painting, printmaking, ceramics, and sculpture) will support **problem-solving, critical thinking, perseverance, and time management** through the artistic process while introducing the novice art student to a variety of media and applicable techniques. By working through challenges and deadlines, students will strengthen their ability to manage time effectively and persist through difficulties, all while enhancing their creativity and technical skills.

Students have the potential to bypass Art and Design and take Studio 1 and 2 by completing the proficiency application. Please contact the department chair for details.

ELECTIVES

6275 - CERAMICS 1

(10-12; .5 credit; Art and Design or Studio Art 2)

Students will learn the fundamental techniques of creating pottery using hand-built methods. Firing and glazing will be explored as well as terminology and the equipment used in the creation of ceramic forms. An emphasis on craftsmanship and design will be stressed with each project. Maintaining the studio will be part of the class expectations.

6276 - CERAMICS 2

(10-12; .5 credit; Ceramics 1)

Students will expand on Ceramics 1 skills as more sophisticated designs are introduced. Students will have the option to use a potter's wheel; however, the main emphasis will continue to be the hand-built method of construction. Emphasis will be placed on craftsmanship and design with an increase in expectations as the class progresses. Maintaining the studio will be part of the class expectations.

6253 - FIBERS and CRAFTS 1

(10-12; .5 credit; Art and Design or Studio Art 2)

This course introduces the properties and performance of textile materials and provides a general overview of the textile industry from a visual art perspective. Possible projects include weaving, surface design, knitting, embroidery, basketry, bookmaking or hand papermaking, batik, printmaking, and dyeing. Focus is on materials used in functional artwork and visual arts methods. Students will need to be able to independently work to solve problems and maintain a high level of craftsmanship.

6254 - FIBERS and CRAFTS 2

(10-12; .5 credit; Crafts 1, Art and Design)

Students will utilize problem solving skills to develop individuality in each lesson. Project requirements, techniques, and use of tools will be advanced in comparison to Fibers and Crafts 1. Copper and silver jewelry construction will be introduced. An emphasis on safe and proper use of tools will be emphasized.

6290 - DIGITAL ART

(10-12; .5 credit; Art and Design or Studio Art 2)

Students will explore Adobe Photoshop as a drawing and editing tool and Adobe Illustrator as a design tool. Illustration will be emphasized in both. Students will be introduced to Digital Editing, Design, and Digital Painting as students create original artwork and illustrations in a digital platform. Graphics as a communication format will be investigated through an aesthetic conscious lens. Elements & Principles of Design will be emphasized throughout the course via projects and critiques.

6245 - STUDIO ART 1

(10-12; Semester 1; .5 credit, Art and Design or proficiency application)

Studio Art 1 builds on the basic concepts covered in Art and Design. The students will be introduced to the use of advanced fine art mediums; graphite, charcoal, colored pencil, oil pastel, acrylics, and scratchboard. Graphic design concepts will be covered; in addition, techniques that improve direct observation drawing skills will be the focus of the course, including Still Life and Gesture Drawing.

6246 - STUDIO ART 2

(10-12; Semester 2; .5 credit; Studio Art 1)

Studio Art 2 will focus on drawing and painting from direct observation. Students will be introduced to printmaking, oil pastels, and acrylic painting techniques. Design concepts will be explored as well.

6247 - STUDIO ART 3

(10-12; Semester 1; .5 credit; Studio Art 2)

Studio Art 3 emphasizes a variety of exercises, techniques and materials to refine advanced studio skills. Attention will be placed on; working from observation, adding content, understanding how to convey meaning in artwork and the ability to individualize style while investigating non-traditional mediums. Students will compile a digital portfolio.

6248 - STUDIO ART 4

(10-12; Semester 2; .5 credit; Studio Art 3)

Studio Art 4 emphasizes a variety of exercises, techniques and materials to refine advanced studio skills. Attention will be placed on; working from observation, adding content, and the ability to individualize style while investigating non-traditional mediums. Emphasis will be placed on the students ability to develop individual ideas while creating a dynamic image. Students will compile a digital portfolio.

6273 - AP DRAWING

(11-12; 1 credit; Studio Art 4)

Students will develop skills in drawing as they experiment with different materials and processes. Students will create a cohesive body of work using their preferred style and medium of choice that reflects their own ideas and skills. Warm up lessons and research will help students to understand the process associated with fine and commercial art careers. Students have the potential to earn college credit. In addition students will create a portfolio that demonstrates the different drawing abilities taught in the course, which include mark-making, line, surface, space, light and shade, and composition that meets The College Board's AP requirements.

6270 - AP 2-D Art

(11-12; 1 credit; Studio Art 4)

Develop your 2-D skills through materials and processes such as graphic design, photography, collage, printmaking, fashion illustration, and others. Students will create a cohesive body of work using their preferred style and medium of choice that reflects their own ideas and skills. Warm up lessons and research will help students to understand the process associated with fine and commercial art careers. Students have the potential to earn college credit. In addition students will create a portfolio that meets The College Board's AP requirements.

6272 - AP 3-D ART

(11-12; 1 credit; Studio Art 4 or ceramics 2 or approval from the Art Department)

AP 3-D Art is designed for the college-bound or career oriented art student. Throughout the course, students will develop an inquiry that guides artmaking through practice, experimentation and revision of materials, processes and ideas while demonstrating 3-D art and design skills through sculpture, ceramics, jewelry, fashion and apparel design, bookmaking, fibers or other media. There may be additional personal costs according to the students personal artistic choices.

6274 - AP ART HISTORY via St. Louis Virtual Campus

(11-12; 1 credit)

The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions, students develop an in-depth, holistic understanding of the history of art from a global perspective. Focus will also be placed on significant historical events, art periods/styles, specific artworks/artists, and issues and themes that connect the artworks. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history. AP Art History is the equivalent of a two-semester introductory college or university art history survey course. The St. Louis Virtual Campus is taught via an asynchronous online format. This course does not qualify for NCAA Eligibility.

GENERAL ELECTIVES

GENERAL ELECTIVES

AP Seminar (Grades 11-12)

AVID 9 (Grade 9)

AVID 10 (Grade 10)

AVID 11 (Grade 11)

LEAP Innovators and Investigators (LII) (Grades 9-12)

LEAD for LIFE (Grades 9-12)

STUCO (Grades 9-12)

Writing Center (Grades 10-12)

GENERAL ELECTIVES

ELECTIVES

1652 - AP SEMINAR (11-12; 1 credit)

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. This course includes multiple group projects and presentations and a willingness to work closely with a team is essential to one's success. Students develop the skills necessary to speak confidently and comfortably in front of a variety of audiences. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students enrolled in the course are expected to take the AP exam in May. This course is required for the AP Capstone Diploma and is a prerequisite AP Research.

9030 - AVID 9 (9; 1 credit)

The AVID elective course is a year-long college and career readiness course that emphasizes the skills and attributes necessary to succeed in rigorous high school coursework. Students will focus on strategies for success in reading, writing, inquiry, collaboration, and organizational skills. The course will also provide academic, social, and emotional support for students to succeed in their other classes. AVID is an application-based program. There is an application process that will take place if you register for this course.

9031 - AVID 10 (10; 1 credit)

During the 10th grade AVID Elective course, students will refine the AVID strategies in reading, writing, inquiry, collaboration, and organizational skills to meet their independent needs and learning styles. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio, participate in collaborative discussions, and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals. AVID is an application-based program. There is an application process that will take place if you register for this course.

**9032 - AVID 11
(11; 1 credit)**

AVID 11 is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic survival skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. The eleventh grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. Each student is required to conduct a research project that is presented in the senior year. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

9014 - LEAD for LIFE - Leadership Experiences and Development for Lindbergh Initiatives for Everyone (9-12; .25 per semester; Prerequisites: application/teacher recommendation)

LEAD for LIFE is a student leadership development and character education elective. This leadership course is designed to give students meaningful opportunities to develop skills such as critical thinking, creativity, collaboration, and communication while promoting our core values of respect, responsibility, and caring for others. These practical skills taught in LEAD for LIFE will apply to both formal and informal leadership opportunities in school and beyond. Our projects will help promote Lindbergh Life, a new initiative that merges social-emotional skills, college/career readiness, and character skills to create the whole child experience. The three main areas of Lindbergh Life include: Creativity and Curiosity, Identity and Agency, and Integrity and Inclusiveness. As a leadership council, we will work to develop our own leadership skills, create PAC lessons, promote school wide events and district level initiatives that help support the development of strong character, interpersonal skills, and emotional intelligence for all students.

9515 - LEAP INNOVATORS AND INVESTIGATORS

(9-12; .5 or 1 credit; LEAP and PEGS students or permission of the instructor)

In LII students will have the opportunity to create their own independent investigations or innovate with a variety of materials in a MakerSpace. While the products will vary depending on student choice and interest, all LII students will develop life-long learning skills, such as goal-setting, problem-solving, resource gathering, collaboration, communication, creativity, and reflection. Students may only take LII for a weighted honors credit for two semesters during their high school career.

8600 - STUDENT COUNCIL

(9-12; .5 credit)

Student Council is made up of representatives chosen from each class to give voice to the student body. Representatives must complete an application, interview, and election. Representatives take student concerns to the admin, plan and implement service projects, foster school spirit, create events for students, and learn leadership skills.

9090 - WRITING CENTER

(10-12; 0 credit; recommendation by previous English instructor)

Prospective LWC tutors should have an "A" in their current regular English class or be enrolled in an honors, or AP English class. Peer tutors meet with fellow LHS students during 50-minute class periods each day to offer assistance on a variety of writing assignments. In 10-15 minute conference sessions, the tutors are asked to help students with the focus, structure, and direction of their papers. Tutors are given flexibility to work on their own assignments during off-peak times and the hours they spend tutoring in the Writing Center can be used for the A+ program.

IMPACT

In [Lindbergh IMPACT](#), students will participate in an innovative learning environment where they explore their passions to connect their individual educational journeys with a personal, local, and global impact. Students will take seminar-style coursework combining multiple disciplines to create a learning environment where students can earn multiple credits within the same course. This is a program for **rising sophomores** and will be application based. Students will earn their English, Social Studies, and Fine Art credit within the program during a block of 3 class periods in the afternoon.

IMPACT

IMPACT English (Grade 10)

IMPACT Government (Grade 10)

IMPACT Art (Grade 10)

1210 - IMPACT ENGLISH
(10; 1 credit; application)

2510 - IMPACT GOVERNMENT
(10; 1 credit; application)

6210 - IMPACT ART
(10; 1 credit; application)

LEARNING LABS

LEARNING LABS

Learning Lab (Grades 9-12)

Gifted Learning Lab (Grades 9-12)

Advanced Mathematics Learning Lab (Grades 9-12)

Link Crew Learning Lab (Grades 11-12)

9000 - LEARNING LAB

(9-12; 0 credit)

Learning labs provide students with a 50 minute class period to complete homework, receive tutoring, conduct library research, and visit the writing center to get assistance. Tutors in all content areas are available during all learning labs. Students do not earn academic credit for participating in a learning lab. Students may choose to take a learning lab for a single semester or for the entire year.

9003 - GIFTED LEARNING LAB

(9-12; 0 credit)

Gifted Learning labs recognize that identified gifted students might require a different kind of learning environment that could change on a daily basis, while also fostering friendships between gifted peers and allowing for relaxation time when needed. This 50 minute lab time provides gifted students with time to complete assignments, receive tutoring *or enrichment* in something they might enjoy, participate in discussions with gifted peers on guided topics, conduct independent research, or visit the writing center or math lab to receive assistance. Moreover, twice a week for short segments, students will *learn about aspects of giftedness* and how these aspects could affect their lives. Students in a Gifted Learning Lab also conference with their Gifted Resource Teacher about their *goals at LHS*, as well as *course selections and college/career readiness*, and develop *effective executive functioning and regulation strategies* for difficult situations. While identified gifted students do not earn academic credit for participating in a learning lab, they may choose to take a learning lab for a single semester or for the entire year.

9007 - ADVANCED MATHEMATICS LEARNING LAB

(9-12; 0 credit; concurrent enrollment in AP Calculus AB, AP Calculus BC, Survey of Calculus, AP Statistics or an approved independent study of Calculus 1, Calculus 2, Calculus 3, Statistics or Differential Equations)

While coursework for non-mathematics courses can be completed during Advanced Math Learning Lab, the primary focus of Advanced Mathematics Learning Lab is to allow time during the day for upper level math students to collaborate with peers and seek additional support from an instructor familiar with the content

.9012 - LINK CREW LEARNING LAB

(11-12; 0 credit)

Link Crew Leaders will create, plan, and start implementing activities to help build relationships with their freshmen and in turn help their freshmen be stronger students. Through completing the above, Link Crew Leaders will develop leadership and organizational skills. This core group of Link Crew Leaders will enhance this transition process for the freshmen.

MATHEMATICS

It is strongly suggested that students follow teacher recommendations for course registration options for the following year. This may result in a student moving between courses along a path not shown in the outline below. Course changes that do not follow the prescribed path should ONLY occur under the collective guidance and recommendation of the student's math teacher, counselor and administrator.

SUGGESTED PATHS OF STUDY

8th Grade Algebra 1 Path Options

No. 1: Geometry Honors (9th Grade); Algebra 2 Honors (10th Grade); AP Pre-Calculus (11th Grade); AP Calculus or AP Statistics (12th Grade)

No. 2: Geometry College Prep (9th Grade); Algebra 2 College Prep (10th Grade); Pre-Calculus Algebra & Trigonometry (11th Grade); Survey of Calculus (12th Grade), AP Statistics (12th Grade)

8th Grade Pre-Algebra Path Options

No. 1: Algebra 1 College Prep (9th Grade); Geometry College Prep (10th Grade); Algebra 2 College Prep (11th Grade); Pre-Calculus Algebra & Trigonometry (12th Grade)

No. 2: Algebra 1 College Prep (9th Grade); Geometry (10th Grade); Algebra 2 (11th Grade); Algebra 3 (12th Grade)

No. 3: Algebra 1A (9th Grade); Algebra 1B (10th Grade); Geometry (11th Grade); Algebra 2 (12th Grade)

MATHEMATICS ELECTIVES

Algebra 3 (Grade 12)

Pre-Calculus Algebra & Trigonometry (Grades 11-12)

AP Pre-Calculus (Grades 11-12)

AP Calculus AB (Grade 12)

AP Calculus BC (Grade 12)

AP Statistics (Grades 11-12)

Applications of Mathematics (Grade 12)

Calculus 3 Honors

Survey of Calculus (Grades 11-12)

Differential Equations (St. Louis County Virtual Campus)

MATHEMATICS

REQUIRED

3110 - ALGEBRA 1A

(9-10; 1 credit)

This is the first year of a two-year program in algebra for students who have experienced some difficulty in previous mathematics courses. The complete Algebra 1 course is divided into two years of study in order to give more time for the understanding of the various concepts.

3120 - ALGEBRA 1B

(10-11; 1 credit; Algebra 1A)

Algebra 1 Part B is the second year of a two year Algebra program. When both Algebra 1A and 1B are successfully completed, two units of credit are given toward graduation. For college admission purposes, this two-year program is equivalent to one unit of Algebra 1. This two-year program fulfills the requirement of the Algebra credit necessary to graduate.

3150 - ALGEBRA 1 COLLEGE PREP

(9-11; 1 credit; recommended C or better in previous math course)

This course is designed for those students who are capable and may plan to study more advanced mathematics. This course is designed for those who want three or more units of math to meet college admission requirements, those who plan to study math and science in high school or college, or those who need math for electronics, data processing, and other technical courses. Topics studied include variables, operations with integers, properties of equations and numbers, inequalities, operations with polynomials, factoring, algebraic fractions, simultaneous linear equations, irrational numbers, and quadratic equations. A great deal of emphasis will also be placed on applying these skills to the solution of "real world" problems. A scientific calculator is required, a graphing calculator is strongly recommended.

3155 - AMPED IN ALGEBRA

(9-10; 1 credit; C in Pre-Algebra or Algebra 1A)

AMPED is a course which pairs Algebra 1-College Prep with manufacturing processes as a practical application of math skills. Students will be enrolled in both AMPED in Algebra I and AMPED in Business for an exciting partnership learning basic mathematical principles that are critical to the success of a business, and apply those concepts to run an apparel business on campus. Course instruction will include t-shirt design and production. Students will learn design processes, customer service skills, return on investment and customer retention practices. If you are interested in the business world, this is a great hands-on opportunity. Mathematical concepts learned will meet the requirements for completion of Algebra 1 including the state End of Course Exam and ACT preparation. Enrollment in this course will require 2 class periods.

3205 - GEOMETRY

(10-12; 1 credit; Algebra 1B)

This course is intended for students who have completed Algebra 1A and 1B or Algebra 1 College Prep with some difficulty. Geometry concentrates on general application of the theorems, postulates, and definitions of geometry. There is less emphasis on proofs than in other geometry classes. Many colleges require geometry as a prerequisite for entry, thus the format is designed to appeal to the student who needs more mathematics but would have great difficulty in mastering the more rigorous Geometry College Prep or Geometry Honors. Texas Instruments Scientific Calculator strongly recommended.

3250 - GEOMETRY COLLEGE PREP

(9-12; 1 credit; Algebra 1 College Prep recommended C or better)

This course gives attention to helping students understand the nature of deductive reasoning involving definitions, theorems and postulates of geometry. Throughout the course, students are encouraged to think of geometry as a logical system of thought. Students apply geometric definitions, theorems and postulates to solve problems, and draw and justify conclusions. The skills in earlier courses in arithmetic and algebra are maintained and extended toward visual representations.

3180 - GEOMETRY HONORS

(9-10; 1 credit; teacher recommendation only)

This course is designed for students who possess both good mathematical reasoning and critical thinking skills. It emphasizes the structure of geometry as a deductive system using relationships, properties, and applications associated with shapes found in a three dimensional world. Topics covered are plane, solid, and coordinate geometry, logic, and right triangle trigonometry. Texas Instruments Graphing Calculator strongly recommended.

3302 - ALGEBRA 2

(11-12; 1 credit; Geometry)

This course is intended for students who have completed Algebra 1A, Algebra 1B, and Geometry or students who had difficulty in Geometry College Prep. Topics studied include relations, functions, rational and irrational functions, quadratic equations, radicals, complex numbers, exponential and logarithmic functions, rational functions, and trigonometry. Students need a minimum of a scientific calculator. A Texas Instruments Graphing Calculator is helpful.

3305 - ALGEBRA 2 COLLEGE PREP

(10-12; 1 credit; Geometry-College Prep or Algebra 1 College Prep recommended C or better)

This is the second algebra course and is designed for those who may plan to study advanced mathematics in college. This course satisfies admission requirements for colleges that require three units of mathematics. It is recommended for anyone desiring a career in science, technology, business, or related fields. Topics studied include complex numbers, basic trigonometry, sequences and series, and analyzing functions including quadratic, polynomial, radical, rational, exponential and logarithmic. Having a Texas Instruments Graphing Calculator is strongly recommended.

3310 - ALGEBRA 2 HONORS

(10-11; 1 credit; Geometry Honors or Algebra 1 College Prep recommended B or better)

This course will cover all topics covered in Algebra 2 plus the following: Develop linear, quadratic, exponential and logarithmic functions for use in applications. Texas Instruments Graphing Calculator strongly recommended.

ELECTIVES

3410 - ALGEBRA 3

(12; 1 credit; Algebra 2)

This course is intended for students who have completed Algebra 2 or Algebra 2 College Prep with some difficulty. This course extends upon skills learned in previous math courses. Students are expected to apply these concepts through projects and assessments. Topics include statistics and probability, elementary trigonometry, quadratic, and exponential and logarithmic functions.

3400 - PRE-CALCULUS ALGEBRA & TRIGONOMETRY

(11-12; 1 credit; Algebra 2 College Prep recommended C or better)

First semester: Precalculus Algebra is a college algebra course and one of the prerequisites on the STEM pathway leading to Calculus. It includes the following topics: theory of equations; functions and graphs including parabolas, polynomials, rationals, exponentials, and logarithms; systems of equations and inequalities; and matrices. Applications will be primarily from science and business.

Second semester: Precalculus Trigonometry is a trigonometry course and one of the prerequisites on the STEM pathway leading to calculus. It uses an analytic approach to the definitions and graphs of the functions of an angle. It includes formulas and identities, trigonometric functions, inverse functions, and radian measure.

Texas Instruments Graphing Calculator strongly recommended. Students taking this course may be eligible to receive dual-credit through St Louis Community College. Students must meet all college entrance requirements and pay all fees associated with dual-credit. Math 160: STLCC

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

3351 - AP PRE-CALCULUS

(11-12; 1 credit; Algebra 2 Honors recommended C or better OR Algebra 2 College Prep B or better)

Precalculus is one of the prerequisites on the STEM pathway leading to calculus. This course is a unified study of college algebra and trigonometry. Emphasis is placed on the development of algebraic and trigonometric concepts. The topics include: graphing algebraic, exponential, logarithmic, and trigonometric functions; solving algebraic and trigonometric equations; solving systems of equations; and verifying trigonometric identities. Vector and Polar equations are also included.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

3443 - AP CALCULUS AB

(12; 1 credit; AP Pre-Calculus recommended C or better OR Pre-Calculus Algebra & Trig B or better)

This course is the first part of a three semester sequence of Calculus. Topics include limits and continuity of functions in a single variable, derivatives and antiderivatives of algebraic functions, exponential and logarithmic functions, and trigonometric functions. Students may choose to take the AP exam at the conclusion of the course to earn college credit. Students also have the opportunity to enroll in MTH 210 through STLCC- Meramec for an additional fee.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**3441 - AP CALCULUS BC
(12; 1 credit; AP Pre-Calculus B or better)**

This course is the first and second part of a three semester sequence of Calculus. Topics include limits and continuity of functions in a single variable, derivatives and antiderivatives of algebraic functions, exponential and logarithmic functions and trigonometric functions, improper integrals, parametric equations and infinite and power series. Students may choose to take the AP exam at the conclusion of the course to earn college credit. Students also have the opportunity to enroll in MTH 210 and MTH 220 through STLCC- Meramec for an additional fee.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**3511-AP STATISTICS
(10-12; 1 credit; Pre-Calculus Algebra & Trig recommended **B** or better; May take concurrently with Pre-Calculus Algebra & Trig or AP PreCalculus upon the completion of Honors Algebra 2 recommended B or better)**

AP statistics introduces students to the major concepts, and tools for soliciting, analyzing, and drawing conclusions from data. It focuses on statistics and probability, emphasizing sound statistical thinking rather than routine procedures. This course is intended to be equivalent to an introductory, non-calculus based college course in statistics. Students will have the opportunity to earn college credit through the AP Statistics Exam. Texas Instruments Graphing Calculator strongly recommended.

**3442 - SURVEY OF CALCULUS
(11-12; 1 credit; Pre-Calculus Algebra & Trigonometry OR AP Pre-Calculus, recommended C or better)**

Survey of Calculus is designed for students wanting to take calculus to prepare them for their course of study in college. Topics include, but are not limited to, limits and continuity of functions of a single variable, derivatives and antiderivatives of algebraic, trigonometric, exponential, and logarithmic functions. The course will focus on science and business applications.

Texas Instruments Graphing Calculator strongly recommended. Students taking this course may be eligible to receive dual-credit for the course Math 186: Survey of Calculus offered through St Louis Community College. Students must meet all college entrance requirements and pay all fees associated with dual-credit.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**3516 - APPLICATIONS of MATHEMATICS
(12; 1 credit; Algebra 2 College Prep C or better OR Pre-Calculus Algebra & Trig recommended C or better)**

This course will take an applied approach to content from various fields of Mathematics. Students will apply concepts from Algebra, Trigonometry, Statistics, and Calculus. The course will focus on using the TI-84 graphing calculator to show how students can apply the concepts they have learned in previous courses as well as introduce them to new ideas from Statistics and Calculus.

**3447 - CALCULUS 3 HONORS
(12; 1 credit; AP Calculus BC)**

Calculus 3 is a continuation of the material covered in AP Calculus BC. The course emphasizes a multi-representational approach to calculus through the exploration of limits, differentiation, integration, series, parametric functions, polar functions and many applications within these areas. In this course, students will study in depth situations involving change and accumulation using descriptive, analytical, numerical and graphical approaches. Dual credit will be available for this course. Depending on the enrollment, this course may be offered through the St. Louis Virtual Campus. The St. Louis Virtual Campus is taught via an asynchronous online format

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**3448 - DIFFERENTIAL EQUATIONS (St. Louis Virtual Campus)
(1 credit; Calculus 3)**

Differential Equations introduces methods of solving ordinary differential equations, which are used to model and describe a wide range of physical phenomena. Topics included are first order differential equations, higher order differential equations, LaPlace transform methods, systems of differential equations, and applications. Studying differential equations provides students with a versatile and powerful set of tools for understanding, modeling, and solving problems in a wide range of scientific, engineering, and mathematical fields. The St. Louis Virtual Campus is taught via an asynchronous online format

PHYSICAL EDUCATION AND HEALTH

REQUIRED COURSES

Boys Personal Fitness Concepts (Grades 9-10)

Girls Personal Fitness Concepts (Grades 9-10)

Health and Family Education (Grades 9-12)

PHYSICAL EDUCATION ELECTIVES

Basic Weight Training (Grades 9-12)

Female Fitness (Grades 9-12)

Advanced Strength and Conditioning (Grades 10-12)

Team and Individual Sports (Grades 9-12)

Dance and Fitness Concepts (Grades 9-12)

Lifetime Fitness (Grades 9-12)

Outdoor Adventures (Grades 9-12)

Buddies in Motion (Grades 10-12)

PHYSICAL EDUCATION AND HEALTH

REQUIRED

8100 - BOYS PERSONAL FITNESS CONCEPTS (9-10; .5 credit)

8201 - GIRLS PERSONAL FITNESS CONCEPTS (9-10; .5 credit)

Personal Fitness Concepts is a required course to be taken in students' ninth or tenth grade year. As a prerequisite for all other Physical Education classes, the course covers the basic components of fitness, which includes cardiovascular health, stress management, muscular strength and endurance training, flexibility, and body composition. Activities will include, but are not limited to, individual, dual/team sports. Students learn proper methods, theories, safety precautions, and physical benefits associated with each health related fitness component, as well as how to develop personal fitness plans based on the taught concepts. The President's Fitness Challenge & Fitness program assessments will be administered.

8323 - HEALTH AND FAMILY EDUCATION (9-12; .5 credit)

Healthy behavior is a choice that begins with the ability to separate fact from fiction in order to make informed decisions. Health covers the essential elements of active living, life-management and wellness skills, and making healthy personal choices. Subject matter includes mental health; body structures and functions; nutrition; first aid; consumer health; personal hygiene; human sexuality; disease prevention; and the harmful effects of drugs, alcohol, and tobacco.

ELECTIVES

8330 - BASIC WEIGHT TRAINING (9-12; .5 credit; Personal Fitness Concepts)

Basic Weight Training will provide the student with basic weight training fundamentals and the opportunity to maintain physical fitness through firming, toning, and aerobic conditioning. In the class, weight training will occur three days a week accompanied by two days of aerobic conditioning. Students will keep weekly workout journals, set personal and cardio goals, and develop an individual comprehensive personal fitness plan (detailed portfolio). Students will also receive classroom instruction on related health topics. Basic Weight Training is a prerequisite to Advanced Strength and Conditioning.

8350 - FEMALE FITNESS (9-12; .5 credit; Personal Fitness Concepts)

This class is designed for any female student who has previously taken PFC and is looking for a full body experience. Whether you are a female athlete looking to gain a competitive edge or a beginner looking to get in shape. Students will set personal goals and workouts will be tailored to achieve those goals. Units will include, but not limited to, strength training, core strength and balance ("yoga"), speed and agility, and self-defense strategies.

8340 - ADVANCED STRENGTH AND CONDITIONING (10-12; .5 credit; Basic Weight Training or Female Fitness or teacher approval)

This course is designed to assist the students to become successful in a competitive athletic environment. Students will gain the knowledge of how to successfully train their bodies in order to gain both strength and endurance while increasing flexibility. Weight training will be four days per week, with one day of active cardiovascular conditioning and plyometric training, as well as classroom instruction. Areas of emphasis will be on the discussion of various relevant topics such as, but not limited to, basic nutritional information, how to develop a sound nutritional plan based on an individual's own goals, the danger of steroid usage, natural performance enhancing substances, and proper weight gain/loss strategies. Students will develop a comprehensive personal fitness plan in this class.

8110 - TEAM AND INDIVIDUAL SPORTS

(9-12; .5 credit; Personal Fitness Concepts)

This course is designed to provide a sound physical education experience for nine through twelfth grade students. This class will emphasize Team Sports activities such as soccer, flag football, team handball, volleyball, basketball, ultimate games, softball, mat ball, and other team game activities. Students will learn game rules, theories of sport, techniques, scoring, safety precautions, and the history of many popular American and International sport/games. This class will also emphasize Lifetime, Individual and Dual activities such as tennis, pickleball, Frisbee golf, badminton, jogging/walking for fitness, aerobics, weight lifting, and other lifetime activities. This course will also reinforce the 6 Basic Components of Fitness introduced in Personal Fitness Concepts (PFC). An athletic skills assessment and Presidential Physical Fitness testing will also be included. Students will develop a comprehensive personal fitness plan in this class. This is a co-ed class.

8300 - DANCE AND FITNESS CONCEPTS

(9-12; .5 credit; Personal Fitness Concepts)

This class is designed for any student who would like to explore the world of dance. The focus will be to expose students to a variety of dance techniques. These techniques will include, but not limited to; Ballet, Jazz, Lyrical, Broadway, Ballroom, Modern, Hip-Hop, Swing, and Salsa. Other Aerobic activities will also be experienced in this class. Students will learn proper techniques, theories, and history of these dances. The class will climax with group performances that are choreographed by the students.

8105 - LIFETIME FITNESS

(9-12; .5 credit; Personal Fitness Concepts)

This course introduces students to a variety of recreational and outdoor sports designed to promote lifelong physical activity and enjoyment. Activities include tennis, golf, badminton, pickleball, bowling, frisbee, backyard games, and walking. Emphasis is placed on developing individual sport skills, enhancing personal fitness, and fostering an appreciation for non-contact sports. Students will gain practical knowledge and skills to engage in these activities for recreation and wellness throughout their lives. The course encourages a supportive and inclusive environment where students of all ability levels can participate and grow.

8115 - OUTDOOR ADVENTURES

(9-12; 0.5 credits, Personal Fitness Concepts)

Outdoor Adventures is a fun and exciting inclusive physical education course that gets students outside the school walls to learn lifelong recreational skills and develop an appreciation for the outdoors. Some of the topics included are safety components of outdoor activities, basic survival skills, wildlife conservation, and caring for both the mind and body.

8215 - BUDDIES IN MOTION

(10-12; .5 credits, Personal Fitness Concepts)

Buddies in Motion is a course designed to bring together students of all abilities in a supportive and inclusive environment. The focus is on low-impact, no-contact activities such as walking, cooperative games, and interactive movement-based exercises that encourage engagement and connection among peers. Emphasis is placed on fostering positive attitudes, building meaningful relationships, and promoting physical activity in a way that is accessible and enjoyable for everyone. Students will develop teamwork, empathy, and a sense of community while staying active. Students must go through a recommendation process to enroll in this course.

PRACTICAL ARTS: AVIATION

Aviation is one of the fastest-growing industries in the world, offering a wide range of high-demand careers—from pilots and drone operators to engineers and air traffic controllers. Whether you dream of soaring through the skies or innovating on the ground, this course is your first step into an exciting and dynamic field.

AVIATION ELECTIVES

Aviation 1 (Grades 10-12)

Aviation 2 (Grades 10-12)

5860 - AVIATION 1

(10-12; .5 credit, Algebra 1-College Prep)

In Aviation 1, you'll explore the fascinating world of manned and unmanned aircraft. This course introduces the major components of aircraft, principles of flight, and the fundamental laws that make flight possible. You'll learn the basics of aerodynamics and discover how forces like lift, drag, and thrust work together to keep aircraft in the sky. Through hands-on, STEM-driven learning, you'll dive into real-world activities like flying simulators, piloting drones, and building model aircraft. You'll also investigate the main systems found on both large and small airplanes, as well as Unmanned Aircraft Systems (UAS). These activities bring aviation to life and let you see firsthand how the skills you learn apply to future careers.

5861 - AVIATION 2

(10-12; .5 credit, Aviation 1)

In Aviation 2, students will build on their foundational knowledge and advance their skills in both manned and unmanned flight operations. This course will guide students through the various processes of preparing for and conducting flights, including pre-flight planning, safety protocols, and actual flight execution. Students will delve deeper into topics such as airspace, airport operations, operating environments, and regulations. Aviation 2 continues to emphasize hands-on learning through the use of simulators, models, and drones. Students will also engage in exciting, real-world activities such as drone racing and drone soccer, adding a dynamic and fun way to practice piloting skills. Manned aircraft flight planning features a cross-country flight simulation, allowing students to experience detailed flight planning and execution in a virtual environment. Upon completion of Aviation 2, students will be well-prepared to take the FAA Part 107 commercial drone pilot certification exam, or the Pre-Solo Knowledge Test for manned flight, opening the door to numerous opportunities in the fast-growing field of aviation.

PRACTICAL ARTS:BUSINESS

SUGGESTED PATHS OF STUDY

Marketing, Sales and Services: Career Explorations, AMPED, Marketing Basics, Accounting 1, Start Your Own Business, Sports and Entertainment Marketing, Accounting 2, College Business Management, AP Economics

Business, Management and Administration: Career Explorations, AMPED, Business and Personal Law, Accounting 1, Start Your Own Business, Accounting 2, College Business Management, AP Economics

Finance: Career Explorations, AMPED, Personal Financial Management, Accounting 1, Accounting 2, College Business Management, AP Economics

Information Technology: Microsoft Office 1, Microsoft Office 2, Graphic Design in Advertising

BUSINESS ELECTIVES

Accounting 1 (Grades 10-12)

Accounting 2 (Grades 11-12)

AP Economics (Grades 11-12)

Business and Personal Law (Grades 10-12)

Career Explorations (Grades 9-11)

College Business Management (Grades 11-12)

Start Your Own Business (Grades 10-12)

Graphic Design in Advertising (Grades 10-12)

International Business and Marketing (Grades 10-12)

Internship (Grades 11-12)

Intro to Business (Grades 9-12)

Marketing Basics (Grades 9-12)

Advanced Marketing (Grades 10-12)

Microsoft Office 1 (Grades 9-12)

Social Media and Digital Marketing (Grades 10-12)

Sports and Entertainment Marketing (Grades 10-12)

AMPED in Business (Grades 9-10)

BUSINESS

All students enrolled in marketing courses have the opportunity to participate in the co-curricular Marketing Club, DECA. Members have the opportunity to compete in marketing competitions and earn scholarships. DECA courses are noted with a * symbol.

Future Business Leaders of America, or FBLA, is a student business organization open to anyone interested in Business. During the school year, members develop leadership, team building, communication, and networking skills, through a variety of activities including service projects, social activities, career exploration, and competition. Students have fun and build confidence as they transition from students to business professionals. FBLA courses are noted with a ** symbol.

REQUIRED

5130 - PERSONAL FINANCIAL MANAGEMENT (10-12; .5 credit)

Students, as consumers, spend, save, and try to budget. Purchases of cars, homes, investments and insurance are in their future. Therefore, students need to be informed about financial responsibility today and prepare them for choices that lie ahead. The course topics are:
career-planning and goal-setting;

- pay, benefits, taxation and budgeting;
- banking services, checking and savings accounts;
- saving, investing and investment options;
- usefulness and hazards of credit;
- consumer skills, such as insurance, buying versus renting, and consumer rights and responsibilities. The students will use the Internet to complement textbook assignments.

Dual Credit: Students may receive dual credit through [Missouri State University](#) by successfully completing both Personal Financial Management and Missouri State's Fin 150 iCourse program.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

Lindbergh High School provides three different options for students to meet the .5 credit for Personal Financial Management graduation requirement.

- Students may enroll and pass the LHS Personal Financial Management course for .5 credit.
- Students may receive personal financial credit through an embedded course - Accounting 1, Marketing II, College Business Management or AP Economics - by earning a minimum grade of 80 percent in both semesters (no consideration of a weighted grade) in the course **and** pass the state online assessment with a score of 70 percent or better by December of senior year.
- Students may test out and receive personal financial credit toward graduation by scoring 90 percent or higher on the district online assessment by May of junior year.

ELECTIVES

5400 - ACCOUNTING 1 **

(10-12; 1 credit)

Accounting is the basis for making financial business decisions, contributing to business success. The principles of accounting for proprietorships, partnerships, and corporations are learned using theory, problems, and reinforcement activities. Students will prepare financial statements such as a balance sheet, income statement, and owner's equity statements. Computer simulations are used to complete the accounting cycle. This course is recommended for students who plan to major in business in college or want to be an entrepreneur. Students may earn college credit through St. Louis Community College.

5405 - ACCOUNTING 2 **

(11-12; 1 credit; Accounting 1)

This course is designed to build on principles in Accounting 1, with an opportunity to utilize accounting software and application of real-life business scenarios. This course will develop the foundation needed to continue the study of accounting in college or to seek employment in business. A grade of C or better in Accounting 1 is recommended.

5490 - AP ECONOMICS **

(11-12; 1 credit)

AP Economics is a yearlong course combining a semester of AP Microeconomics and a semester of AP Macroeconomics. Microeconomics and Macroeconomics are typically required college courses for any Business Management, Marketing or Finance major. The course is designed to help students develop critical-thinking skills through the understanding, application, and analysis of fundamental economic concepts. Students who score well enough on the AP Micro and AP Macro exams could earn 6 college credit hours or advanced placement at the post-secondary institution. This is equal to two college economic courses. College credit available.

5310 - BUSINESS AND PERSONAL LAW **

(10-12; .5 credit)

As students identify the need for laws, they will develop an appreciation of the rights, duties, and obligations of individuals as citizens and consumers. Criminal and civil law, as well as laws regarding family, employment, and contracts are introduced.

5300 - CAREER EXPLORATIONS

(9-11; .5 credit)

This is a one semester course designed to assist students in developing a career plan and preparing for their career goals, such as college planning, resume writing and interviewing.

5479 - COLLEGE BUSINESS MANAGEMENT

(11-12; 1 credit)

Looking to step into the world of business and make an impact? In this course you'll explore what it takes to run a successful company in today's fast-paced global economy. From managing people to understanding the numbers that drive businesses, this course covers it all. You'll dive into topics like marketing strategies, human resources, and finance, while learning how to handle real-world business challenges through case studies and hands-on projects. Want to stay ahead of the curve? You'll also explore how tech innovations are changing the way companies operate and gain insight into the ethical issues businesses face today. This course qualifies for embedded Personal Financial Management credit and dual credit through St. Louis Community College.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5410 - START YOUR OWN BUSINESS *

(10-12; .5 credit)

Got a great idea? Ready to be your own boss? In this entrepreneurship course, you'll learn what it takes to turn your big ideas into successful businesses. From brainstorming innovative concepts to creating a solid business plan, you'll dive into everything you need to know about starting a company. Explore how marketing, pricing, and promotions play a key role in building a brand, and tackle real-world challenges like identifying your target market, conducting competitive research, and managing costs. Whether you're dreaming of launching your own startup or just curious about how businesses succeed, this course will give you hands-on experience and the tools to make it happen. If you're ready to turn your passion into a real venture, this is the course for you!

5270 - GRAPHIC DESIGN IN ADVERTISING **

(10-12; .5 credit)

This course will review a variety of basic design principles and their impact on a target audience. Students will use Canva, Adobe Photoshop and InDesign to practice image editing and use those skills to develop graphic campaigns used in Advertising by creating their own public service announcements, entertainment products and full company branding for a small business.

5100 - INTERNSHIP

(11-12; 1 credit for each period taken, up to 2 credits per year; application approval)

Students receive on-the-job training in a career area of their choice. Internships provide educational opportunities beyond the school environment by working in an approved training station during the afternoons or evenings. One unit of credit can be obtained for working an average of 10 hours each week. Two units of credit can be obtained for working an average of 15+ hours each week. This instructional program is planned and supervised by both the teacher-coordinator and employer. Students are graded on their performance at their internship site on career-specific goals in addition to online soft skills assignments.

5470 - INTERNATIONAL BUSINESS AND MARKETING

(10-12; .5 credit)

The world awaits you in this semester-long introductory course designed to provide insight into the global business world. Students will compare the business practices of different cultures, identify what it means to act ethically in a global business setting, and examine the opportunities and challenges of global trade. Students participate in a 9 week program called Squads Abroad where they get to work with micro-entrepreneurs in developing countries, helping them to come up with marketing ideas to grow their businesses.

5290 - INTRODUCTION TO BUSINESS **

(9-12; .5 credit)

Through various discussions, simulations, use of technology, and peer collaboration, students are made aware of the integral role business plays in our society. Introductory units on the global economic environment, business organization and management, social responsibility, entrepreneurship, marketing, and operations are covered.

5459 - MARKETING BASICS *

(9-12; .5 credit)

Want to know how companies get their products into your hands and why some brands stand out? Marketing Basics is the perfect place to start! This course will introduce you to the exciting world of marketing, where you'll learn how businesses create, price, promote, and sell products. You'll explore everything from social media campaigns to how products are placed in stores, gaining skills that can be used in any career. Plus, you'll have the chance to join DECA, an international organization that lets you put your marketing knowledge to the test in competitions and build leadership skills. Whether

you're college-bound or looking to jump into the workforce after high school, this course is for anyone interested in learning what makes businesses and brands thrive.

5461 - ADVANCED MARKETING *

(10-12; 1 credit; Marketing 1)

Ready to take your marketing skills to the next level? In Advanced Marketing, you'll dive deep into product development, market research, advertising strategies, and more—all while working on real projects that matter. You'll brainstorm new product ideas, design marketing surveys, and even create eye-catching marketing campaigns. Plus, you'll team up with local businesses to explore real-world marketing challenges and get hands-on experience in the field. Whether you're thinking about a career in business, or marketing, or just want to sharpen your creative and problem-solving skills, this course has you covered. This course also qualifies for embedded Personal Financial Management credit and dual credit through Missouri State University.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5380 - MICROSOFT OFFICE 1 **

(9-12; .5 credit)

This course is designed for students who need to develop keyboarding skills and want to learn the applications in the Microsoft Office suite to create high-quality Word documents, Excel spreadsheets, and professional PowerPoint presentations.

5463 SOCIAL MEDIA AND DIGITAL MARKETING

(10-12; 0.5 credit)

Social media marketing skills are essential for any student entering the marketing industry. Students will gain an extensive understanding of concepts utilized when developing strategies for social media and digital marketing. Students will use analytics to develop strategies for use on various social media platforms such as YouTube, Facebook, Instagram, and TikTok. Students will produce professional promotions for each platform using graphic design skills and concepts. Students are eligible to gain industry certification in social media marketing at the end of the course through an examination process.

5385 - SPORTS AND ENTERTAINMENT MARKETING *

(10-12; .5 credit)

Students will explore the basics of marketing through studying the sports and entertainment industries. They will use their marketing knowledge to help promote events through the LHS athletics department, as well as the theater department. Students also work together to create the publicity and social media advertising for Sunday Night Lights, which gives them a feel for what it is like to work in a marketing department of a non-profit organization.

** DECA courses*

*** FBLA courses*

5415 - AMPED IN BUSINESS

(9-10; 2 credits; C in Pre-Algebra or Algebra 1A)

AMPED is a course which pairs Algebra 1-College Prep with manufacturing processes as a practical application of math skills. Students will be enrolled in both AMPED in Algebra I and AMPED in Business for an exciting partnership learning basic mathematical principles that are critical to the success of a business, and apply those concepts to run an apparel business on campus. Course instruction will include t-shirt design and production. Students will learn design processes, customer service skills, return on investment and customer retention practices. If you are interested in the business world, this is a great hands-on opportunity. Enrollment in this course will require 2 class periods.

PRACTICAL ARTS: CERTIFIED NURSE ASSISTANT (CNA)

This two-year course is for students who are interested in earning their CNA nursing certification. This course fully immerses students into healthcare through lab and patient care experiences in assisted living facilities. Students learn human anatomy and physiology, medical terminology, disease processes, CPR, first aid, vital signs, human relations skills, and basic healthcare skills while learning to think critically. An emphasis is placed on job readiness and professionalism in the workplace. Upon completion of the program requirements, qualified students can take the Missouri State Exam to become a Certified Nurse Assistant. It is recommended that students have earned a "C" or higher in all science courses.

5540, 5541- Year 1: Health Science - Certified Nurse Assistant (CNA)

(11; 2 credits; Students must be 16 years old on the first day of class and must be vaccinated against COVID-19 per federal law)

The first year is a two hour consecutive block and is primarily classroom-based with an emphasis on learning basic knowledge to enable students to care for patients.

5555, 5556, 5557- Year 2: Health Science - Certified Nurse Assistant (CNA)

(12; 3 credits; must earn a minimum of a C in year 1, provide a social security number, have a background check and drug screening to participate in clinical work)

In year two, students will have a three hour consecutive block and will participate in off-campus clinical experiences to earn the necessary hours for certification. Students must be able to provide their own transportation to the clinical site.

PRACTICAL ARTS: COMPUTER SCIENCE

SUGGESTED PATHS OF STUDY

Computer Science is a career-field that is rapidly growing with a high-demand for workers with a background in Computer Science. The pathways below can help a student gain that background to pursue a post-secondary degree in Computer Science and also earn college credit from some institutions.

No. 1: Intro to Programming, Advanced Programming, AP Computer Science Principles OR AP Computer Science A

No. 2 (For students who have completed Honors Algebra 2): AP Computer Science A, AP Computer Science Principles

Computer Science Credit Option: Section 170.018, RSMo allows a student to fulfill one unit of academic credit toward high school graduation with a district-approved computer science course for any mathematics, science, or practical arts unit required for high school graduation. In order for the district to allow computer science to fulfill a math or science credit, the student must have either taken or be on track to take courses that require end-of-course examinations for math and science. In addition, the parent, guardian, or legal custodian of each student who chooses to take a computer science course to fulfill a mathematics credit shall sign and submit to the school district a document containing a statement acknowledging that taking a computer science course to fulfill a math credit may have an adverse effect on college admissions.

COMPUTER SCIENCE ELECTIVES

Intro to Programming (Grades 9-12)

Advanced Programming (Grades 9-12)

AP Computer Science Principles (Grades 9-12)

AP Computer Science A (Grades 10-12)

Cybersecurity (Grades 11-12)

IT Innovations (Grades 9-12)

Technology Help Desk/Copilot (Grades 10-12)

Technology Internship (Grades 11-12)

Web Design 1 (Grades 9-12)

Web Design 2 (Grades 9-12)

COMPUTER SCIENCE

ELECTIVES

3451 - INTRO TO PROGRAMMING

(9-12; Semester 1; .5 credit; currently enrolled in Algebra 1 College Prep or higher)

Students will use curriculum developed by Carnegie Mellon University and learn the basics of the Python programming language. Students will have multiple opportunities to create their own project and interactive games using programming concepts. This class is a prerequisite for AP Computer Science and Advanced Programming.

3452 - ADVANCED PROGRAMMING

(9 -12, Semester 2; 0.5 credit, Intro to Programming or approval for Instructor)

Students will continue learning Python programming language using the curriculum developed by Carnegie Mellon University. They will learn advanced Python coding skills that will allow them to create efficient, reusable code and solve complex problems. At the end of the semester, the students will be able to create interactive games. This is the next prerequisite for AP Computer Science.

3500 - AP COMPUTER SCIENCE PRINCIPLES

(9-12; 1 credit; currently enrolled in Algebra 1 College Prep)

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. The AP Computer Science Principles curriculum focuses on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. This is a year-long course and students are encouraged to take the AP Exam in May upon completion of the course. This course does not go into the same coding depth as AP Computer Science A.

3490 - AP COMPUTER SCIENCE A

(10 – 12; 1 credit; Intro/Advanced Programming, AP CSP, or approval from Instructor)

In this course, students learn to design, implement, and test programming solutions to problems using the Java programming language environment. Topics include input/output, control statements, iteration, classes and objects, arrays, recursion, searching and sorting of data. Students may take the AP Computer Science A exam upon completion of this course.

3455 - CYBERSECURITY

(10- 12; 1 credit; currently enrolled in Algebra 1 College Prep or higher)

This year-long course lays the foundation for understanding cyber law and policy, Linux, networking technology basics, risk assessment, cryptography, and a variety of cybersecurity tools - all the essential knowledge and skills needed to begin a career in the cybersecurity workforce. The course will prepare students for Comp TIA+ industry certification.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

3457 - IT INNOVATIONS

(9-12; 0.5 credits; currently enrolled in Algebra 1 College Prep or higher)

In today's fast-paced digital world, technology plays a vital role in shaping our lives and careers. IT Innovations is an exciting semester-long course designed specifically for high school students. This course aims to introduce students to the incredible innovations in information technology, focusing specifically on data science, artificial intelligence (AI), and robotics. Students will take an engaging journey through these fascinating fields, diving into the latest developments and trends. Students will get a grasp of the fundamental concepts and have the chance to roll up their sleeves and dive into practical projects, experiments, and real-world examples.

5505 - TECHNOLOGY HELP DESK/COPILOT

(10-12; 1 credit; Completion of the introductory course in computer science or A+ certification and recommendation from computer science or A+ certification instructor)

Students will serve as technicians and trainers to support student and staff use of technology. Activities include analyzing device problems, installing software updates, and repairing damaged devices. Students may also be able to pursue independent pathways in technology learning if compatible with help desk responsibilities. Juniors and seniors have the option to utilize this class as an internship with approval.

TECHNOLOGY INTERNSHIP

(11-12; 1 credit; COPILOT)

This internship is for students who would like to help manage and maintain the Copilot website. Students will learn the fundamental components of the Copilot website as well as how to manage workflow through the site and edit and update the site continuously. Students will work independently to take ownership of the Copilot site and train other students who will take over the site the following year. Students interested in pursuing this internship should email Mr. Keith Loveless at kloveless@lindberghschools.ws.

3495 - WEB DESIGN 1

(9-12; .5 credit; currently enrolled in Algebra 1 College Prep)

This class will focus on web development with website design software and HTML encoding and CSS coding. Students will have hands-on experience on graphic editing and Web-oriented animation. Students will learn basic concepts and terminology about the Internet, World Wide Web, and Web development.

3496 - WEB DESIGN 2

(9-12; .5 credit; Web and Design 1)

In Web Design 2, students will focus on designing dynamic web pages using Java Script with ActionScript programming language. With successful completion of this course, students are able to design and create multimedia-based websites.

PRACTICAL ARTS: DRIVER EDUCATION

DRIVER EDUCATION ELECTIVES

Driver Education 1 (Grades 9-12)

Driver Education 2 (Grades 9-12)

DRIVER EDUCATION

ELECTIVES

5850 - DRIVER EDUCATION

(9-12; .5 credit; Students must be 15 years of age on or before Oct. 1st to take this course first semester, March 1st to take this course second semester, or June 1st to take this course during summer school)

The Lindbergh High Driver Education course goes beyond the maneuvering of a vehicle and gives students the knowledge and skills they need to become better, safer drivers. The main themes of the course include: the MO driver license program, defensive driving strategies, traction and roadway conditions, decision making, and vehicle ownership. This course utilizes many student-centered projects and hands-on activities, including driving simulators and pedal carts, to offer practical learning opportunities.

5851 - DRIVER EDUCATION 2

(9-12; no credit; Concurrent or previously completed Driver Education 1 and must have earned their driving permit prior to beginning lessons)

This class will include four hours of behind the wheel instruction with a state certified instructor. Students will apply the knowledge acquired in the classroom to real world driving experiences. A fee of \$250 is required, which includes:

- Four one-hour driving sessions
- Use of Driver Education car
- Insurance and gas
- DESE certified instructor

Driving instruction is scheduled after school hours. Please use this Driver Education 2 [form](#) to register.

PRACTICAL ARTS: EMT CERTIFICATION PROGRAM

5578, 9001 - EMERGENCY MEDICAL TECHNICIAN (EMT) (12; 1 credit)

Through a partnership with the Mehlville Fire Protection District, this innovative course offers an exploration of human anatomy and physiology combined with Emergency Medical Technician (EMT) training, providing students with a unique opportunity to earn an EMT certification under the guidance of a certified EMT instructor. This integrated curriculum is designed to equip students with an understanding of the human body's structure and function while preparing them for a career in emergency medical services. At the conclusion of this course, students will have the option to take the EMT certification exam, further enhancing their credentials and career prospects. Students will also complete a CPR/First Aid certification.

This course will involve some additional requirements and time commitments outside of the boundaries of a traditional course. This is to ensure that our program upholds the rigorous national standards for EMT certification. Prior to committing to this course, please review the list of requirements below to ensure that you will be able to successfully meet the expectations.

Requirements for Enrollment:

- Must be in 12th grade (at least 17 years old at start of course)
- Minimum of 48 hours of clinical time (some scheduled by program, some can be done in summer; all outside of school hours)
 - We will help you schedule these, but you will have to arrange your schedule to accommodate the time commitment
- Minimum 2 Saturdays per semester for assessments (CPR, Fire, etc.)
- Costs to student (must be completed before clinicals in the fall):
 - EMT Uniform (approx \$125)
 - Drug screen
 - Flu/covid vaccine
 - Physical
- Must sign up for a 5th hour Learning Lab along with the 7th hour EMT Course
 - In order to have longer times for Skills Sessions, we are requiring students to take a LLAB during 5th hour, so that on Wednesdays we will have an extended block period (for both hours).
- Ability to access transportation/leave campus on Wednesdays for extended block period Skills Sessions
 - Some may take place off site, so having a means of transportation or ability to carpool is necessary.

If you have any further questions about the requirements or needs to enroll, please talk to your counselor or Ms. Mirka (rm 327, taylormirka@lindberghschools.ws)

PRACTICAL ARTS: ENGINEERING TECHNOLOGY

ENGINEERING TECHNOLOGY ELECTIVES

A+ Certification (Grades 10-12)

Network+/Server+ Certification (Grades 10-12)

Product Manufacturing and Construction (Grades 10-12)

Technology Help Desk/Copilot (Grades 10-12)

PROJECT LEAD THE WAY ENGINEERING

Project Lead the Way is a pre-engineering program that addresses the educational needs of students planning to attend a two or four year college, leading to a career in engineering or engineering technology. **Students must be concurrently enrolled in a college prep math course.** The program, when combined with mathematics and science courses, introduces students to the scope, rigor, and discipline of engineering prior to entering college

PLTW ENGINEERING ELECTIVES

Introduction to Engineering Design (Grades 9-12)

Principles of Engineering (Grades 10-12)

Civil Engineering and Architecture (Grades 11-12)

Digital Electronics (Grades 10-12)

Engineering Design and Development (Grade 11-12)

ENGINEERING TECHNOLOGY

ELECTIVES

5553 - A+ CERTIFICATION

(10-12; 1 credit; B or higher in Algebra 1)

This is the foundation course for all computer technicians. The course will provide students with the theory and 60 hands-on activities that allow them to build, install, upgrade, and repair personal computers and peripherals (printers, scanners, and modems). College credit is available at St. Louis Community College through the Tech Prep Articulation Agreement.

5530 - NETWORK+/SERVER+ CERTIFICATION

(10-12; 1 credit; A+ Certification)

This course prepares the student for successful completion of the CompTIA Network+ and Server+ Certification exam. Students build on the knowledge and skills learned in A+ Certification course and also learn the skills needed to install, upgrade, and repair local area networks, network hardware, network operating systems, TCP/IP essentials and utilities, and network security design. The Server+ certification credential validates advanced-level technical competency of server issues and technology, including installation, configuration, upgrading, maintenance, troubleshooting, and disaster recovery. This certification is geared toward mid-to-upper level technicians.

5510 - PRODUCT MANUFACTURING AND CONSTRUCTION

(10-12; 1 credit)

Students will learn to identify various types of materials and how they are used to make different products. The student will be introduced to the planning and designing of a finished product. The product may include small furniture construction, wood lamination, plastic lamination, metal fabrication and other aspects of manufacturing and construction. Power tools will be used in this class. Students will also learn CAD / CAM operations on our CNC machines and laser cutter. Students will need to bring 15 dollars (cash or check made out to LHS). This fee will include safety glasses, earplugs, and consumables (i.e. paint, stain, glue, nails, screws, welding wire and gas). If the student cannot afford the fee, let the instructor know and we can work something out.

5505 - TECHNOLOGY HELP DESK/COPILOT

(10-12; 1 credit; Completion of the introductory course in computer science or A+ certification and recommendation from computer science or A+ certification instructor)

Students will serve as technicians and trainers to support student and staff use of technology. Activities include analyzing device problems, installing software updates, and repairing damaged devices. Students may also be able to pursue independent pathways in technology learning if compatible with help desk responsibilities. Juniors and seniors have the option to utilize this class as an internship with approval.

PLTW ENGINEERING

ELECTIVES

5560 - INTRODUCTION TO ENGINEERING DESIGN (9-12; 1 credit)

This course teaches students to be problem solvers by using the design process for product development. Students will learn to use different types of computer-aided drafting software, such as AutoCAD and Autodesk Inventor, to produce three-dimensional models and working drawings of their solutions. This course follows national and state standards for mathematics, science, and technology, and prepares students to pursue two or four-year college degrees in engineering or engineering technology. At the end of the year, students have the option of taking a college credit exam that is transferable to most colleges with engineering programs.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5561 - PRINCIPLES OF ENGINEERING (10-12; 1 credit; Introduction to Engineering Design)

This class introduces the field of engineering and engineering technology and is beneficial for any student considering going into a two or four-year engineering or engineering technology program in college. This project based class will explore concentration areas in the engineering field such as mechanical, electrical, and control systems, material testing, and the engineering design process. Students will learn how to write technical reports, how to present their ideas on presentation software, and how science, math and technology are used by engineers on a daily basis. At the end of the year, students have the option of taking a college credit exam that is transferable to most colleges with engineering programs. This follows National and State standards for Mathematics, Science, and Technology.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5562 - CIVIL ENGINEERING AND ARCHITECTURE (11-12; 1 credit)

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state-of-the-art software to solve real-world problems and communicate solutions to hands-on projects and activities. This course covers topics such as the roles of civil engineers and architects, project planning, site planning, building design and project documentation and presentation. This course follows national and state standards for mathematics, science, and technology and prepares students to pursue two or four-year college degrees in engineering or engineering technology.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5565 - DIGITAL ELECTRONICS (10-12; 1 credit)

This course provides an overview of the field of Electrical Engineering. Students will start with the beginning of electronic circuits and work their way into understanding complex electronic circuits using various integrated circuit chips. Students will use computer simulation software to design and test various circuits prior to the construction of these circuits on a breadboard in a digital and analog circuit trainer. This course follows national and state standards for mathematics, science, and technology, and prepares students to pursue two and four-year college degrees in engineering or

engineering technology. At the end of the year, students will have the option of taking a college credit exam that is transferable to most colleges with engineering programs.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**5567 - ENGINEERING DESIGN AND DEVELOPMENT (EDD)
(11-12; 1 credit, Principles of Engineering)**

Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams of students will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process. Engineering Design and Development is a high school level course that is appropriate for 12th grade students. Since the projects on which students work can vary with student interest and the curriculum focuses on problem solving, EDD is appropriate for students who are interested in any technical career path. EDD should be taken as the final capstone PLTW course since it requires application of the knowledge and skills from the PLTW foundation courses.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

PRACTICAL ARTS: FAMILY AND CONSUMER SCIENCES

FAMILY AND CONSUMER SCIENCES ELECTIVES

Child Development 1 (Grades 9-12)

Child Development 2 (Grades 9-12)

Cadet Teaching (Grades 11-12)

Introduction to Sewing (Grades 9-12)

Sewing 2 (Grades 9-12)

Foods 1 (Grades 9-12)

Foods 2 (Grades 9-12)

International Cuisine (Grades 10-12)

Baking and Pastry (Grades 10-12)

Fashion and Interior Design (Grades 9-12)

Relationships (Grades 9-12)

FAMILY AND CONSUMER SCIENCES

ELECTIVES

5770 - CHILD DEVELOPMENT 1 (9-12; .5 credit)

Child Development 1 is a course designed to focus on assessing the impact of the parenting and caregiving roles in society. This course will provide students with a thorough range of information concerning positive parenting, family, patterns and considerations before pregnancy, human reproduction, family planning, prenatal care, labor and birth. Emphasis of this course will address the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of the newborn through age three. The students will be required to participate in a 48-hour baby simulator project.

5775 - CHILD DEVELOPMENT 2 (9-12; .5 credit; Child Development 1)

Child Development 2 is an advanced course in the study of children and occupational child care. An in-depth review of the development stages of children will be followed by the study of curriculum and the set-up and management of an early childhood center. This course will address more complex issues of early childhood education with emphasis on guiding the physical, social-emotional and intellectual development of children, as well as safety, health issues, guidance and discipline, speech, language and nutrition of the young child. Students will develop activities that will address the developmental and individual needs of toddlers and preschool-age children. Students will be required to spend time at the early childhood education building interacting with toddlers through age 5 multiple times per week. A grade of C or better in Child Development 1 is required. In addition to high school credit for this course, the student has an opportunity to receive college credit through UMSL- Ed Psy 2212 (3 credits).

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5778 - CADET TEACHING

(11-12; 1 credit; Concurrent with Child Development 2 OR teacher approval. If the location is not on campus, the student will need to provide their own transportation.)

In this course, students will receive a general introduction in the areas of education and teaching. They will learn the basics of education, educational theories, administration, and the planning process. Students will be required, with assistance, to locate a school within Lindbergh Schools to complete their practicum hours throughout the semester. Students will spend time in the classroom on campus twice a week and two days a week at their practicum location, which will be at other Lindbergh Schools throughout the district. Students will work with teachers, administrators, and other faculty members during their practicum hours. Students will be able to make informed decisions about their future careers after exploring the field of education with this hands-on experience. The class will only be offered during 7th hour. Students who wish to earn 2 credits for this course may enroll for 6th and 7th hour, with the 6th hour class being a sustained practicum placement. *Students may be eligible to receive dual credit in this course. See instructor for additional information.*

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

5745 - Introduction to Sewing

(9-12; .5 credit)

This course is designed for the student with little or no sewing experience, but is interested in developing a life skill of creative sewing. Students will learn the fundamentals of sewing machine and serger operation, alteration of commercial patterns, and basic sewing techniques. Students may be required to supply fabric.

5755 - Sewing 2

(9-12; .5 credit; Intro to Sewing)

This course allows students to review and further develop the sewing skills learned in Introduction to Sewing. They will work with a greater variety of fabrics and more advanced construction techniques. Students may be required to supply fabric.

5690 - FOODS 1

(9-12; .5 credit)

Foods 1 provides an opportunity for students to develop basic food preparation skills. Classroom and lab work experiences emphasize the following topics: safety and sanitation, quick breads, eggs, dairy, microwaves, cookies and nutrition.

5700 - FOODS 2

(9-12; .5 credit; Foods 1 with C or higher)

Foods 2 is a second level course that continues to prepare the student for independent living. Basic food preparation skills, with emphasis on fruits, vegetables, herbs and spices, sauces, yeast breads and pastries, the use and care of kitchen equipment, including knife handling, kitchen sanitation, and proper food handling techniques will be studied.

5715 - INTERNATIONAL CUISINE

(10-12; .5 credit; Foods 2 with C or higher)

International Cuisine students use all of the skills taught in Foods 1 and Food 2 to choose foods from around the world to prepare in class. Not only do students prepare foods from various cultures, they also learn about cultures from around the world while completing their classwork. Students will demonstrate their knowledge learned by completing various projects during the course. There is a lot of room for choice in this class from the types of foods to the types of projects.

5718 - BAKING & PASTRY

(10-12; 0.5 credit; Foods 2 with C or higher)

Once you have learned the basics in Foods 1 and Foods 2, take your baking and pastry knowledge to the next level! In this advanced course, we will make all kinds of pastries! Souffles, cakes, galettes and so much more! We will make sweet and savory food items. You will learn the importance of plating and will use design skills to decorate cakes. There will be a lot of choice from the projects completed to the foods prepared. The culminating project in this class will be a *project that* will allow students to demonstrate the skills learned in this class.

5785 - FASHION AND INTERIOR DESIGN

(9-12; .5 credit)

This course provides the student who has an interest in and passion for fashion or interior design, with the opportunity to explore various dimensions in both studies. Through a variety of activities, students will learn all about the fashion and interior design industry. One quarter will focus on Fashion Design and the next quarter will focus on Interior Design. Students may be required to provide additional supplies. If you enjoy hands-on learning, this is a great opportunity for you!

5790 - RELATIONSHIPS

(9-12; .5 credit)

Relationships is a free thinking class where you'll learn a deeper understanding of real life family, friend, dating and marriage relationships, using self-exploration. This class will help you achieve positive and successful relationships in all aspects of life through activities, group work/projects, and class discussions.

PRACTICAL ARTS: JOURNALISM

JOURNALISM PREREQUISITES

Introduction to Broadcast (9-12)

Introduction to Journalism (9-12)

JOURNALISM ELECTIVES

Broadcast Journalism (10-12)

Sports Broadcast (10-12)

PILOT Newspaper (10-12)

Yearbook (10-12)

JOURNALISM

ELECTIVES

1510 - INTRODUCTION TO BROADCAST

(9-12; .5 credit)

This course is designed to teach students broadcast journalism storytelling, video production, copywriting, and basic photography and will prepare students to be on staff for Broadcast, Sports Broadcast, Newspaper, and Yearbook. Students will get an introduction to a variety of production roles; camera technician, scripting, reporter, anchor, and editor using Adobe Premiere editing software. Students will learn to operate a DSLR camera and broadcast camera along with video composition and will develop photography and videography skills. There will also be an emphasis on the rights, responsibilities and ethics of student journalists. No equipment or previous journalism or photography background is needed. This course counts as a Practical Art or elective credit.

Students must take either Introduction to Journalism or Introduction to Broadcast as a prerequisite for Broadcast, Sports Broadcast, Newspaper and Yearbook. Students have the potential to bypass Intro to Journalism/Broadcast by completing the proficiency application. Please contact Carrie Rapp or Krystle Hoisington for details.

1512 - INTRODUCTION TO JOURNALISM

(9-12; .5 credit)

This course is designed to teach students reporting, interviewing, photography, design, basic writing, and editing skills and will prepare students to be on staff for Broadcast, Sports Broadcast, Newspaper, and Yearbook. Students will learn how to write and edit articles in the areas of news, features, editorials, and sports. Students will learn to operate a DSLR camera using manual settings and will practice photo composition and photography skills including editing using Photoshop. Design elements and design creation using InDesign and eDesign will also be taught. There will also be an emphasis on the rights, responsibilities and ethics of student journalists. No equipment or previous journalism or photography background is needed. This course counts as a Practical Art or elective credit.

Students must take either Introduction to Journalism or Introduction to Broadcast as a prerequisite for Broadcast, Sports Broadcast, Newspaper and Yearbook. Students have the potential to bypass Intro to Journalism/Broadcast by completing the proficiency application. Please contact Carrie Rapp or Krystle Hoisington for details.

1515 - BROADCAST JOURNALISM

(10-12; 1 credit, Prerequisites: Intro to Journalism, Intro to Broadcast or Application)

This course focuses on broadcast journalism storytelling, video production, and copywriting. Students will participate in a variety of production roles; camera technician, scripting, reporter, anchor, and editor. Technical aspects of filming, reporting and editing will be covered. Students will showcase developed understanding of Adobe Premiere editing software. Satisfactory projects will be shared publicly via LindberghLookup.com as well as Lindbergh Journalism's social media platforms (YouTube, Instagram, etc.). This course counts as a Practical Art or elective credit.

1516 - SPORTS BROADCAST

(10-12; 1 credit; Intro to Journalism or Intro to Broadcast or Application)

In this course, students will create video and online content which promotes the athletic programs and athletic events at Lindbergh. Through hands-on, collaborative projects students will develop the skills required for reporting, interviewing, videography, photography, basic writing, and editing. Students will participate in a variety of production roles; camera technician, scripting, reporter, anchor, and editor and will use industry-standard equipment and professional editing software. Projects will be published online and on various social media platforms. After-school work is required. This course counts as a Practical Art or elective credit.

1350 - PILOT NEWSPAPER

(10-12; 1 credit; Intro to Journalism or Intro to Broadcast or Application)

In this course, students produce Pilot, the school newspaper, and content for the website LindberghLookup.com. Students decide editorial content with guidance from editors and an adviser. Students will continue to develop, write and edit stories, take photographs, edit photography, and design/layout pages using Adobe InDesign. The focus is learning advanced writing and photography skills. The Pilot Newspaper will be printed and distributed to the school community and published online via LindberghLookup.com and various Lindbergh Journalism social media platforms. After-school work is required. This course counts as a Practical Art or elective credit.

1340 - YEARBOOK

(10-12; 1 credit; Intro to Journalism or Intro to Broadcast or Application)

In this course, students create the Spirit Yearbook under the guidance of editors and an adviser. Students will continue to develop journalistic writing skills, as well as learn design and photographic composition skills. Students are expected to edit copy and design. Students will work with each other to develop layouts and create and gather all elements necessary for spreads; photographs, captions, graphics, copy and ethics consistent with responsible journalism. After-school work is required. This course counts as a Practical Art or elective credit.

SCIENCE

SUGGESTED PATHS OF STUDY

9th Grade: Biology A, Biology or Biology Honors

10th Grade: Biology B, Physical Science or Chemistry Honors

11th Grade: Physical Science or Science Elective

12th Grade: Science Elective

SCIENCE ELECTIVES

Astronomy (Grades 11-12)

AP Biology (Grades 11-12)

Chemistry (Grades 11-12)

AP Chemistry (Grades 11-12)

Earth Science (Grades 11-12)

Environmental Science Grades 11-12)

AP Environmental Science (Grades 11-12)

Human Anatomy and Physiology (Grades 11-12)

Meteorology (Grades 11-12)

Physics (Grades 11-12)

AP Physics 1 (Grades 11-12)

AP Physics 2 (Grade 12)

AP Physics C: Mechanics (Grade 12)

AP Physics C: Electricity and Magnetism (St. Louis Virtual Campus)

Plant Sciences (Grades 11-12)

Zoology (Grades 11-12)

PLTW BIOMEDICAL SCIENCE ELECTIVES

Principles of Biomedical Science (Grades 9-12)

Human Body Systems (Grades 10-12)

Medical Interventions (Grades 11-12)

Biomedical Innovation (Grade 12)

SCIENCE

REQUIRED

4205 - BIOLOGY A

(9; 1 credit)

This is the first year of a two-year program in Biology for students who have experienced some difficulty in previous science courses. The complete Biology course is divided into two years of study. Along with Biology concepts, fundamental science skills will be taught.

4210 - BIOLOGY B

(10; 1 credit; Biology A)

Biology Part B is the second year of a two year Biology program. With the completion of both Biology Part A and Biology Part B, two units of credit are given toward graduation. For college admission purposes, this two-year program is equivalent to one unit of Biology.

4200 - BIOLOGY

(9; 1 credit)

Biology begins with a discussion of the unique properties of living organisms that set them apart from the non-living components of the environment in which they live. The presentation of molecular and cellular biology follows and gives a background for the concepts of reproduction and genetics. Units dealing with microbiology, multicellular plants, invertebrate animal life, vertebrate animals, and evolution follow. Finally, an overview of the sphere of life on earth is presented. Much time is spent using methods in experimentation and observation, collecting and interpretation of data, followed by drawing of conclusions. This course is a prerequisite for all other biological sciences, and is a good basic course to take before college biology.

4202 - BIOLOGY HONORS

(9; 1 credit; recommended B or better in 8th grade science and math)

This course is recommended for freshmen excelling in science. This is an accelerated introductory biology course which will prepare students to continue in the sequence with Chemistry Honors, AP Biology, AP Chemistry, and/or Physics. In this course, the fundamental concepts of biology are developed. This course covers the same concepts as the Biology course, but in more depth and greater emphasis on outside work.

4100 - PHYSICAL SCIENCE

(10; 1 credit)

Physical Science is a required, two semester course covering basic chemistry first semester and physics concepts second semester. This course serves as a foundation for all students. The topics covered include Newton's laws of physics, momentum, work, energy, electricity, magnetism, classifying matter, chemical reactions, atomic structure, and chemical bonding. This is a hands-on course that is designed to apply the concepts above to real world situations.

4302 - CHEMISTRY HONORS

(10; 1 credit; Honors Biology or Biology, recommended B or better in previous math and science courses)

This course is recommended for students interested in pursuing a career in the science and health fields. Honor Chemistry is the required class for students who plan to enroll in upper-level AP Biology and/or AP Chemistry. In this course, students will make connections to the fundamental laws of chemistry, and acquire the content knowledge and laboratory experience in preparation for the upper-level sciences. The laws of chemistry are presented qualitatively, with much emphasis placed on problem-solving. *Students taking this course may be eligible to receive dual-credit through St. Louis Community College. Students must meet all college entrance requirements and pay all fees associated with Dual-credit.*

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

ELECTIVES

4418 - ASTRONOMY

(11-12; .5 credit; Biology and Physical Science, recommended C or better in Algebra 1 College Prep and concurrent Geometry)

This is a semester course designed for students who want a challenging physics-based college preparatory course in space science. A good grasp of math and application of concepts will allow the student to learn how modern day astronomers study our universe. Some of the topics include star formation, observing the objects beyond our earth, how our sun affects our earth, theoretical discussion on our solar system, galaxy and universe, and current NASA programs and future space exploration. Upon completion of Astronomy, students will have a better appreciation for the universe, as well as our world. Content will be presented through lecture, video, individual and group projects, field trip, labs, and computer based research.

4224 AP BIOLOGY

(11-12; 1 credit; Biology and Chemistry Honors, recommended A or B in Chemistry Honors)

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

4300 - CHEMISTRY

(11-12; 1 credit; Algebra 2 College Prep concurrently)

This course allows chemistry to be understandable and accessible to all students. The emphasis is on the role chemistry plays in everyday life, thus helping the student to better understand the scientific issues affecting our country and the world. Students will be able to make more informed and reasoned decisions on crucial scientific issues. Some of the topics studied are atomic theory, chemical reactions, gas laws, organic chemistry, biochemistry and problem-solving. This course will prepare students to take chemistry in college.

4324 -AP CHEMISTRY

(11-12; 1 credit; Biology, Chemistry Honors and concurrent Pre-Calculus Algebra/Trigonometry, recommended A or B in both Chemistry Honors and Algebra 2 College Prep)

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Units of study include a review and extension of chemistry covered in Chemistry Honors. *Students taking this course may be eligible to receive dual-credit through St. Louis Community College. Students must meet all college entrance requirements and pay all fees associated with Dual-credit.*

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

4120 - EARTH SCIENCE

(11-12; 1 credit; Biology and Physical Science)

Earth Science is designed to be an introductory college course emphasizing basic principles of Geology (rocks), Meteorology (atmosphere), Oceanography and Astronomy (Space). Topics covered include the origin of the Universe, solar system and Earth, minerals and rocks, plate tectonics, geologic time, prehistoric life and evolution, ocean structure and life, weather and climate change. Special attention will be given to the impacts humans are having on Earth, the cause and effects of major natural disasters and Missouri Geology. First semester students will be offered the opportunity to attend a field trip to the St. Francis Mountain region in Southeast Missouri including stops at Elephant Rock, Johnson Shut-Ins and Taum Sauk State Parks. *Students taking this course may be eligible to receive dual-credit through St. Louis Community College. Students must meet all college entrance requirements and pay all fees associated with Dual-credit.*

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

4290 - ENVIRONMENTAL SCIENCE

(11-12; 1 credit; Biology and Physical Science OR teacher recommendation)

This course is for students interested in studying the environment. Environmental Science is the study of the interaction between humans and the environment we live in. Goals of this class include the analysis current environmental problems with a scientific and historical perspective, and to investigate, test, and propose solutions to current environmental problems

Students will learn to use scientific methodologies of environmental scientists to evaluate natural areas, quantify effects of human uses of land, air and water and apply generalizations of basic environmental concepts to specific environmental problems.

The format is very interactive; using projects, lab activities, and field trips to the Gempp outdoor classroom.

4295 - AP ENVIRONMENTAL SCIENCE

(11-12; 1 credit; recommended B or better in previous science courses)

This course is designed to be the equivalent of a college level Environmental Science course. AP Environmental Science (APES) is interdisciplinary, with subject matter ranging from geology, biology, environmental studies, environmental science, chemistry and geography. The course takes a hands-on approach with many activities and labs that include field studies at Gravois Creek and GEMPP Conservation Area. Optional weekend trips to Missouri State Parks and wild rivers will provide outdoor learning opportunities for students. APES typically has more independent homework than general environmental science and moves at a faster pace. Topics covered include biodiversity, endangered species, sustainability, world population, climate and climate change, agriculture, soil, plate tectonics, renewable and non-renewable energy along with aquatic, air and water pollution.

4270 - HUMAN ANATOMY AND PHYSIOLOGY

(11-12; 1 credit; Biology and Physical Science, recommended B or better for previous science courses)

This course is designed for students interested in pursuing a career in health. This course is designed as an introductory course in human anatomy and physiology. Dissection of a cat is mandatory and plays an integral part in reinforcing the material in this course. It is tailored to meet the needs of students in allied health, medical and biology programs. Many body systems are studied, with emphasis placed throughout on presenting the human body as a living, functioning, homeostatic organism. Clinical material and disease processes are introduced where appropriate. Upon completion of Human Anatomy and Physiology, students have a fuller understanding of the role body systems play in the organism and their relationships to each other. This course sets a good foundation for further Human Anatomy and Physiology studies at the college level.

4410 - METEOROLOGY

(11-12; .5 credit; Biology and Physical Science)

Meteorology is a semester course designed to familiarize students with earth's atmosphere and weather events. Fundamental chemistry and physics principles are used to help explain common observed weather phenomena. A combination of laboratory activities, use of weather tools, and data collection are used to make students literate in the process of forecasting weather. Data analysis and mathematical calculations are included.

4400 - PHYSICS

(11-12; 1 credit; Physical Science and concurrent Algebra 2 College Prep)

This course is recommended for all seniors. This course is the study of motion and energy. The topics covered include kinematics, dynamics, momentum, gravity, energy, heat, sound, light, electricity and magnetism, as well as atomic and nuclear physics. The course uses a lab approach to understand concepts. The development of problem solving skills is both quantitative and qualitative.

4402 - AP PHYSICS 1

(11-12; 1 credit; Chemistry Honors and concurrent Precalculus Algebra & Trig)

This course is recommended for juniors and seniors excelling in science, but not necessarily interested in pursuing a career in engineering. This course is an accelerated study of physics and is equivalent to first-semester college course in algebra-based physics. A good background in math is expected as are good problem solving skills. The topics covered include Newtonian mechanics (rotational motion and angular momentum), work, energy, power, mechanical waves, sound, and electric circuits. The course uses lab experiments to understand concepts and includes both quantitative and qualitative problem solving skills. This course allows students to take the AP Physics 1 test at the end of the year as well as continue to AP Physics 2.

4403 - AP PHYSICS 2

(12; 1 credit; AP Physics 1)

This course is a continuation of AP Physics 1 and is equivalent to a second-semester college course in algebra based physics. The topics covered include fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. An emphasis will be placed on problem solving of multiple step and multiple concept questions. The course uses lab experiments to understand concepts and includes both quantitative and qualitative problem solving skills. This course allows students to take the AP Physics 2 test at the end of the year.

4405 - AP PHYSICS C: MECHANICS

(12; 1 credit; Chemistry Honors and concurrent AP Calculus)

This course is recommended for seniors excelling in math and science. Students may be interested in a career in math, science, or engineering. This course is an accelerated study of physics and is equivalent to a first-semester college course in calculus-based physics. An excellent background in math is expected as are good problem solving skills. The topics covered include kinematics, Newton's laws of motion, energy and power, momentum, circular motion and rotation, and oscillations and gravitation. The courses use lab experiments to understand concepts and include advanced problem solving skills, which may be calculus based. This course allows students to take the AP Physics C: Mechanics test at the end of the year.

4407 - AP PHYSICS C: ELECTRICITY AND MAGNETISM (St. Louis Virtual Campus)

AP Physics C: Electricity and Magnetism is a one-semester course. It is the second of a two-course sequence that is equivalent to a first-semester college course in calculus-based physics sequence taken by science and engineering students at most colleges and universities. Course topics include conductors, capacitors and dielectrics, electric circuits, magnetic fields, and electromagnetism. Students who enroll in this class may receive college credit through successful performance on the AP Physics C: Electricity and Magnetism College Board examination. This course is offered through St. Louis Virtual Campus so please contact your counselor if you are interested in registering for this course.

4122 - PLANT SCIENCES

(11-12; .5 credit; Biology and Physical Science)

This second semester course is designed for students seeking an engaging introduction to plant sciences that blends biology, ecology, and sustainability. A strong interest in the natural world and its applications will enable students to explore the vital role of plants in agriculture, ecosystems, and human society. Topics include plant morphology and anatomy, classification and evolution of plant species, and the ecological and economic significance of plant communities. Students will deepen their understanding through activities such as seasonal field collections, flower and fruit dissections, and discussions on sustainability and AgTech innovations. Upon completion, students will have a greater appreciation for the plant kingdom and its critical role in sustaining life. Content will be delivered through lectures, hands-on projects, fieldwork, and labs.

4240 - ZOOLOGY

(11-12; .5 credit; Biology and Physical Science)

This first semester course offers an engaging introduction to zoology that blends biology, ecology, and conservation science. Designed for students fascinated by wildlife and ecosystems, the course explores the intricate anatomy, behaviors, and evolutionary adaptations of animals. Topics include animal physiology, behavioral ecology, and the classification and diversity of species within the animal kingdom. Students will deepen their understanding through hands-on experiences, such as observing species in the lab and in their natural habitats, conducting specimen dissections, and exploring wildlife conservation projects. Upon completion, students will gain a deeper appreciation for the animal kingdom and the importance of biodiversity. Content will be delivered through lectures, fieldwork, dissections, and collaborative projects.

PLTW BIOMEDICAL SCIENCE ELECTIVES

5570 - PRINCIPLES OF BIOMEDICAL SCIENCE (Year 1 of 4 Biomedical Sequence)

(9-12; 1 credit)

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems. Students taking this course may be eligible to receive dual-credit through Missouri University of Science and Technology. Students must meet all college entrance requirements and pay all fees associated with dual-credit.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**5572 - HUMAN BODY SYSTEMS (Year 2 of 4 Biomedical Sequence)
(10-12; 1 credit; Principles of Biomedical Science)**

Students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. This course will count as a practical art credit. Students taking this course may be eligible to receive dual-credit through Missouri University of Science and Technology. Students must meet all college entrance requirements and pay all fees associated with dual-credit.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**5574 - MEDICAL INTERVENTIONS (Year 3 of PLTW Biomedical Science Sequence)
(11-12; 1 credit; Human Body Systems)**

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Honors credit will be awarded for an A, B, or C in this course.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**5576 - BIOMEDICAL INNOVATION (Year 4 of PLTW Biomedical Science Sequence)
(12; 1 credit; Medical Interventions)**

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution. Honors credit will be awarded for an A, B, or C in this course.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

SOCIAL STUDIES

SUGGESTED PATHS OF STUDY

9th Grade: World History or World History Honors

10th Grade: U.S. Government and Politics or AP U.S. Government and Politics

11th Grade: U.S. History, U.S. History PBL or AP U.S. History

12th Grade: Social Studies Elective

SOCIAL STUDIES ELECTIVES

AP Comparative Government & Politics/ International Relations (Grades 11-12)

AP Human Geography (Grades 11-12)

AP Psychology (Grades 11-12)

AP World History (Grades 11- 12)

Contemporary Issues (Grades 11-12)

General Psychology (Grades 11-12)

Humanities (Grades 11-12)

Sociology (Grades 11-12)

U.S. Law and Society (Grades 11-12)

Women in American History (Grade 11-12)

SOCIAL STUDIES

REQUIRED

2200 - WORLD HISTORY

(9; 1 credit)

World History is a regional and chronological full-year study of the social, political, economic, technological, and geographic characteristics of world history between 1350 and present day. The first semester includes regional studies of the world pre-exploration, the first global age, and World War I. The second semester begins with World War II and then continues a regional approach examining the Middle East, Africa, Asia, Europe and the Americas including contemporary issues affecting these regions. At the end of the course, students will be able to answer the following questions: How has the changing relationship between human beings and the physical and natural environment has affected human life from early times to present? Why have relations among humans become so complex since early times? How have human views of the world, nature, and the cosmos changed over time? While covering the course material, students will develop skills such as writing, researching, communication, and inquiry.

2202 - WORLD HISTORY HONORS

(9; 1 credit)

In addition to the requirements of the World History course, the honors sections are characterized by more emphasis on analysis of historical documents, the evaluation of various perspectives and theories, and the development and defense of positions on historical debates through written and oral presentations. Students are expected to be independent readers willing to think critically about course material.

2500 - U.S. GOVERNMENT AND POLITICS

(10; 1 credit)

This course is a full year of the political, economic, and legal system of the United States, Missouri, and the St. Louis region. Particular focus is given to the constitutions of the United States and the state of Missouri; it is required by law for students to pass the Constitution tests for graduation from high school. In addition to the specifics of our political structures, topics included are the capitalist economic system, domestic policy, and foreign policy. This course is designed with emphasis on the development of inquiry and communication skills. The U.S. constitution test is administered during first semester and the Missouri Constitution test is administered during second semester.

2490 - AP U.S. GOVERNMENT AND POLITICS

(10; 1 credit)

This course will provide students with an analytical perspective on United States Government and Politics. The course includes both a study and interpretation of general concepts and specific examples in United States Government and Politics. The following topics will be covered in this course: The United States Constitution, Political Beliefs and Behaviors, Interest Groups and the Mass Media, United States Government Institutions, Public Policy and Civil Rights and Civil Liberties. This course is designed to challenge students with university level course work that will develop their reading, writing, and analytical and time management skills. Students will be expected to take the AP exam at the end of the year. The United States and Missouri Constitution tests are both administered during second semester and are required for graduation from high school.

2220 - U.S. HISTORY

(11; 1 credit)

United States History is a yearlong study of the political, economic and social developments that have shaped the nation. The course follows a chronological approach, also drawing clear connections among events and movements related to themes such as equality, economic, and foreign policy. Students will continue to improve their inquiry and communications skills while becoming informed, active citizens of the United States.

2225 - U.S. HISTORY PBL

(11; 1 credit)

In this required course, the design will be different than in a traditional American history course. Students will use historical themes to learn the major concepts in American history. Every unit students will complete a project and utilize available resources to solve a historical problem or situation. Unit projects will be presented every unit, and students should be prepared to present to their class and/or a larger audience.

2250 - AP U.S. HISTORY

(11; 1 credit)

In addition to the requirements of United States History course, the honors sections are characterized by more work emphasizing the analysis of historical documents, the evaluation of various perspectives and theories, and the development and defense of positions on historical debates through written and oral presentations. This course will prepare students to take the Advanced Placement exam. *Students taking this course may be eligible to receive dual-credit through St. Louis Community College. Students must meet all college entrance requirements and pay all fees associated with dual-credit*

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

ELECTIVES

2495 - AP COMPARATIVE GOVERNMENT & POLITICS/INTERNATIONAL RELATIONS

(11-12; 1 credit)

AP Comparative Government and Politics/International Relations is a global politics course that combines two classes: International Relations, taught as a dual credit class through St. Louis Community College (PSC 201), and Advanced Placement Comparative Government and Politics. The first semester of the course is International Relations. This semester looks at the politics and policies among nations. Topics include theories of international politics, levels of foreign policy analysis, conflict and peace, terrorism, international political economy, as well other areas of conflict and cooperation, such as human rights, environment, and development. The second semester of the course is AP Comparative Government and Politics. Second semester examines the political institutions and processes of six different countries—China, Iran, Mexico, Nigeria, Russia, and the United Kingdom—and compares the ways they address problems. Students will analyze data and readings to draw conclusions about political systems.

By completing the requirements set by the political science department at St. Louis Community College and/or earning a qualifying score on the Advanced Placement exam in May, students may earn college credit for both semesters of this course.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

2401 - AP HUMAN GEOGRAPHY

(11-12; 1 credit)

AP Human Geography introduces the study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will learn about the methods and tools geographers use in their discipline. Other key content areas include population, cultural patterns and process, the political organization of spaces, agricultural and rural land use, industrialization and economic development, cities, and urban land use. The fundamental concepts of location, space, scale, place, pattern, regionalization, and globalization will be used and applied. Students will be expected to take the AP exam at the end of the year.

2431 - AP PSYCHOLOGY

(11-12; 1 credit; teacher approval for 11th-graders)

AP Psychology will take an advanced look at human behavior and our mental processes. This course includes the application of methodology, research and discussion. Topics studied will include: sensation, perception, memory, learning, thinking, motivation, social development, personality assessment, and psychological disorders. Students will be expected to take the AP exam at the end of the year.

2605 - AP WORLD HISTORY

(11-12; 1 credit)

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

2410 - CONTEMPORARY ISSUES

(11-12; .5 or 1 credit)

This course provides students with background knowledge about major international and domestic issues commonly found in the news media. Students will study and understand various philosophies that help create their political, economic, and social institutions. Sample topics include: Should the United States military intervene in violent conflict abroad? Is capital punishment just? What is the United States Government's responsibility in protecting the global environment? Rational discussion of the issues is an integral part of the course. Contemporary Issues may properly be regarded as a study of values in conflict; it is not merely a study of current events. The first semester of this course primarily addresses international issues, and the second semester addresses domestic issues.

2430 - GENERAL PSYCHOLOGY

(11-12; 1 credit)

General Psychology takes a practical approach to human behaviors and mental processes while emphasizing everyday application of basic concepts. Subjects include: neurology, sensation and perception, learning, development, personality theory, states of consciousness, abnormal psychology and social psychology.

2461 - HUMANITIES

(11-12; .5 or 1 credit)

Humanities is the study of the human condition and how human cultures have impacted each other over time. During the first semester, students learn about the ancient cultures of the past to see how they have directly influenced our own culture. From Mesopotamia and Egypt to the Greeks and Romans, students take an in-depth look at the literature, architecture, music, and art from these eras to discover who these people were and what their cultural impact has been. Second semester starts with an examination of art and music history. From the genius of Da Vinci to the inspiring works on Mozart and Beethoven, students discover some of the most culturally significant pieces of art and music ever created. Second semester finishes up with analysis of newly emerging art forms in our own country, such as the movie and film industry and the birth of Rock and Roll. Humanities will count as a Fine Art credit.

2450 - SOCIOLOGY

(11-12; .5 credit)

This course is an introduction to the foundations and applications of the field of sociology. The course is divided into six units which examine the primary issues and concerns with which sociologists work. The course also investigates social problems and examines a variety of suggested solutions to these problems. Additionally, the course is designed to familiarize the student with social science research methods and will require the student to conduct his/her own research in a field of interest.

2340 - U.S. LAW AND SOCIETY**(11-12; .5 credit)**

Law and Society is a one-semester elective that engages students in an exploration of the United States Law and its role in their lives. Students will analyze legal issues and problems and think critically to develop their own solutions. Students will participate in the law process through a variety of exercises and be encouraged to take an active role in our legal system.

2355 - WOMEN IN AMERICAN HISTORY**(11-12; .5 credit; U.S. History, teacher approval for 11th-graders)**

This course seeks to explore what has (and has not) changed for American women from the founding of the country through present day. By looking historically at the ideas and experiences of women in the United States, from the 1600s through to current times, this course will synthesize the experience of the American woman. The goal will be to understand not just what women have done but also how many fundamental moments and issues in US history – including the formation of the early republic, religious revival movements, reform crusades, slavery, war and race relations – have hinged on certain notions of gender. Studying women's history also means being aware of the way women have been divided by class, race, ethnicity, and more, and that while the voices of white, elite women tend to predominate, the experiences of less privileged women and women of color have also had significant effects on shaping the American past, present, and future.

WORLD LANGUAGE

SUGGESTED PATHS OF STUDY

In order to gain credit for a world language course, a student must complete the first and second semester of the language in the same academic year. Failure to pass the second semester of the language requires the student to repeat the entire year of the language.

A student planning to enroll in a four year college or university is strongly encouraged to complete a minimum of two or more levels of a world language in order to meet university entrance requirements. These levels should be consecutive levels in the same language. Students successfully completing level 1, at the middle school or high school, should enroll in level 2 or level 2 Honors to fulfill university entrance requirements.

WORLD LANGUAGE ELECTIVES

French 1 (Grades 9-12)

French 2, French 2 Honors (Grades 9-12)

French 3, French 3 Honors (Grades 10-12)

French 4, French 4 Honors (Grades 11-12)

French 5, AP French 5, (Grade 12)

German 1 (Grades 9-12)

German 2, German 2 Honors (Grades 9-12)

German 3, German 3 Honors (Grades 10-12)

German 4, German 4 Honors (Grades 11-12)

German 5, AP German 5, (Grades 11-12)

Spanish 1 (Grades 9-12)

Spanish 2, Spanish 2 Honors (Grades 9-12)

Spanish 3, Spanish 3 Honors (Grades 10-12)

Spanish 4, Spanish 4 Honors (Grades 11-12)

Spanish 5, AP Spanish 5, (Grades 11-12)

Chinese 1 (St. Louis Virtual Campus)

Chinese 2 (St. Louis Virtual Campus)

American Sign Language 1 (St. Louis Virtual Campus)

American Sign Language 2 (St. Louis Virtual Campus)

WORLD LANGUAGE

ELECTIVES

7210 - FRENCH 1 (9-12; 1 credit)

The student learns elementary skills in listening, speaking, reading and writing French. Students will learn to communicate at a novice level through short dialogues and pictures depicting life situations. Basic grammatical concepts are taught and reinforced by oral and written exercises. Technology and authentic materials introduce students to the daily life of people in French-speaking countries.

7220 - FRENCH 2 (9-12; 1 credit; French 1)

The emphasis shifts in this level to increase the student's range of expression for both oral and written communication at a novice level. There is a more intensive study of the basic grammatical structure of the language with increased emphasis on reading and listening comprehension. There is a correspondingly increased emphasis on reading and writing, as well as speaking French. The student's knowledge of various French-speaking countries and their culture is expanded through technology based research, through class discussions and a variety of authentic materials. A grade of C or better in French 1 is strongly recommended for French 2.

7222 - FRENCH 2 HONORS (9-12; 1 credit; French 1)

The emphasis shifts in this level to increase the student's range of expression for both oral and written communication at a novice/intermediate level. There is a more intensive study of the basic grammatical structure of the language with increased emphasis on reading and listening comprehension. There is a correspondingly increased emphasis on reading and writing, as well as speaking French. The student's knowledge of various French-speaking countries and their culture is expanded through technology based research, through class discussion and a variety of authentic materials. This course goes beyond the work of the French 2 class, progressing at an accelerated pace. There is also an increased emphasis on all communication skills. It is recommended only for motivated students who desire a greater academic challenge. This course is the initial step in the AP/1818 Honors Program. A grade of B or better in French 1 is strongly recommended for French 2 Honors.

7230 - FRENCH 3 (10-12; 1 credit; French 2)

The level 3 student will expand and improve communication skills in French while continuing the study of basic grammar at an intermediate level. There is an increased emphasis on the reading of authentic material and more involved writing assignments. Increased reliance on French as the means of communication in the classroom is emphasized. Technology and authentic materials enhance the student's knowledge of the French-speaking cultures. A grade of C or better in French 2 is strongly recommended for French 3.

7232 - FRENCH 3 HONORS (10-12; 1 credit; French 2 or French 2 Honors)

The level 3 student will expand and improve communication skills in French while continuing the study of basic grammar at an intermediate level. There is an increased emphasis on the reading of authentic material and more involved writing assignments. Increased reliance on French as the means of communication in the classroom is emphasized. Technology and authentic materials enhance the student's knowledge of the French-speaking cultures. This is a continuation of the accelerated program begun in the second level of the Honors Program. This honors course is to prepare students for the AP/1818 program. It is recommended for highly motivated students. Selected works are studied and discussed in the target language to increase language skills and expose students to contemporary language and cultures. A grade of B or better in French 2 or French 2 Honors is strongly recommended for French 3 Honors.

7241 - FRENCH 4
(11-12; 1 credit; French 3)

At an intermediate level, the student will learn how to deal with a greater variety of topics and task. This course is intended to give the student further practice in developing conversational and writing skills. Various types of authentic material and technology help to improve listening and reading skills. Basic grammar concepts are reviewed and higher-level concepts are presented. Emphasis is placed on the practical application of the language and appreciation of French speaking cultures. A grade of C or better in French 3 or French 3 Honors is strongly recommended for French 4.

7242 - FRENCH 4 Honors (Pre AP)
(11-12; 1 credit; French 3 Honors)

This is the first level of a two-year advanced course designed to prepare the student to meet the requirements of the AP/1818 Honors Program. The student increases proficiency in all of the basic skills emphasized in the French 4 class at an intermediate level and may reach the pre-advanced level. Various forms of French literature and other authentic materials studied are accessible through technology intensive practice in extemporaneous speaking and in composition enhancing communication and comprehension skills. There is a systematic review of basic French grammar as well as the introduction of grammatical fine points with a continued emphasis on the knowledge of French life and culture. In addition to high school credit for this course, the student has an opportunity to receive college credit during both semesters. A grade of B or better in French 3 Honors is strongly recommended for French 4 Honors.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

7260 - FRENCH 5
(12; 1 credit; French 4 or French 4 Honors)

This course will challenge the student who is interested in further improving oral proficiency and knowledge of French culture. Emphasis is placed on the practical application of the language and a topical approach is used to stimulate discussions. Authentic material and technology are used to give the student further practice in the skills of speaking, listening, reading and writing at an intermediate level and possibly a pre-advanced level. The target language is utilized to give the student the maximum opportunity to learn the language. A grade of C or better in French 4 or French 4 Honors is strongly recommended for French 5.

7251 - AP FRENCH 5
(12; 1 credit; French 4 Honors)

This is the second level of the two year advanced course that completes the AP/1818 Honors Program. This course will challenge the student who is interested in further improving oral proficiency skills and knowledge of French culture, while preparing oneself to take the AP and IB exams. Critical-thinking skills are further developed through the study of French civilization, culture, and literature. Classroom discussions and activities are conducted in French and the student performs at an intermediate/pre-advanced level. Regular assignments will include oral exposes, discussions, and composition work to further the student's ability to understand spoken French in various contexts and to acquire an active, extensive vocabulary for self-expression. Authentic material, including newspapers, magazines and audio/video technology are used. In addition to high school credit for this course, the student has an opportunity to receive college credit. A grade of B or better in French 4 Honors is strongly recommended for AP French 5.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

7610 - GERMAN 1
(9-12; 1 credit)

The student learns elementary skills in listening, speaking, reading, and writing German. Students will learn to communicate at a novice level through short dialogues and pictures depicting life situations. Basic grammatical concepts are taught and reinforced by oral and written exercises. Technology and authentic materials introduce students to the daily life of people in German-speaking countries.

7620 - GERMAN 2
(9-12; 1 credit; German 1)

The emphasis shifts in this level to increase the student's range of expression for both oral and written communication at a novice level. There is a more intensive study of the basic grammatical structure of the language with increased emphasis on reading and listening comprehension. There is a correspondingly increased emphasis on reading and writing, as well as speaking German. The student's knowledge of various German-speaking countries and their culture is expanded through technology-based research, through class discussion and a variety of authentic materials. A grade of C or better in German 1 is strongly recommended for German 2.

7622 - GERMAN 2 HONORS
(9-12; 1 credit; German 1)

The emphasis shifts in this level to increase the student's range of expression for both oral and written communication at a novice/intermediate level. There is a more intensive study of the basic grammatical structure of the language with increased emphasis on reading and listening comprehension. There is a correspondingly increased emphasis on reading and writing, as well as speaking German. The student's knowledge of various German-speaking countries and their culture is expanded through technology-based research, through class discussion and a variety of authentic materials. This course goes beyond the work of the German 2 class, progressing at an accelerated pace. There is also an increased emphasis on all communication skills. It is recommended only for motivated students who desire a greater academic challenge. This course is the initial step in the AP/1818 Honors Program. A grade of B or greater in German 1 is strongly recommended for German 2 Honors.

7630 - GERMAN 3
(10-12; 1 credit; German 2)

The level 3 student will expand and improve communication skills in German while continuing the study of basic grammar at an intermediate level. There is an increased emphasis on the reading of authentic materials and more involved writing assignments. Increased reliance on German as the means of communication in the classroom is emphasized. Technology and authentic materials enhance the student's knowledge of German-speaking cultures. A grade of C or better in German 2 or German 2 Honors is strongly recommended for German 3.

7632 - GERMAN 3 HONORS
(10-12; 1 credit; German 2 or German 2 Honors)

The level 3 student will expand and improve communication skills in German while continuing the study of basic grammar at an intermediate level. There is an increased emphasis on the reading of authentic materials and more involved writing assignments. Increased reliance on German as the means of communication in the classroom is emphasized. Technology and authentic materials enhance the student's knowledge of German-speaking cultures. This course is a continuation of the accelerated program begun in the second level of the Honors Program. This honors course is to prepare students for the AP/1818 program. It is recommended for highly motivated students. Selected works are studied and discussed in the target language to increase language skills and expose students to contemporary language and cultures. A grade of B or better in German 2 or German 2 Honors is strongly recommended for German 3 Honors.

7641 - GERMAN 4

(11-12; 1 credit; German 3)

At an intermediate level, the student will learn how to deal with a greater variety of topics and tasks. This course is intended to give the student further practice in developing conversational and writing skills. Various types of authentic material and technology help to improve listening and reading skills. Basic grammar concepts are reviewed and higher level concepts are presented. Emphasis is placed on the practical application of the language and appreciation of German-speaking cultures. A grade of C or better in German 3 or German 3 Honors is strongly recommended for German 4.

7642 - GERMAN 4 Honors (Pre AP)

(11-12; 1 credit; German 3 Honors)

This is the first level of a two-year advanced course designed to prepare the student to meet the requirements of the AP/1818 Honors Program. The student increases proficiency in all of the basic skills emphasized in the German 4 class at an intermediate level and may reach the pre-advanced level. Various forms of German literature and other authentic materials studied are accessible through technology. Intensive practice in extemporaneous speaking and in the introduction of grammatical fine points with a continued emphasis on the knowledge of German life and culture. In addition to high school credit for this course, the student has an opportunity to receive college credit during both semesters. A grade of B or better in German 3 Honors is strongly recommended for German 4 Honors.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

7651 - GERMAN 5

(11-12; 1 credit; German 4)

This course will challenge the student who is interested in further improving oral proficiency and knowledge of German culture. Emphasis is placed on the practical application of the language and a topical approach is used to stimulate discussions. Authentic material and technology are used to give the student further practice in the skills of speaking, listening, reading and writing at an intermediate level and possibly a pre-advanced level. The target language is utilized to give the student the maximum opportunity to learn the language. A grade of C or better in German 4 or German 4 Honors is strongly recommended for German 5.

7652 - AP GERMAN 5

(11-12; 1 credit; German 4 Honors)

This is the second level of the two year advanced course that completes the AP/1818 Honors Program. This course will challenge the student who is interested in further improving oral proficiency skills and knowledge of German culture, while preparing oneself to take the AP and IB exams. Critical-thinking skills are further developed through the study of German civilization, culture, and literature. Classroom discussion and activities are conducted in German and the student performs at an intermediate/pre-advanced level. Regular assignments will include oral exposes, discussions, and composition work to further the student's ability to understand spoken German in various contexts and to acquire an active, extensive vocabulary for self-expression. Authentic materials, including newspapers, magazines and audio/video technology are used. In addition to the high school credit for this course, the student has an opportunity to receive college credit. A grade of B or better in German 4 Honors is strongly recommended for AP German 5.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

**7510 - SPANISH 1
(9-12; 1 credit)**

The student learns elementary skills in listening, speaking, reading, and writing Spanish. Students will learn to communicate at a novice level through short dialogues and partner practice. Basic grammatical concepts are taught and reinforced by oral and written exercises. Technology and authentic material introduce students to daily life of people in Spanish-speaking countries.

**7520 - SPANISH 2
(9-12; 1 credit; Spanish 1)**

The emphasis shifts in this level to increase the student's range of expression for both oral and written communication at a novice level. There is a more intensive study of the basic grammatical structure of the language with increased emphasis on reading and listening comprehension. There is a correspondingly increased emphasis on reading and writing, as well as speaking Spanish. The student's knowledge of various Spanish-speaking countries and their culture is expanded through technology-based research, through class discussion and a variety of authentic materials. A grade of C or better in Spanish 1 is strongly recommended for Spanish 2.

**7522 - SPANISH 2 HONORS
(9-12; 1 credit; Spanish 1)**

The emphasis shifts in this level to increase the student's range of expression for both oral and written communication at a novice/intermediate level. There is a more intensive study of the basic grammatical structure of the language with increased emphasis on reading and listening comprehension. There is a correspondingly increased emphasis on reading and writing, as well as speaking Spanish. The student's knowledge of various Spanish-speaking countries and their culture is expanded through technology-based research, class discussions, and a variety of authentic materials. This course goes beyond the work of the Spanish 2 class, progressing at an accelerated pace. There is also an increased emphasis on all communication skills. It is recommended only for motivated students who desire a greater academic challenge. This course is the initial step in the AP/1818 Honors Program. A grade of B or better in Spanish 1 is strongly recommended for Spanish 2 Honors.

**7530 - SPANISH 3
(10-12; 1 credit; Spanish 2)**

The level 3 student will expand and improve communication skills in Spanish while continuing the study of basic grammar at an intermediate level. There is an increased emphasis on the reading of authentic material and more involved writing assignments. Increased reliance on Spanish as the means of communication in the classroom is emphasized. Technology and authentic materials enhance the student's knowledge of Spanish-speaking cultures. A grade of C or better in Spanish 2 or Spanish 2 Honors is strongly recommended for Spanish 3.

**7532 - SPANISH 3 HONORS
(10-12; 1 credit; Spanish 2 or Spanish 2 Honors)**

The level 3 student will expand and improve communication skills in Spanish continuing the study of basic grammar at a novice/intermediate level. There is an increased emphasis on the reading of authentic materials and more involved writing assignments. Increases reliance on Spanish as the means of communication in the classroom is emphasized. Technology and authentic materials enhance the student's knowledge of Spanish-speaking cultures. This course is a continuation of the accelerated program begun in the second level of the Honors Program. This honors course is to prepare students for the AP/1818 program. It is recommended for highly motivated students. Selected works are studied and discussed in the target language to increase language skills and expose students to contemporary language and cultures. A grade of B or better in Spanish 2 or Spanish 2 Honors is strongly recommended for Spanish 3 Honors.

7541 - SPANISH 4**(11-12; 1 credit; Spanish 3)**

At an intermediate level, the student will learn how to deal with a greater variety of topics and tasks. This course is intended to give the student further practice in developing conversational and writing skills. Various types of authentic material and technology help to improve listening and reading skills. Basic grammar concepts are reviewed and higher-level concepts are presented. Emphasis is placed on the practical application of the language and appreciation of Spanish-speaking cultures. A grade of C or better in Spanish 3 or Spanish Honors is strongly recommended for Spanish 4.

7542 - SPANISH 4 Honors (Pre AP)**(11-12; 1 credit; Spanish 3 Honors)**

This is the first level of a two-year advanced course designed to prepare the student to meet the requirements of the AP/1818 Honors Program. The student increases proficiency in all of the basic skills emphasized in the Spanish 4 class at an intermediate level and may reach the pre-advanced level. Various forms of Spanish Literature and other authentic materials studied are accessible through technology. Intensive practice in extemporaneous speaking and in composition enhances communication and comprehension skills. There is a systematic review of basic Spanish grammar as well as the introduction of grammatical fine points with a continued emphasis on the knowledge of Spanish life and culture. In addition to high school credit for this course, the student has an opportunity to receive college credit during both semesters. A grade of B or better in Spanish 3 Honors is strongly recommended for Spanish 4 Honors.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

7551 - SPANISH 5**(11-12; 1 credit; Spanish 4)**

This course will challenge the student who is interested in further improving oral proficiency and knowledge of Spanish-speaking cultures. Emphasis is placed on the practical application of the language and a topical approach is used to stimulate discussions. Authentic material and technology are used to give the student further practice in the skills of speaking, listening, reading and writing at an intermediate level, and possibly a pre-advanced level. The target language is utilized to give the student the maximum opportunity to learn the language. A grade of C or better in Spanish 4 Honors or Spanish 4 is strongly recommended.

7553 - AP SPANISH 5**(11-12; 1 credit; Spanish 4 Honors)**

This is the second level of a two-year advanced course that completes the AP/1818 Honors Program. This course will challenge the student who is interested in further improving oral proficiency skills and knowledge of Spanish-speaking cultures, while preparing oneself to take the AP and IB exams. Critical-thinking skills are further developed through the study of Spanish civilization, culture, and literature. Classroom discussion and activities are conducted in Spanish and the student performs at an intermediate/pre-advanced level. Regular assignments will include oral exposes, discussions, and composition work to further the student's ability to understand spoken Spanish in various contexts, and to acquire an active, extensive vocabulary for self-expression. Authentic materials, including newspapers, magazines, and audio/video technology are used. In addition to high school credit for this course, the student has an opportunity to receive college credit. Additional outside texts may be necessary to be purchased. A grade of B or better in Spanish 4 Honors is strongly recommended.

Dual credit eligibility is subject to change based on partnership agreements with the postsecondary institution and student eligibility criteria established by the Missouri Coordinating Board for Higher Education.

ST. LOUIS VIRTUAL CAMPUS

St. Louis Virtual Campus allows students to access specialized and upper-level, asynchronous, online courses. Students will access their courses utilizing Schoology, St. Louis Virtual Campus's learning management system. Communication with the instructor and other students is done primarily via electronic communication (email, chats, discussion boards, etc.). Teachers may schedule online meetings (via Zoom or Google Meet), if needed.

St. Louis Virtual Campus allows students a flexible, online alternative to extend and enrich learning, as well as complete a portion of their high school course work. Classes will be designed to meet a variety of learning styles and needs.

7710 - CHINESE 1 (St. Louis Virtual Campus)

Chinese 1 will introduce the students to the basic components of Mandarin Chinese through theme-based content and activities. Pinyin Romanization, simplified forms of Chinese characters and basic grammar patterns, as well as functional everyday expressions will be taught within the living context of Chinese culture. This course is designed for students who wish to develop skills in understanding, speaking, reading, and writing in Mandarin Chinese. Topics will start from self-introduction and develop to students' immediate surroundings such as school, family and daily life. Cultural components will be taught through movies, video, songs, crafts, festival celebrations and geographic context. This course is offered through St. Louis Virtual Campus so please reach out to your counselor if you wish to register for this course. The St. Louis Virtual Campus is taught via an asynchronous online format

7720 - CHINESE 2 (St. Louis Virtual Campus)

Chinese 2 is the second year of the Chinese language program. It is designed for those who successfully completed Chinese 1. In this course, students will continue to develop their basic listening, speaking, reading, and writing skills through the use of authentic materials. Students will develop their cultural understanding and appreciation through comparisons of different regions in China as well as between China and the United States of America. By the end of the year, students are expected to be able to engage in basic daily conversation using accurate tones and pronunciation, read simple texts, and write for daily needs. The St. Louis Virtual Campus is taught via an asynchronous online format

7110 - AMERICAN SIGN LANGUAGE 1 (St. Louis Virtual Campus)

American Sign Language (ASL) 1 is an introduction to the most widely used sign language in the United States. Students will study the basic vocabulary, structure, syntax and grammar of ASL. Students will focus on mastering the basics of finger spelling, facial grammar and sentence structure; and will also learn conversational/cultural behaviors necessary to hold a beginning-level conversation in ASL, with deaf/hard-of-hearing native users of the language. Introductory information about deaf culture will also be presented to provide students with a broad picture of language and culture. This course is intended for students that have little to no experience with ASL. The St. Louis Virtual Campus is taught via an asynchronous online format

7120 - AMERICAN SIGN LANGUAGE 2 (St. Louis Virtual Campus)

American Sign Language (ASL) 2 is a continuation to the most widely used sign language in the United States. Students will study the basic vocabulary, structure, syntax and grammar of ASL. Students will focus on mastering the basics of finger spelling, facial grammar and sentence structure; and will also learn conversational/cultural behaviors necessary to hold a beginning-level conversation in ASL, with deaf/hard-of-hearing native users of the language. Information about deaf culture will also be presented to provide students with a broad picture of language and culture. Subsequent levels of this course will be dependent on student enrollment. The St. Louis Virtual Campus is taught via an asynchronous online format