

# REGISTRATION HANDBOOK



LUTHERAN HIGH SCHOOL  
OF ST. CHARLES COUNTY  
2018/2019

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# **2018-2019 Registration Handbook**

**Lutheran High School  
5100 Mexico Rd.  
St. Peters, MO 63376**

## **Our Mission Statement**

*(What we do)*

**Empowered by the Gospel of Jesus Christ, Lutheran High School nurtures spiritual, academic and personal growth equipping its students for a life of Christian service.**

## **Our Core Values**

*(Who we are)*

**We value quality Christian education.  
We value faithfulness to God's Word and the Lutheran Confessions.  
We value excellence for all areas of school life.  
We value developing and modeling Christian character.  
We value a caring and nurturing community.  
We value servant leadership in service for others.  
We value establishing and fostering respectful relationships.  
We value an environment of innovation and discovery.**

## **Our Vision Statement**

*(Where we are going)*

**We envision utilizing God's blessings in partnership with our families, congregations and community, to be a dynamic leader in academic excellence and Christian service.**

## **The Lutheran High School Association Congregations**

**Chapel of the Cross - St. Peters, Child of God - O'Fallon,  
Holy Cross - O'Fallon, Immanuel - St. Charles,  
Immanuel - Wentzville, Messiah - Weldon Spring  
Our Savior - St. Charles, Trinity - Orchard Farm  
Zion - Harvester**

## Statement of Nondiscrimination

Lutheran High School of St. Charles County (LHS) exists for the purpose of providing a Lutheran/Christian secondary education to the students of the greater St. Charles/St. Louis County areas. Lutheran High admits students of any race, color, national and ethnic origin and grants all the rights, privileges, programs, and activities generally accorded or made available to students of the school. It does not discriminate on the basis of race, color, national or ethnic origin in administration of educational policies, admissions policies, scholarship and financial aid programs and athletic and other school administered programs.

## Statement of Belief

LHS is part of the Lutheran Church – Missouri Synod (LCMS). The LCMS is a mission-oriented and Bible-based denomination that confesses the historical, orthodox Christian faith in the Triune God, Father, Son and Holy Spirit, a faith built on “the foundation of the apostles and prophets, Christ Jesus himself being the cornerstone” (Ephesians 2:20). We believe without reservation that the Scriptures of the Old and the New Testament are the written Word of God and the only rule and norm of faith and of practice. In addition, the LCMS accepts without reservation the writings contained in the *Book of Concord: The Confessions of the Evangelical Lutheran Church*. Ministries of the LCMS are self-governed and operate according to their own constitution and bylaws. The Constitution and bylaws of LHS govern our decision-making and policies. A copy is available upon request.

## Academic Program

### Basic Curriculum

Lutheran High School is fully accredited through National Lutheran Schools Accreditation and the Missouri Non-Public School Accreditation Association (MNSAA). The classes offered at Lutheran High School have an orientation towards college preparation.

Lutheran High offers college credit opportunities through the Advanced Placement Program and through dual credit options available from local universities. (See course descriptions for specific course/credit offerings.) Students entering their senior year may consider the option of taking courses at nearby colleges.

Special academic programs and services are available through the school, such as excellent vocational classes offered in conjunction with Lewis and Clark Career Center. Highly motivated students with special interests may pursue an independent study under the instruction of an LHS faculty member. Online courses may also be made available to students.

Several programs are in place for students with exceptional learning needs. The Lutheran High Academy program is geared for students with superior academic talent. Lutheran High also offers the Academic Lab Resource Program and the Learning Center to meet the needs of students with disabilities.

### 4x4 Block Schedule

The school year is divided into two terms (or semesters), and the school day is divided into four instructional blocks of 80-minute periods. Each term students are enrolled in four courses that meet daily. Students receive one full credit for each course successfully completed at the conclusion of each term.

### Scheduling and Course Selection

Each student, as part of the registration process, will submit a list of courses they plan to take in the coming year including alternate course choices. Students will plan a course of study for both terms when registering. The date of the completed course selection and re-enrollment process is used to determine priority for scheduling courses which may have limited availability. For this reason, it is to the student's advantage to complete re-enrollment materials as soon as possible.

Registration before March 1 is an advantage to the student. The Registration Fee increases after this date and the master schedule is built to include all student course requests received as of that date. Students who have registered on or before March 1 will have their course requests included in the first round of scheduling.

The decision to offer selected elective courses in a given term will depend upon the number of students that register for the course. This makes on-time registration important for students who wish to take an elective class. If a section of an elective class will NOT be offered, or is overloaded, an alternate choice from the list of alternatives supplied by the student will be substituted. If no alternatives have been identified, students will be enrolled in a class at the discretion of the Director of Student Services. Students are encouraged to make an appointment with Student Services to discuss course options. If scheduling priorities must be set by the school, students will be given their first choice in course selection according to grade level (senior, junior, sophomore, then freshmen) and then by date of course requests received.

## Adding and Dropping Classes

A student may initiate a withdrawal from a course and transfer to another course only during the first five days of the course. A student may not drop a class after the five day time period without receiving a "Withdrawal/P" or "Withdrawal/F" for the term grade.

Before any schedule change can be made, approval may be required from parents and/or the instructor. Forms for initiating a change are available in Student Services. The Director of Student Services may initiate a schedule change at any time and without penalty to the student if it is deemed necessary for the benefit of the student.

## Graduation Requirements Lutheran High School

1. Students will take 4 credits per term/8 credits per year of attendance at LHS
2. Students will earn a minimum of 28 credits including those listed below

Subject	Credits
Theology (A)	4
English	4
Math	3
Science	3
Social Studies (B)	3
Global Studies (C)	3
Fine Arts	1
Practical Arts (D)	1
PE/ Health (E)	2
Electives	4

A. 1 credit of theology is required for each year of attendance at LHS

B. US History and American Government & Citizenship are required

C. Select ONE course from EACH column, plus ONE additional course from either column

Spanish 1-4	World Geography
German 1-4	World History
	International Affairs
	AP Comparative Government

D. Personal Finance is required for graduation

E. At least .5 credit must be in Health

## University Academic Admission Standards Representative Samples

	Missouri State	University of Missouri Columbia/Kansas City/Rolla/St. Louis	Concordia University	St. Louis University	Washington University
English	4	4	4	4	4
Math	3-4	4	3	4	4
Social Studies	3-4	3	2-3	3	3-4
Science	3-4	3	2-3	3	3-4
Foreign Lang.	2 encouraged	2	2 encouraged	3 encouraged	2
Fine Art	1	1	-	-	-

Math credits include Algebra I and beyond. Students must also satisfy high school graduation requirements.

## Additional Requirements

College-bound students should consider their academic plans carefully as they progress through high school. Students are advised that most traditional, selective and highly selective colleges consider in-school and extracurricular activities in making some admission decisions. Activities such as music groups, drama productions, school publications, student government and athletics contribute to the making of a desirable college student.

## Post Secondary Opportunities

### The University of Missouri System

The University of Missouri has adopted the following academic requirements for admission to any of the four UM campuses (Kansas City, Columbia, Rolla or St. Louis). These requirements are:

- 4 credits of high school English. A maximum of one of which may be speech or debate. 2 years must emphasize composition or writing skills.
- 4 credits of mathematics. No course lower than Algebra I can be used to fulfill this requirement. A term of Trigonometry is recommended for science or math majors.
- 3 years of science, including one laboratory course.
- 3 years of social studies.
- 1 year of fine arts. (visual arts, music, dance, or theater.)
- 2 years of a single foreign language.

In addition to the academic requirements, an above average ACT score (20+) is required (varies by campus).

### Missouri Core Curriculum

The State University system in Missouri (including Truman, Southeast, Missouri State and Northwest Missouri State Universities) is very highly regarded and offers a wide variety of four-year college programs.

Admissions requirements vary, but the Missouri Coordinating Board for Higher Education has adopted the following core curriculum as a MINIMUM standard for admission to the State University System.

- 4 credits of English, a maximum of one of which may be speech or debate. 2 years must emphasize composition or writing skills.
- 3 credits of math, including no course lower than Algebra I.
- 2 credits of science (Must include at least 1 cr. lab science.)
- 3 credits of social studies.
- 1 credit of visual/performing arts. Fine arts courses in visual arts, music, dance and theater.
- 1 credit of practical arts.
- 1 credit of Physical Education/Health.
- 3 credits of electives from foreign language and/or combinations of the above courses. Two credits in one foreign language are strongly recommended.

### The Concordia University System

The Lutheran Church-Missouri Synod operates the only nationwide university system in the Concordia University System (CUS). With campuses in ten different metropolitan areas from New York to Los Angeles and St. Paul to Austin, the CUS offers students exceptional educational opportunities. The CUS is a continuation of the education program of the LCMS which includes Lutheran High School. LHS graduates may use the CUS to continue their education in liberal arts or other professional programs as well as to train to be a pastor, teacher, Director of Christian education, deaconess, church musician and other professional ministry options. In general, their course requirements for admission closely follow the Missouri Core Course list but requirements can vary by college within the system. Interested students should contact the admissions office for the individual college for detailed admission information.

### Private Colleges and Universities

The entrance requirements of private colleges and universities vary. Students are urged to plan their school program to meet admissions requirements for the colleges in which they are interested. Students may be required to take either the ACT or SAT tests and they should consult the catalog of the particular college or university under consideration.

## Community Colleges

Area community colleges offer excellent options for students. In general, these colleges have "open admissions" which means that students who have a high school diploma or GED will qualify for admission, although there may be some additional requirements for remediation or for admission to special programs. A variety of courses are offered including:

1. Technical and vocational training for those interested in entering the fields of health care, business or industry, or for further specialization in skills learned at the secondary vocational/technical school level.
2. A full program of liberal arts and preprofessional courses for those who wish to transfer to a four year college upon completing two years of study at the community college.

## Military Service

Military service is an excellent option for some graduates of Lutheran High School. All branches of the armed forces of the U.S. government now require a high school diploma as a prerequisite for enlistment. Enlistees with a GED must also have fifteen credits from a college or university. The GED by itself is no longer considered satisfactory. Students who complete minimum LHS graduation requirements and receive a diploma will meet all general education requirements for military service.

## NCAA & NAIA Eligibility for Collegiate Athletics

Students who wish to be eligible for competition in NCAA Division I or II athletics should create a file with the NCAA Clearinghouse after the Junior year transcript is complete. There is a fee charged by the NCAA for this service. Information is available in Student Services.

Students who wish to be eligible for competition in NAIA athletics should create a file with the NAIA Clearinghouse after the Junior year transcript is complete. There is a fee charged by the NAIA for this service. Information is available in Student Services.

## College Credit Opportunities

Students enrolled at Lutheran High may be able to get an early start on the completion of a college program by participating in one of several "college credit" options available for students. Students should be aware that Lutheran High cannot guarantee the transferability of these college credits to the institution of the student's choice. All schools cooperating with Lutheran High have regional accreditation verifying the validity of the credit earned. Transferability of credit is determined by the institution receiving the credit, not by the sender. Therefore students should check with colleges of interest to them to determine the transferability of these credits.

## Dual Credit Programs

Dual Credit programs offer students the opportunity to receive college credit for courses taught at Lutheran High School by LHS teachers. Lutheran High School participates in five dual credit programs offered through St. Louis University, Missouri Baptist, Lindenwood University, Missouri State University, and University of Missouri - St Louis. There is a nominal fee for the college credit (\$60-65/credit) paid by the student directly to the college for each course. Details regarding registration procedures, fees and deadlines are covered in the specific classes where dual credit is available. Students are personally responsible to make sure all deadlines are met. Students may earn a maximum of 11 college credits per term from any one university. Procedures established by the Coordinating Board for Higher Education of the state of Missouri forbid registration after the established deadline.

The list of courses offered for college credit may vary from year to year due to factors beyond the control of LHS and may not be determined until the start of the school year. Courses which MAY be offering college credit and their corresponding university course numbers are indicated in the course descriptions. Parents with questions regarding deadlines about specific classes are encouraged to contact their child's counselor at the start of each term.

To be eligible for these courses, students must be juniors or seniors with a cumulative grade point average of 2.5 or higher. Because these classes are part of the regular LHS curriculum, grades for these classes are recorded as regular high school classes and are included in the student's cumulative GPA. Students are responsible for contacting the universities and requesting a college transcript of their coursework.

## **The Advanced Placement Program**

Advanced Placement courses are taught at Lutheran High School by LHS teachers in accordance with the Advanced Placement syllabus published by the College Board. Students are expected to take the AP exam as a part of the course. There will be additional fees for taking the test (approximately \$90 per test) and colleges may charge a fee before granting credit. Because of variation in acceptance of these credits, students considering AP college credit are advised to determine the stipulations of the receiving school before committing to an AP course. These are especially challenging courses and grades received in these classes receive an additional bonus grade point in the student's cumulative grade point average.

## **Dual Enrollment**

Dual enrollment programs are those that offer high school students the opportunity to take courses at a college or university taught by the college or university faculty. Juniors and seniors at LHS may attend college classes through the dual enrollment programs at St. Charles Community College, Lindenwood University or the University of Missouri-St. Louis. Grades for these classes are not included in the student's cumulative high school grade point average. All Dual Enrollment plans must be approved by the Director of Student Services before you register for classes.

To be eligible for dual enrollment, a student must:

1. Maintain a minimum grade point average in high school courses as specified by the enrolling college or university, usually at least a 2.5 or higher.
2. Obtain written permission from the Director of Student Services
3. Fill out a college admission application and submit a copy of the application and course registration materials to LHS each time a course is taken.
4. Students must maintain enrollment in at least 3 classes at LHS.

## **Special Academic Programs and Options**

### **Online Courses**

Online courses are classes conducted over the internet under the authority of an accredited, credit-granting institution. Online courses offer students the opportunity to enrich their high school education by taking formal courses not offered in Lutheran High School's curriculum. Lutheran High School's sponsorship of online courses for its students involves assistance with registration and conduct of the class including the administration of unit exams.

The following guidelines apply to all online courses taken by Lutheran High students.

1. Online course credit will be accepted by LHS only from institutions which have received regional accreditation. LHS reserves the right to decide whether or not credit shall be accepted for a given course. Students interested in earning credit online should obtain LHS approval before enrolling.
2. Enrollment is accomplished by submission of appropriate forms to the institution offering the desired class. Payment of all course fees is made by the student directly to the college or school.
3. Online courses may be used as part of the regular daily four-period load only by seniors with a 3.0 or higher cumulative grade point average.
4. Students are generally advised to take no more than one online course per term.
5. The grade awarded by the instructor assigned to the student by the sponsoring school will be final. All rules and regulations established by the sponsoring school shall apply and will not be waived by Lutheran High School.
6. Students must maintain enrollment in at least 3 classes at LHS.

### **Independent Study**

Independent study courses represent an opportunity for students to receive graduation credit for directed study in an area outside the regular high school curriculum. The purpose of Independent Study is to meet the needs of individual students who have legitimate reasons for pursuing academic credit outside the traditional classroom setting. The following guidelines apply:

1. Independent Study and the supervision of Independent Study are voluntary both on the part of the student and the instructor.
2. Instructors may only supervise Independent Study courses which are included in their professional preparation and/or certification.
3. Independent Study should normally be student requested, but teachers may request or recommend Independent Study for students with special needs.

4. The Independent Study course contract is to be approved by the Director of Student Services and filed with Student Services.
5. Incidental fees incurred during the course will be paid by the student.
6. An Independent Study course must be completed by the end of regular term unless a different time is specified in the contract.
7. Independent Study requires a minimum of 90 clock hours of the student work per term. These hours are to include at least two consultations per week with the instructor.
8. The student will keep a record of activities and studies related to the course. This is to be reviewed weekly and dated notations of student progress made by the instructor.
9. Upon completion of the course, notation of the following will be made on the student's permanent record: the title and description of the course, the completion date, and a letter grade for the course.
10. Normal school grading procedures apply.
11. Independent Study can be terminated by the school at the recommendation of the instructor if the student is not fulfilling the requirements stated in the course outline. The student will receive a grade of "F" for the course.

## **Lewis & Clark Career Center**

Lewis and Clark Regional Career Center in St. Charles offers vocational classes to all students who live in St. Charles County. These are accredited one and two-year courses in a variety of subjects. All classes meet three hours a day and students receive four credits per year of practical arts/elective credit for each course passed. Course credits are accepted by LHS and applied toward graduation requirements.

These courses are intended to supply training for permanent occupations. St. Charles County residents who qualify for admission to these programs will have their Career Center tuition paid by their resident public school district. Enrollment is a competitive process at each sending school. Students who want to be considered for a technical program need to complete a Lewis & Clark application form and return it to their home school guidance office.

Student information is compiled regarding grades, attendance, discipline patterns and aptitude testing. Students who have completed the entire application procedure will be rated. Enrollment is based on the cooperative decision of the enrollment team at each sending school. For priority consideration, students need to complete the application procedure including testing by the enrollment date set at each sending school yearly. Applications received after enrollment will be considered on a space available basis.

Articulation agreements are in place in certain programs for qualified students who complete their program. Students who complete the technical program with a minimum of 90% attendance and 75% average will receive a certificate of completion. An honors certificate will be awarded to students who maintain 95% attendance and 95% academic average.

Students who attend Lewis & Clark Career Center follow the St. Charles District Code of Conduct and Grading Scale.

## **Summer School**

Students who have failed a course at LHS may be able to enroll in summer school courses through the area public schools depending on availability of courses. If a student fails a "core" class (Theology, English, Math, Science, or Social Studies), they may be required to retake the class at Lutheran High. The Lutheran High School Student Services Office maintains a file on area summer school programs and will assist students in enrolling. Students interested in taking high school summer courses should seek administrative approval before the course is taken to guarantee acceptance of credit when the course is completed.

## **Education for the Exceptional Child**

### **Cougar Honors Academy**

The Cougar Honors Academy is a rigorous academic program designed to enrich college preparation, further cultivate leadership and foster a deep appreciation of service to others. Students from the academy are selected based on previous academic performance, teacher recommendation and personal interest. Students in the Cougar Honors Academy reflect the highest Christian ideals and develop a servant heart to the glory of our Lord, Jesus Christ.

Application to the academy occurs during Term 2 of the freshman year. Notification of acceptance will occur prior to the conclusion of Term 2. The Cougar Honors Academy consists of five specialties. Students accepted to the academy will select a specialty of interest for which they must meet specific requirements. Each member will be assigned a mentor. Failure to meet the requirements of the specialty will result in student withdrawal from the academy.

### Admission Steps:

- Submit Cougar Honors Academy Application
- Submit two letters of recommendation
- Maintain a minimum G.P.A. of 3.0
- On-site interview with selection committee

### Specialties and Requirements:

#### Business and Leadership-

Courses: Accounting I and II, Business Management, Leadership, Foreign Language I,II,III, Probability and Stats.

Organizations: FBLA (Sophomore-Senior)

Senior Capstone

#### Church Workers-

Courses: O.T., N.T., Doctrine, Christ and Culture, Theology Mentorship, General Psychology, Leadership

Organizations: Chapel Assistant (Sophomore), Small Group Leader (Junior-Senior)

Senior Capstone

#### Politics and Law-

Courses: International Affairs, AP Comparative Government, Business Management, Leadership, Foreign Language I,II, and III

Organizations: Key Club and/or Student Council (Sophomore-Senior)

Senior Capstone

#### STEM-

Courses: Advanced Algebra II/Trig., Math Analysis, AP Calc AB, Advanced Physics and either Chem II or Anatomy and

Physiology, Computer Programming, Leadership

Organizations: Robotics (Sophomore-Senior)

Senior Capstone

#### Visual and Performing Arts-

Courses: Five Fine Arts, Literature Research and the Arts, Leadership

Organizations: Theatre, Pep Band, Art Club, or Sapphires (Sophomore-Senior)

Senior Capstone

**Senior Capstone:** Each member will complete a cumulative project that is reflective of an academic interest, personal concern or career aspiration. The student is required to design the project, conduct research and maintain a portfolio that documents the project. In addition, the student will present their capstone project in a public forum. A faculty mentor will guide the student.

**Community Service:** In addition to the above requirements, each student in the Cougar Honors Academy must contribute 100 hours of community service.

Sophomore Year: 25 hours

Junior Year: 35 hours

Senior Year: 40 hours

**Academic Recognition:** Students who complete the academy requirements will receive distinctive recognition at graduation, senior awards convocation and a special notation on their Lutheran High School diploma and transcript.

## **Special Education Offerings**

Through a collaborative partnership between Lutheran High School and Lutheran Association of Special Education, Lutheran High has two special education programs to accommodate the unique needs of students with a diagnosed learning and/or medical disability - *The Academic Lab Program and The Learning Center*.

*The Academic Lab Program* provides a supportive environment and encourages students towards self-advocacy. Supports through the Academic Lab Program include: helping students complete homework and plan for tests/projects, learning time management, organizational, study and self-advocacy skills, projects, etc. The Academic Lab teacher monitors individual plans (504, etc.) and assists students, parents, teachers, administration and outside professionals to facilitate successful completion of high school.

*The Learning Center Program* is designed for students who need additional supports which may include curriculum modification, smaller group instruction and other accommodations to ensure the student is reaching his/her full potential. The Learning Center Coordinator assists students, parents, teachers, administration and outside professionals to facilitate successful completion of high school. Students that need direct instruction in math or communication arts have the option to take 1-2 classes in the Learning Center, giving them small group or individualized instruction.

# Academic Standards

## Minimum Course Load

The required course load at LHS is four classes per term. Exceptions to this are:

1. Students enrolled at Lewis and Clark Area Vocational Center are required to take two classes per term at Lutheran High.
2. Seniors may be allowed to take three classes at Lutheran High if they are also taking one class through a college/university.

## Grading Standards

The grading system at LHS is designed to promote Christian stewardship of ability by pupils. Where our method of grading sets high standards and expectations for all students, more is expected of the academically gifted than of the average student, and provision is made allowing the less academically gifted student to graduate from LHS with a sense of self-respect and Christian dignity.

A grade at Lutheran High School is a professional judgment by a teacher of a student's progress and represents the teacher's evaluation of the student's achievement in the course.

### Letter Grades

- A: Superior achievement. Course average 90% or higher. 4 grade points. Credit awarded.
- B: Above-average achievement. Course average 80-89%. 3 grade points. Credit awarded.
- C: Average achievement. Course average 70-79%. 2 grade points. Credit awarded.
- D: Below-average achievement Course average 60-69%. 1 grade point. Credit awarded.
- S: Work compatible with standards of good stewardship of talent and achievement commensurate with ability. No points awarded, no impact on GPA. Credit awarded.
- F: Failing achievement. Course average of 59% or lower. Zero grade points and zero credit awarded.
- WP/WF: Withdrawal Passing/Failing. Zero grade points and zero credit awarded.

### 5 Point Grade Scale

Advanced Placement and Honors courses taught as part of the high school curriculum will qualify for a special grade point system. Honors classes are defined as AP classes or the top tier course(s) in each of the four core departments (English, Math, Science, and Social Studies requiring at least 3 years for graduation). The courses are denoted by an (H) in the course description. In these classes a grade of "A" earns 5 grade pts., "B" earns 4 pts., a "C" earns 3 pts. and a "D" earns 1 pt. Failing the class earns no credit or grade pts. "S" grades are not available for students in AP courses. Students enrolled in an AP course are expected to pay for and take the AP exam. (Approximate cost is \$90 per test.)

## Failed Classes

Every student is required to take four classes each term they are in attendance at Lutheran High School. Failing a class at Lutheran High has serious implications. If a student fails a "core" class (Religion, English, Math, Science, Social Studies) they may be required to retake the class at Lutheran High in a later term. In order to meet the graduation requirements the student may be required to take an elective class during summer school or through an online program approved by LHS.

## Academic Probation

A student who receives more than one failing grade at term, or who receives multiple failing term grades over a twelve-month period, will be placed on academic probation. Academic probation will usually be ended upon the completion of two consecutive terms with no failing grades. A student who persists in receiving failing grades while on academic probation may be dis-enrolled from Lutheran High School.

## **Eligibility**

Students must be eligible to tryout, practice and participate in co-curricular activities. Requirements for eligibility can be found in the Student Life Handbook and the Activities Handbook.

## **Class Status**

Incoming students will be enrolled in a grade-level "class" (i.e. freshman, sophomore, junior, senior) according to the number of credits they have accumulated at the beginning of the school year or at the time of enrollment at LHS. Class status is determined at the beginning of the first term and remains in effect for the entire school year:

FRESHMAN: All students in their first year of high school.

SOPHOMORE: Students who have completed at least 7 credits.

JUNIOR: Students who have completed at least 14 credits.

SENIOR: Students who have completed at least 21 credits.

## **Participation in Graduation Exercises**

Seniors entering the eighth term with fewer than 25 credits will be allowed to participate in graduation exercises ONLY if they have completed all graduation requirements by graduation day.

## **Academic Honors**

### Honor Roll

All students with a grade point average of 3.000 to 3.499 are considered to be HONOR students. Those with a grade point average of 3.500 or higher are considered HIGH HONOR students. Academic honors are designated with every completed grading period and use Term 1 and Term 2 grades as the basis for the awards.

## **Academic Letters**

Lutheran High School recognizes students who repeatedly reach honor roll status by the awarding of school letters for academic achievement. To be eligible for an academic letter, the following criteria must be met.

1. Students must accumulate a total of 10 "points" for academic performance. Students receive 3 points for each term on honor roll status (GPA of 3.0 to 3.499) and 5 points for each term on high honors (GPA of 3.5 or higher.)
2. Points accumulate and are not lost between academic years. After the initial recognition of a school letter, academic pin and annual bar, additional bars will be awarded at each 10-point interval.

These awards are distributed in the early part of the term following the posting of final term grades to the student's transcript.

## **Graduation Awards**

Graduation awards are based upon cumulative grade point averages. Awards will be determined using the grades at the end of the senior year. LHS reserves the right to disqualify a student on the basis of poor citizenship or conduct inconsistent with the goals and philosophy of Lutheran High. The final decision on graduation honors will be made by the administration. Graduation honors will be designated as follows:

Summa cum laude - graduating with a cumulative GPA of 4.05 or greater

Magna cum laude - graduating with a cumulative GPA of 4.00 or greater

Cum laude - graduating with a cumulative GPA of 3.75 or greater

High Honors - graduating with a cumulative GPA of 3.5 or greater

Honors - graduating with a cumulative GPA of 3.0 or greater

## **Academic Reports**

### Internet Access to Student Data

Student grade and attendance information is available to parents and students via the Internet through a secure link connected to the PowerSchool school management system. Each account is password protected. Account information may be obtained by contacting Student Services. Parents have the option to receive automatic emails with grade and attendance information by selecting this option in their Powerschool account. Parents are able to email their child's teachers through Powerschool.

## Term Reports

Report cards issued at the conclusion of each term provide the official grade for the course and determine the number of grade points calculated in the student's cumulative grade point average. They also carry information regarding student performance, work habits in addition to summary information about grade point averages, credit and attendance data.

Term grades are the official record and transcript grades of the school and are used to determine Honor Roll. They are used as part of the evaluation of student academic progress for students on disciplinary or academic probation.

## Transcripts

Lutheran High School maintains an official transcript for each student in the student's permanent record. The transcript contains the official record of courses taken and grades earned, standardized test scores (ACT & SAT) and summary of academic information including the cumulative grade point averages. Basic student data including full name, address and D.O.B. are also included on the transcript. Up to five sets of test scores (ACT & SAT) are included on the transcript.

In addition to the information on the transcript, a record of additional academic tests (PSAT, etc.) are kept in the student's file and may be released at the student's option.

The student or parent/guardian permission (if the student is under the age of 18) is required to release this information to third parties. All transcript requests must be submitted using the Transcript Request Form which can be found on the LHS website and in Student Services.

There is no charge for sending transcripts. Specific questions regarding transcripts and the release of student data may be discussed with the registrar.

## Parent/Teacher Conferences

Parent/Teacher conferences will be held after the 4th week of classes each term. These conferences are open to all parents and are a chance for parents to talk about their child's progress with the classroom teacher(s). Parents of students who are failing one or more classes will be notified by Student Services and specifically requested to attend a conference. Lutheran High School encourages ongoing communication between school and home to assist the student to obtain the best possible outcome for a class.

# Lutheran High School Graduation Requirements

1. Students will take 4 credits per term/8 credits per year of attendance at LHS
2. Students will earn a minimum of 28 credits including those listed below

Subject	Credits
Theology (A)	4
English	4
Math	3
Science	3
Social Studies (B)	3
Global Studies (C)	3
Fine Arts	1
Practical Arts (D)	1
PE/ Health (E)	2
Electives	4

- 1 credit of theology is required for each year of attendance at LHS
- US History and American Government & Citizenship are required
- Select ONE course from EACH column below, plus ONE additional course from either column below:
 

Spanish 1-4	World Geography
German 1-4	World History
	International Affairs
	AP Comparative Government
- Personal Finance is required for graduation
- At least .5 credit must be in Health

## Planning Your High School Coursework

### FRESHMAN YEAR

Old Testament (1 credit)  
 Communications I (1 credit)  
 Conceptual Physics (1 credit)  
 Geography (1 credit)  
 Health/PE (1 credit)  
 \_\_\_\_\_ (Math)  
 \_\_\_\_\_ (Elective)  
 \_\_\_\_\_ (Elective)

### SOPHOMORE YEAR

New Testament (1 credit)  
 Communications II (1 credit)  
 World History (1 credit)  
 \_\_\_\_\_ (Science - 1 credit)  
 \_\_\_\_\_ (Math - 1 credit)  
 \_\_\_\_\_ (Elective - 1 credit)  
 \_\_\_\_\_ (Elective - 1 credit)  
 \_\_\_\_\_ (Elective - 1 credit)

### JUNIOR YEAR

Doctrine (1 credit)  
 American Literature (1 credit)  
 US History (1 credit)  
 \_\_\_\_\_ (Science - 1 credit)  
 \_\_\_\_\_ (Math - 1 credit)  
 \_\_\_\_\_ (Elective)  
 \_\_\_\_\_ (Elective)  
 \_\_\_\_\_ (Elective)

### SENIOR YEAR

Christ & Culture (1 credit)  
 American Govt. & Citizenship (1 credit)  
 \_\_\_\_\_ (English - 1 credit)  
 \_\_\_\_\_ (Elective - 1 credit)

# Course Offerings

(See course description for prerequisites.)

\*DC\* - Dual Credit      \*H\* - Honors Class

<u>Course</u>	<u>Level</u>
<b>English</b>	
Introduction to Communication Arts	9
Communications I	9
Communications II	10
American Literature	11
English Symposium *DC1*	11,12
Experiences in Writing	11,12
Literature & Research of The Arts	11,12
AP English Literature *DC1*	11,12
<b>Fine Arts</b>	
Art Fundamentals	ALL
Ceramics	ALL
Drawing	ALL
Painting	ALL
Sculpture	ALL
Digital Arts	ALL
Mixed Chorus	ALL
Concert Choir	Audition
Orchestra	ALL
Destinations in Music	10,11,12
AP Music Theory	12
<b>Foreign Language</b>	
Spanish I	10,11,12
Spanish II	10,11,12
Spanish III *DC4*	11,12
Spanish IV *DC4*	11,12
Spanish V	11,12
German I	10,11,12
German II	10,11,12
German III *DC2*	11,12
German IV *DC2*	11,12
<b>Global Studies</b>	
World Geography	9
World History	10
International Affairs	11,12
AP Comparative Govt & Politics *DC2*	11,12
Spanish 1-5	10,11,12
German 1-4	10,11,12
<b>Math</b>	
Pre-Algebra	9
Algebra I	9
Accelerated Algebra I	9
Geometry	9,10
Algebra II	10,11,12
Accelerated Algebra II w/ Trig	10,11,12
Algebra III	10,11,12
Probability & Statistics *DC1*	11,12
Pre-Calculus *DC1*	11,12
AP Calculus AB/BC *DC1*	12

<b>PE/Health</b>	
Boys Team Sports/Health	9
Girls Team Sports/Health	9
Lifetime Fitness	10,11,12
Athletic Performance	10,11,12

<b>Practical Arts</b>	
Computer Applications	ALL
Personal Finance *DC5*	11,12
Accounting I	11,12
Accounting II *DC3*	11,12
Business Management	11,12
Leadership *DC1*	11,12
Coding	10,11,12
Publications	ALL
Intro to Engineering Design	ALL
Principles of Engineering	ALL

<b>Science</b>	
Conceptual Physics	9
Biology	10
Chemistry I	10,11,12
Chemistry II	11,12
Astronomy	11,12
Advanced Physics *DC3* *H*	11,12
Anatomy & Physiology *DC1* *H*	11,12

<b>Social Studies</b>	
World Geography	9
World History	10
U.S. History	11
American Government & Citizenship	12
Economics	11/12
International Affairs	11,12
AP Comparative Govt & Politics *DC2*	11,12
General Psychology	11,12
AP Psychology	12

<b>Theology</b>	
Intro to the Gospel	9
Old Testament	9
New Testament	10
Being the Church	11
Christ & Culture	12
Intro to the Gospel - Mentor	12

<b>Learning Strategies</b>	
Study Skills	9,10
Academic Lab	ALL
LASE-Learning Center	ALL

<b>Dual Credit Code</b>	
DC1 - Lindenwood University	
DC2 - Saint Louis University	
DC3 - Missouri Baptist University	
DC4 - University of Missouri - St Louis	
DC5 - Missouri State University	

# Course Descriptions

## Dual Credit Courses

The designation \*DC\* is used to designate courses which MAY be eligible for dual credit from an area college or university. The number of potential college credits is indicated in parenthesis. The list of approved courses can change from year to year. These designations indicate classes for which students MAY receive college credit.

## ENGLISH

### Introduction to Communication Arts

Prerequisites: Teacher Recommendation

This course is to be taken by recommendation and a review of entrance scores, and will focus on preparation for high-school level Communications and English classes, as well as foreign language classes. Specific emphasis will be placed upon a review of grammar and mechanics skills, sentence and paragraph construction, and a basic introduction to the research paper.

### Communications I

Prerequisites: Gr. 9 status and Teacher Recommendation

Communications I will focus on the growth of literary comprehension and enjoyment through the study of short-stories, non-fiction, poetry, drama, and novels. Writing will be a major component of the course, with frequent writing exercises and workshops, as well as review of basic grammar and mechanics skills.

### Communications II

Prerequisite: Comm. 1 & Gr. 10 status

Communications II will focus on the continued growth of literary comprehension and enjoyment through the study of short stories and novels, non-fiction, poetry, drama, and novels. Writing will be a major component of the course, with frequent writing exercises and workshops.

### American Literature

Prerequisite: Gr. 11-12 status Required

This course focuses on a singularly American literature: how it developed and how that literature continues to reflect the growth of the United States. The literature discussed starts with the early recordings of native Americans and Puritan writers and continues through the beginning of the 21st century. Studies will include essays, poetry, short stories, plays, and novels. Reading, various writing methods, projects, critical thinking, and evaluations will be included.

### Literature and Research of the Arts

Prerequisite: Completion of, or current enrollment in American Literature

An upper level English course open to juniors and seniors. This course focuses on the literature of theater and great speeches and incorporates the writing and practice of theater and public speaking skills in the processing of such works. Students will read, write, and present works of classic theater and speech and then progress to writing their own works and presenting them.

### English Symposium

\*DC\*(3 cr)

Lindenwood ENG15000

Prerequisite: Gr. 11-12 status

This course is designed for juniors and seniors who would like a course that offers a more intensive, collegiate-styled look at five specific areas of English instruction. The focus areas are: nonfiction, modern poetry, dystopian fiction, historical/mystery fiction, and mythology. Each area of study is reading, presentation, and discussion oriented with a writing intensive requirement for each focus area. Summer reading is a requirement of this class.

### Experiences in Writing

Prerequisite: Completion of, or current enrollment in American Literature

An upper level elective, to be taken beyond the 4 required English credits, involving a variety of written expression experiences in both fiction and nonfiction genres. Topics could include short story writing, play-scene writing, advanced non-fiction essay, memoir, poetry and the like.

### AP English Literature

Prerequisite: Gr. 12 status, C or better in American Literature

This course is taught using a certified College Board Advanced Placement Curriculum and carries a 5 point grade scale. The first half of the course is a chronological survey of the literature and culture of England from the Renaissance to 1800. The second half focuses on literature of the 1800's to the present day with an emphasis on novels by a variety of English authors. Literary analysis, both written and oral, will be required. Students will have significant out-of-class work including summer reading, reading during major vacation breaks, and further outside reading and papers in preparation for the challenge of the advanced placement test taken in May of each year. Students are expected to take the AP English exam at their own expense, the passing of which can result in advanced college credit depending on their accepting universities. Students should expect a rigorous, college-level assignment load in the course.

## FINE ARTS

### **Art Fundamentals**

Prerequisites: None

Students will explore a variety of materials and techniques in order to develop basic skills in both two-dimensional and three-dimensional work. The types covered include but are not limited to drawing, painting, ceramics, printmaking, mixed media and digital arts. An emphasis will be placed on art vocabulary along with the elements of art and principles of design to gain an understanding of basic composition and design. Through the exploration of art history, art criticism and art production the student will gain an appreciation for the abilities God has given them and to others.

### **Ceramics**

Prerequisite: Art Fundamentals

Students design and build pottery using traditional hand building methods and wheel throwing. Students are expected to use their knowledge of the elements and principles of design to problem solve, as well as developing the terminology related to the clay medium.

### **Drawing**

Prerequisite: Art Fundamentals

Students will explore a broad range of drawing techniques through sketching, formal observational drawing and imagination. Continued technical drawing skills and art vocabulary will be emphasized.

### **Painting**

Prerequisite: Art Fundamentals

Students will explore the formal and expressive application of various types of paint including acrylic, watercolor and oil paint. An emphasis is placed on technique and composition while rendering diverse subject matter. It is expected that the student has knowledge and an understanding of color theory, design, and drawing skills to aid in the development as a painter.

### **Sculpture**

Prerequisite: Art Fundamentals

Sculpture involves the exploration of traditional and contemporary three-dimensional work. Emphasis is placed on the additive and subtractive methods of working. Students will be expected to use their knowledge of the elements of art and principles of design to problem solve. The student will gain technical skills, understand the diverse possibilities of the materials, as well as learn safe and appropriate uses of the tools and materials.

### **Digital Arts**

Prerequisite: Art Fundamentals

The course will introduce the practice and theory of digital art and graphic design. The student will review the concepts and techniques of photography. Learning focus will be on image manipulation, digital line drawing and page design, including a unit on media production. The student will apply the knowledge of the visual language including the elements of art and principles of design to produce digital and printed work. The student will also be introduced to the history and current practices of digital media artists. Through the creation, responding, reflecting, and presenting of digital art, the student will gain an appreciation for digital media as an art form.

### **Mixed Chorus**

Prerequisite: None

The study of terms, vocal techniques, music history and theory, sight singing and performance skills will be emphasized through a variety of choral literature. Required concert participation is included in the student's grade. May be repeated for credit.

### **Concert Choir**

Prerequisite:: Placement by audition

Open to students interested in praising God through vocal and choral music. Based on audition, students who have shown abilities and attitudes necessary to succeed in this advanced performance group will be accepted on the basis of available openings. The study of vocal techniques, music theory, sight singing and performance skills will be emphasized through a variety of choral literature. Required performance participation is included in the student's grade for the course. The group may participate in an overnight tour and a participation fee may be charged. May be repeated for credit.

### **Orchestra**

Prerequisite: Junior high band or instrument lessons

The study of instrumental techniques, music theory, sight reading, and individual and ensemble performance skills will be emphasized through a variety of orchestral literature. Several concerts are presented each year presenting a wide array of musical styles. Required performance participation is included in the student's grade for the course. Every other year, the group will participate in an overnight tour and a tour fee will be charged. Incoming members will schedule a playing assessment with the directors in order to help the directors choose appropriate literature for the success of the ensemble. May be repeated for credit.

**Destinations in Music**

Prerequisite: None

This class is a survey of all types of music taking a trip around the world. Discover the driving rhythms of African drums and their connection to the rock music of today. This course will help the student critically listen to and develop an enjoyment of extraordinary music.

Students will compose their own music using Garage Band in a multitude of styles while learning about the elements of music: rhythm, pitch, form, dynamics, and melody. This is not a performance class.

**AP Music Theory**

Prerequisite: 3 years of Choir and/or Orchestra; or Instructor approval

Designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score, the course will progress to include more sophisticated and creative tasks, such as: melodic and harmonic dictation, composition of a bass line for a given melody, implying appropriate harmony, realization of a figured bass, realization of a Roman numeral progression, analysis of repertoire, including melody, harmony, rhythm, texture, and form, and sight-singing. Student will be expected to take the AP Music Theory exam in May.

## FOREIGN LANGUAGE

### Spanish I

Prerequisite: Grade 10, C or better in English  
This is a course designed to introduce students to elementary-level Spanish language. Students will learn strategies to help them acquire new vocabulary words and phrases in the target language and they will also become acquainted with several elementary grammatical structures with an emphasis on verb conjugation. Students will learn to produce complete sentences both orally and in writing.

### Spanish II

Prerequisite: C or better in Spanish I or instructor approval  
This second course builds upon the foundations established in Spanish I. Students will learn how and when to utilize more complex grammatical structures. By establishing these skills, the students will express complete thoughts both orally and in writing.

### Spanish III

\*DC\* (4 cr)

UMSL SPAN1001  
Prerequisite: C or better in Spanish II or instructor approval  
Material covered is the equivalent of a first semester college course in Spanish composition and conversation. Students will continue to acquire new vocabulary words and phrases in the target language and they will learn complex grammatical structures that will later be applied in meaningful contexts.

### Spanish IV

\*DC\* (4 cr)

UMSL SPAN1002  
Prerequisite: C or better in Spanish III or instructor approval  
Material covered is the equivalent of a second semester college course in Spanish composition and conversation. Students will strengthen their mastery of speaking, writing, listening, and reading in the target language. Students will continue to acquire new vocabulary words and phrases in the target language and they will review, produce, and apply complex grammatical structures to their usage and comprehension of Spanish.

### Spanish V

Prerequisite: C or better in Spanish IV or instructor approval  
This advanced language course emphasizes building proficiency and mastery of the target language. While some advanced grammar topics and vocabulary units may be introduced, reviewed, and/or perfected, the student will read authentic selections of both Peninsular Spanish and Latin American literature across all genres. Through meaningful discussions of the readings, the students will strengthen their presentational skills both orally and in writing.

### German I

Prerequisite: Grade 10, C or better in English  
This is a basic introductory course in German language and culture. Classroom emphasis will be on speaking and conversation as well as grammar, reading and writing. Students will explore topics pertaining to their personal lives, interests, and experiences. Cultural studies will focus on the influence of German upon American life, and upon the English language.

### German II

Prerequisite: C or better in German I or instructor approval  
This is an intermediate course in the German language. Classroom emphasis given to speaking and conversation as well as vocabulary, grammar, reading and writing. Students will explore topics pertaining to daily life, routines, and travel in both language and culture.

### German III

\*DC\*(3 cr)

SLU

GR1010  
Prerequisite: C or better in German II or instructor approval  
This course is a continuation of the German language and culture sequence. Students will expand their language abilities German within the context of German culture and literature. This class includes a strong focus on speaking and communicating in the target language.

### German IV

\*DC\*(3 cr)

SLU GR1020  
Prerequisite: C or better in German III or instructor approval  
This course is a more advanced study of history, art, literature and current events in Germany and German-speaking countries. Classroom emphasis will be on reading, speaking and writing. Grammar and vocabulary are taught in relationship to texts and German cultural artifacts.

# LEARNING STRATEGIES

## **Study Skills for High School and College**

Grade 9 or 10 only

Develops, improves, and practices study skills critical to success in high school and college. Topics to be emphasized include time management, organizational strategies, goal setting, learning styles, reading textbooks, writing skills, note taking from both textbooks and lectures, memory techniques, exam preparation, test taking, listening and discussion techniques.

## **Academic Lab**

Prerequisite: A 504 or IEP Diagnosis

Students will work one on one or in small groups with the resource teacher. The purpose of this class is to provide a supportive atmosphere and encourage students towards self-advocacy.

# MATH

## **Pre-Algebra**

Enrollment by counselor recommendation  
Pre-Algebra is designed to introduce and involve the student in the concepts of Algebra. Students will learn the language of algebra, and use it to describe numbers and the relationships between them. Strategies leading to a successful approach to solving any problem will be stressed.

## **Algebra I**

Enrollment by counselor recommendation  
Algebra I includes a review of types of numbers, sets, fundamentals properties and basic operations. It also involves the study of solutions, of linear quadratic equations and inequalities, exponents, polynomials, factoring and radicals. Emphasis is placed on problem solving techniques.

## **Accelerated Algebra I**

Enrollment by counselor recommendation  
Accelerated Algebra I is designed for the student who has taken a full year of Algebra but would benefit from a review of topics before taking Geometry. Topics to be covered include: slopes and lines, exponents and powers, quadratic equations and square roots, polynomials, linear systems, factoring and functions. Strategies leading to a successful approach to solving any problem will be stressed.

## **Geometry**

Prerequisite: C or better in Algebra I or Advanced Algebra 1  
A course involving the study of congruency, proofs (direct and indirect, formal and informal), similar figures, area, volume, construction, scale drawings and models, and Pythagorean theorem, a brief introduction to trigonometry and other topics with emphasis on reasoning and logic as the means of solving problems.

## **Algebra II**

Prerequisite: C or better in Geometry  
This course allows students the opportunity to build on topics of Algebra I and Geometry. Students will learn problem solving using skills developed in the following areas: factoring, solving equations, inequalities, irrational and complex numbers, polynomial functions, rational expressions, logarithmic functions and basic statistics.

## **Accelerated Algebra II with Trigonometry**

Prerequisite: C or better in Geometry  
This course emphasizes problem solving using skills developed in the following areas: factoring, solving equations, inequalities, irrational and complex numbers, polynomials functions, rational expressions, conic sections, exponential and logarithmic functions, triangle trigonometry and its applications. This course is designed for students planning to take Pre-Calculus and Calculus.

## **Probability and Statistics**

\*DC\* (3 cr)

Missouri Baptist MATH 243  
Prerequisite: C or better in Algebra II or Accelerated Algebra II

This course is an exploration into the basic concepts of probability and statistics emphasizing measures of central tendency, the normal curve and the probability of compound events. It will provide a foundation for further studies in statistics and future work in a variety of careers. Designed for the business or general studies college student.

## **Algebra III**

Prerequisite: Algebra II or Accelerated Algebra II  
This course will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students will be challenged to increase their understanding of algebraic, graphical, and numerical methods to analyze, translate, and solve quadratic, polynomial, rational, exponential, and logarithmic functions and/or relations. Modeling real world situations is an important part of the class.

## **Pre-Calculus**

\*DC\* (3 cr)

Missouri Baptist MATH 154  
Prerequisite: B or better in Accelerated Algebra II/Trig.  
This is a pre-calculus course designed for college bound juniors and seniors who are considering further study in math or science. This course covers functions, graphing, conic sections, advanced trigonometry, sequences, series, limits and an introduction to calculus. This course will help the student make the transition from high school to college mathematics.

## **AP Calculus AB/BC**

\*DC\*(5 cr/5 cr)

Lindenwood MTH27100/27200  
Prerequisite: B or higher in Pre-Calculus or instructor permission  
AP Calculus AB/BC is an Advanced Placement Course for the college bound senior who has completed Pre-Calculus with a B or higher. It is a course designed to earn Math credit for the non Math/Science/Engineering major or help the student with one of those majors have a good start on the rigors of that curriculum. Topics covered include: limits, the derived function (derivative), the integral, and applications of the derivative and the integral. This course is offered under the College Board Advanced Placement Program and students are therefore expected to take the Advanced Placement Examination and have their own Graphing Calculator. Students are expected to take the AP Calculus exam at their own expense. Students should expect a college-level assignment load.

## PHYSICAL EDUCATION

### **Boys Team Sports/Health, Girls Team Sports/Health** Required Grade 9

This course aims to give the student a thorough knowledge of team sports and physical fitness. The latter will be determined by the use of the President's Physical Fitness Test. Team sports involved may be soccer, flag football, speedball, volleyball, etc. Team sports units will be comprised of presentations and practice of individual skills through drills and activities, along with discussion of rules and strategy through game play. The Health portion is intended to give the student a thorough knowledge of the human body and the many factors that will affect it mentally, physically, socially, and spiritually. Topics covered include: mental and social health, personal health and physical fitness, nutrition, medicine and drugs, diseases, safety and emergency care.

### **Lifetime Fitness**

Prerequisites: Gr. 10,11,12 status

This course aims to give the student a general knowledge and appreciation of recreational team, individual sports and physical fitness. Recreational team sports may include flag football, speedball, soccer, volleyball, floor hockey, kickball and softball. Individual recreational activities may include badminton, tennis, golf, bowling, swimming and weight training/conditioning. The carry-over values of these various recreational activities will be emphasized so that the student will consider the value of being "fit for life". May only be taken one time each year.

### **Athletic Performance**

Prerequisites: Gr. 10,11,12 status

This course is a guided program in weight training for students of either gender. Attention will be paid to individual students' conditioning needs and helping them learn to develop and adapt a training routine that meets their personal fitness goals. May only be taken one time each year.

## PRACTICAL ARTS

### Computer Applications

Prerequisite: None

Computer Applications is a course designed to teach students how to use the computer and iPad as a business and personal tool through the use of application software and apps. This course emphasizes the daily use of word processing, spreadsheet, and presentation software for the completion of business-related and personal tasks. Students will also learn to use the Internet as an effective resource tool and demonstrate responsible digital citizenship.

### Accounting I

Prerequisites: Gr. 11 or 12 status

This class introduces students to the area of business finance. Students will learn how to complete the tasks in an accounting cycle for a sole proprietorship and for a corporation and how to make business decisions based on accounting records. In addition, students will learn about careers in accounting, examine legal and ethical issues in accounting, and become familiar with QuickBooks accounting software.

### Accounting II

\*DC\* (3 cr)

Missouri Baptist ACCT213

Prerequisite: Successful completion of Accounting I and approval of instructor

Accounting II is a course that builds upon the foundations established in Accounting I and allows students to develop a deeper knowledge of the principles of accounting. In addition to exploring more advanced concepts in journalizing, accounting adjustments, and end-of-fiscal-period work, students will be introduced to managerial accounting and learn to analyze financial statements and make sound management decisions with the use of common ratios and other methods.

### Business Management

Prerequisites: Gr. 11 or 12 status

This course is designed to help students develop an understanding of skills and resources needed to manage a business. Topics covered include characteristics of effective leaders, management functions, elements of marketing, financial analysis, human resource management, and communication skills. As a class, students will also manage and operate an actual business. This class is highly recommended for students who wish to explore business as a career possibility.

### Personal Finance

\*DC\* (3 cr)

Missouri State Fin150

Prerequisite: Gr. 11 or 12 or Department Approval Required for Graduation

Personal Finance gives students the fundamental knowledge they need to better manage their own finances both now and in the future. In this class, students will explore practical topics such as money, banking, investments, credit, taxes, and insurance. Students will learn to make informed decisions as they complete simulated activities in money management.

### Leadership

\*DC\* (3 cr)

Lindenwood NPA13000

Prerequisite: Gr. 11 or 12 status

This course provides an examination of historical and contemporary models of leadership, skills of effective leadership, and the responsibilities and privileges of leadership. Students will learn to function effectively in group settings and build an awareness of leadership issues facing our communities and society. As part of the course, students will be required to join and be actively involved in a non-athletic school club or organization.

### Publications

Prerequisite: Permission of teacher

This course emphasizes the areas of writing, photography, and graphic design that focus on the nonfiction communication found in yearbooks and magazine style writing. The primary objective of the course is to design, develop, and publish the school yearbook. Students will sharpen skills in informational writing and peer editing. They will develop skills in journalistic design, computer layout, photography, and marketing. Course may be repeated for credit.

### Coding

Prerequisite: C or better in Algebra II

Introduction to programming using the PYTHON programming language is a course to help students understand the relevance of computing skills to their college and career plans. This is an in-depth course designed to teach fundamentals of computer science and program design. The course will cover classes, operators, input and output, control structures and functions. This course is recommended for the serious minded problem solver who is interested in a career in a computer-related field. Students will be expected to complete programming assignments outside of class.

**Introduction to Engineering Design**

Prerequisite: C or better in Algebra 1

Students will explore engineering design process, applying math, science, and engineering standards to hands-on projects. Student will work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document work. This is a Project Lead the Way course.

**Principles of Engineering**

Prerequisite: C or better in Geometry and C or better in Introduction to Engineering Design

Through problems that engage and challenge, students will explore a broad range of engineering topics, including: mechanisms, the strength of structures and materials, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This is a Project Lead the Way course.

## SCIENCE

### Conceptual Physics

Required: Grade 9

Conceptual physics is a laboratory science course with an emphasis on the scientific method and the fundamental principles of physics. This course is designed to provide students with a foundation for further study in biology, chemistry, and the advanced science courses. Topics to be covered include: basic science skills, Newton's laws, linear motion, momentum, work, and energy. Students will apply algebraic skills to problem solving throughout the course.

### Biology

Prerequisite: Grade 10 or school approval

The Biology course is considered essential at Lutheran High School. This course allows the student to examine, survey, and understand the magnitude and complexity of God's creation - His creation of each person as well as their surroundings. Topics include: cell development, levels of organization, vertebrates, invertebrates, botany, genetics, anatomy, physiology, and ecology. The course attempts to give the students an understanding of the interrelations of life systems, and their impact on the Christian.

### Astronomy

Prerequisite: Biology

Astronomy is a one-semester course designed to provide students with an overview of the physical laws governing celestial bodies and their motion. Skills developed in this course include: reading star charts and locating objects in the sky, making measurements, and understanding the design of telescopes. Topics of study include a brief history of astronomy; the motion of Earth and moon; the origin of the universe as seen from both secular and Christian scientists; light and stars; telescopes; and comets, asteroids, and meteorites. This is a conceptual course; however, various equations and principles of both physics and chemistry are utilized to better understand the topics covered.

### Chemistry I

Prerequisite: C or better in Biology, C or better in Algebra 2 or be in Algebra 2

Provides the student with knowledge of the fundamental principles of chemistry with an emphasis on the scientific method, matter and measurements, states of matter, atomic structure, chemical periodicity, chemical bonding, chemical reactions, the mole, and stoichiometry.

Throughout the course, students will learn proper laboratory procedures emphasizing proper techniques following safety protocols.

### Chemistry II

Prerequisite: B or better in Chemistry I and Algebra II

Provides the student with knowledge of the fundamental principles of chemistry with an emphasis on mixtures and solutions, gases, energy and chemical change, reaction rates, equilibrium, acids and bases, redox reactions, hydrocarbons, biochemistry, and nuclear chemistry. This course is designed for the serious chemistry student who is willing to build on the concepts learned in Chemistry I. Students will employ their critical thinking skills in scenario and inquiry-based laboratory activities.

### Advanced Physics

\*DC\*(4 cr) \*H\*

Missouri Baptist PHYS131/133

Prerequisite: C or better in Algebra II or Accel. Algebra II

A study of the relationship between energy and matter with emphasis on problem solving involving mathematical principles. Mechanics and sound are studied and supported with laboratory work.

### Anatomy & Physiology

\*DC\*(3 cr) \*H\*

Lindenwood BIO10700

Prerequisite: B or better in Biology and B or better in Chemistry or instructor permission

The Anatomy & Physiology course at Lutheran High School is designed to build on the foundation of knowledge that students acquired in their first year of Biology and Chemistry in dealing with the human body. Students may be admitted to the class with the instructor's approval if the first 2 pre-requisites are not met. The class will cover a number of human body systems. Students will not only be required to learn the different parts of those systems (Anatomy), but they will also be required to explain how the systems work. (Physiology).

## SOCIAL STUDIES

### **World Geography**

Gr. 9

The students will study both the physical and political characteristics of each of the seven continents with emphasis on acquiring map skills and comparing cultural traits. The students will understand the causes and effects of forces in the global environment and society from a Christian perspective.

### **World History**

Gr. 10

The course is a study of historical development of human cultures. By looking at political, social and economic aspects, students will examine how people of the past lived. This study will help them determine what effects past culture's actions have in today's world and what we can learn from them for our future. The course will help students become active Christian citizens in American society and the global community.

### **U.S. History**

Required Gr. 11 Required for Graduation

United States History is a survey from the colonization of the North American colonies to the present. Attention will be given to regional as well as national study. The role of various political and cultural movements as well as the role of ethnic groups and women in American history will also be examined. A basic text is used to give a general background and chronological structure to the course. Students will be required to write research based essays, as well as use a variety of sources, including maps, graphs, charts, editorial cartoons, and outside readings to develop a fuller understanding of the various time periods covered and their impact on subsequent times and events.

### **General Psychology**

\*DC\*(3 cr)

Prerequisite: Gr. 11 - 12 status

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students will learn some of the major discoveries made by psychologists over the past century, the different approaches adopted by psychologists including the biological, behavioral, cognitive, humanistic, psychodynamic, and socio-cultural perspectives. Students will also learn how psychologists think in their approach to addressing problems and issues. Numerous short articles and readings will be assigned along with frequent short essay assignments and a variety of topic related, hands-on projects. Major projects include a book review, topic related literature reviews which will culminate in designing, conducting, evaluating and presenting a psychological study.

### **AP Psychology**

\*DC\*(3 cr)

Prerequisite: Gr. 11 - 12 status

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Topics covered are the major content areas covered by the AP Psychology Exam. Topics will include: History and Approaches, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Testing and Individual Differences, Abnormal Psychology, Treatment of Psychological Disorders and Social Psychology. Numerous short articles and readings from books, newspapers, magazines and academic journals will be assigned. During the summer, students are required to read one work of psychology of their own choosing from an approved list and to write a critical review upon completion of their selected reading. Students are expected to take the AP Psychology exam at their own expense.

### **International Affairs**

Prerequisite: Must have taken US History and either World Geography OR World History

This course will briefly review the recent history of the modern world. The main emphasis of the course will be the investigation of current world leaders, countries, and important issues facing them as they interact in the international community. The goal of this course is to make students aware of the world around them and cause them to look analytically at issues in the news. A general introduction to economic concepts with emphasis on economic institutions and processes in a market economy. Includes basic discussion of macroeconomic topics including economic decision making in the context of scarce resources, supply and demand, price theory, measuring economic performance, governmental monetary and fiscal policy, and international trade.

### **Economics**

Prerequisite: Must have taken US History

The first half of the course is the traditional high school introduction to economics: basic concepts, principles and theories. The second half of the course will present current issues in American culture and politics which impact or are impacted by economics.

**AP Comparative Govt and Politics** \*DC\*(3 cr)

SLU POLS150

Prerequisite: Must have taken US History AND World History

This course will encompass the study both of specific countries and of general concepts used to interpret the political relationships found in virtually all national polities. Seven countries form the core of the examination. These are the United States, Great Britain, Russia, China, Nigeria, Iran, and Mexico. This course is taught under College Board Advanced Placement Curriculum, and carries a 5 point grade scale. Students are expected to take the AP Comparative Government exam at their own expense and may opt (also at student expense) to take the AP U.S. Government Exam. Students should expect a college-level assignment load. This class can count for the required Government class.

**American Govt and Citizenship**

Gr. 12 Required for Graduation

The students will study the history and structure of American government with an emphasis on the U.S. Constitution and Missouri Constitution. Students will study the three branches of representative government and the importance of civic participation at all levels. Students must pass the class to graduate from high school (Missouri Legislature, 1992.)

# THEOLOGY

## **Introduction to the Gospel**

Prerequisite: None

This course is devoted to examining the spiritual needs of class members and addressing those needs in light of the gospel of Jesus Christ. It contains an introduction to the Christian faith, emphasizing an overview of the Bible and the significance of law and gospel in the daily walk of the Christian life. The course is designed primarily for the student who has little or no formal Christian education.

## **Old Testament**

Prerequisite: Elementary knowledge of basic bible stories and teachings

This course is devoted to examining the contents and theology of the Old Testament. Basic themes will be tracked through the testament, such as messiah, covenant, prophet/priest/king, worship, etc. The class seeks to develop a solid, historical knowledge of the contents of the Old Testament. Additionally, students will learn to read the texts according to the hermeneutical principles of Christ-centeredness, law and gospel, and scripture interpreting Scripture.

## **New Testament**

Prerequisite: Old Testament

This course is devoted to examining the contents of the New Testament. Basic themes will continue from the Old Testament class. The first half of the class will seek to introduce students to the contents of the gospels with an emphasis on the gospel message. The second half will introduce students to the apostolic church as described in the book of Acts and to the New Testament epistles. Students will continue to develop use of hermeneutical principles from prior courses.

## **Being the Church**

Prerequisite: Old Testament and New Testament

The focus of *Being the Church* is the nature and life of the people of God gathered together by common faith in Jesus Christ. Who is this Jesus in whom we believe? What has he taught? What does it mean to share this faith in common? How do we live life together in response to Christ's teachings within our present day context? The course will survey four components: doctrine, church history, comparative Christian denominations, and ethics. Each component will provide insight to what it means for the church to be the body of Christ in the world.

## **Christ and Culture**

Prerequisite: Being the Church

This course is devoted to equipping students to engage their culture with the gospel of Jesus Christ. Emphases will include understanding the various worldviews of our unbelieving neighbors, sharing the gospel in a meaningful way with them, and giving a defense for the hope we have within us. The first half of the class will be a survey of the world's major non-Christian worldviews, religions, cults, and the occult. Emphasis will be on their distinctive belief patterns, ritual and worship practices, ethical and social patterns, origin, and development, as well as a Christian approach to evangelism of these groups. The second half of the course will be devoted to preparing students to defend their faith in the hostile academic environment of the modern post-Christian university. The study of apologetics will examine the classical philosophical arguments for the existence of God, the historical case for the life, death, and resurrection of Jesus, and the creation/evolution controversy.

## **Introduction to the Gospel Mentor Independent Study**

Prerequisite: Old Testament, New Testament & Being the Church

In this program of independent study, the student will work as a teacher's assistant for the "Introduction to the Gospel" course, which is a class intended for non-Christians and those with little or no church background. The mentor student will work with the teacher to present the basic Gospel message and build relationships with students. The teacher will retain ultimate responsibility for the class, but will utilize the mentor as a small-group discussion leader, and will occasionally have the mentor prepare lessons and lead class discussions. The mentor student will be evaluated (pass/fail) on his/her lesson preparation and class leadership. This independent study course could be taken by seniors in place of "Christ and Culture" or it could be taken as a fifth theology course, counting as an elective.

## Lewis and Clark Career Center: Available Courses

All courses taken at the Lewis and Clark Career Center are listed on the Lutheran High School transcript as "Vocational Education" classes so they do not carry individual course numbers. For more information about each of these areas of study, please see the Lewis & Clark Career Center website at

<http://www.stcharles.k12.mo.us/lewis&clark/>

Auto Collision Repair  
Auto Service Technology  
Brick & Stone Masonry  
Building Trades  
Combination Welding  
Computer Information Systems  
Computer Maintenance & Networking  
Design Drafting/CAD  
Electrical Trades  
Health Occupations  
Health Related Occupations  
Heating, Ventilation, & Air Conditioning (HVAC)  
Power Equipment Technology  
Applied Retail and Business Skills  
Early Childhood