



LUTHERAN HIGH SCHOOL

2019-2020 Registration Handbook

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2019-2020 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

General Information

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 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 special academic challenges.

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.

Graduation Requirements for Lutheran High School are listed on page 16 of this book.

Course Selection and Placement for First-Time Freshmen

When a student enrolls at Lutheran High School as a first-time freshman, as part of the admission and enrollment process, LHS will request academic records from the student's current school. The records requested will include course grades, standardized test scores and any information related to individual assessments connected with Individual Education Plans or 504 Plans. Administrators at LHS will review the student's records and on the basis of those records recommend placement in freshman level classes, especially in English, mathematics and theology classes. When the record is inconsistent, incomplete or shows a "borderline" situation, school administrators may contact the student's current teachers for insight and advice.

Once these recommendations are assembled, parents and student will be invited to individual course selection appointments with LHS faculty and administrators. During these appointments, the recommendations from LHS are presented and discussed with both parents and student and confirmed or adjusted according to what the parents and student feel will be the best course of study for the student. During these course selection appointments, students will also have the opportunity to choose electives for the coming year and alternate choices which can be used in the case that first-choice courses are not available.

Course Selection and Placement for Transfer Students

When a student enrolls at Lutheran High School as a transfer student, existing school records are requested as part of the registration process. Course selection of transfer students can be much more complicated considering the variety of options available in high schools. A schedule will be developed in consultation with the student and the student's parents which considers the student's demonstrated performance, ability, graduation requirements, academic goals, and completed course work.

Course Selection and Placement for Returning Students

Each returning 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.

Other Considerations Regarding Course Placement

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 one of the administrators in 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 seven days of the course. Students and parents are reminded that classes offered on a YEAR LONG basis (e.g., Orchestra, Concert Choir, Publications & others) may not be dropped at the end of the first term.

After the first seven days the Director of Student Services may initiate a schedule change without penalty to the student if circumstances dictate.

Concerning Non-Academic Institutional 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 and financial aid decisions. Activities such as music groups, drama productions, school publications, student government and athletics contribute to the making of a desirable college student but students should avoid allowing participation in activities to serve as a detractor from academic standards. All post-secondary opportunities available to LHS students including colleges, vocational training and military service will look FIRST at the student's academic records and then to additional accomplishments.

Post Secondary Opportunities

The information below is compiled from publicly available sources and could be subject to change without notice. Students and parents are encouraged to double-check all requirements directly with the institution. In the table below, "Math" credits are assumed to be from courses Algebra 1 or higher.

	Missouri State	University of MO System	Concordia University	St. Louis University	Washington University
English	4	4	4	4	4
Math	4	4	3	4	4
Social Studies	3	3	2-3	3	3-4
Science	3	3	2-3	3	3-4
Foreign Lang.	2	2	2 encouraged	3	2
Fine Art	1	1	-	-	-
Acad. Electives	1*	-	-	-	-

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 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 credits of science,** including one laboratory course.
- 3 credits** of social studies.
- 1 credits of fine arts.** Visual arts, music, dance, or theater.
- 2 credits** of a single foreign language in addition to the academic requirements,

ACT scores are required and evaluated on a sliding scale that varies with the student's cumulative grade point average.

Missouri Core Curriculum

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

Admissions requirements vary at each institution, 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.
- 4 credits of math**, including no course lower than Algebra I. A senior year math class is recommended.
- 3 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 or theater.
- 6 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 nine 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 begins in thousands of preschools and elementary schools. As one of 86 different Lutheran secondary schools in the USA, Lutheran High School is also a part of the continuation of that program. 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 or 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 should assume that they will be required to take either the ACT or SAT tests as part of the admissions process. Once a student is considering applying for admission to a specific college, that institution's website and published information should be considered the definitive standard for admission.

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. Such schools may have additional requirements for remediation if the candidate has not attained certain academic proficiencies. There may also be more specific requirements for admission to special programs. A variety of programs are offered including 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. Community colleges also offer 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, or in athletic programs at NAIA colleges and universities should create files with each agency to be considered for athletic participation and scholarships at the collegiate level. Both the NCAA and NAIA charge a fee for this service. Additional information regarding academic eligibility for college athletics is available in Student Services.

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 or via regular email.

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) that have been released to the school by the student and summary of academic information including the cumulative grade point averages. Basic student data including full name, address and date of birth 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, optional academic tests (PSAT, etc.) are kept in the student's file and may be released at the student's option.

Parent/guardian permission (if the student is under the age of 18) is required to release this information to third parties other than colleges and universities to which the student has applied. Lutheran High allows juniors and seniors to request release of their transcripts to any college or university to which they have applied without written parent permission. (Parents may revoke this privilege by providing a signed request to the Director of Student Services). 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.

Special Academic Programs and Options

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 several dual credit programs offered through area universities. There is a fee for the college credit (\$60-\$90/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. 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 term to term 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 and policies 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.

Due to extreme circumstances and by special request, some students may be allowed to skip a required AP exam. In the case that a student finishes an AP class without exam participation, the AP designation will not be used on the student's official transcript and the 5-point grade scale will not apply. Exemption from exams requires specific permission from the principal and Director of Student Services. A request form is available in Student Services.

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. Students are generally not allowed to register for courses they can take at Lutheran High. 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 the LHS student registers 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.

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 juniors or seniors with a 2.5 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 the Lutheran High Student Services office.

Student information is compiled regarding grades, attendance, discipline patterns and aptitude testing. Enrollment is competitive and 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. Students are responsible for contacting their public school district for information regarding summer school classes. Student Services personnel 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

Students at Lutheran High represent the full range of God's gifts and abilities. To meet the needs of all students Lutheran High offers specialized programs to meet the needs of students on both sides of the educational spectrum.

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 (Science Technology Engineering and Mathematics).

Courses: Advanced Algebra II/Trig., Pre-Calculus, 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. Juniors and seniors may be allowed to take only three classes at Lutheran High if they are also taking at least one class through a local college/university's dual enrollment program or approved online course.

Grading Standards

The grading system at LHS is designed to promote Christian stewardship of ability by our students. 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.

Honors courses taught as part of the high school curriculum will qualify for a special grade point system. Honors classes are defined as a) AP classes or b) the top tier course(s) in each of the four core departments (English, Math, Science, and Social Studies) 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. . "S" grades are not available for students in AP courses. Students in AP courses who do not participate in the AP exam for the course will not qualify for use of the 5-point grade calculation.

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 Recovery

A student who demonstrate persistent troubles with attaining passing grades in their classes may be assigned to Academic Recovery (AR). Purpose of assigning students to Academic Recovery is to:

- Make the student aware of their lack of positive academic progress.
- Provide a consequence for very poor grades that can be used by students as a constructive opportunity if they so desire.
- Bring the student into regular contact with the individuals who are monitoring their academic progress and who can help guide the recovery process.
- Give the student an opportunity to resolve grade challenges through the development and use of new skills and personal discipline.
- Give the student a regular opportunity to seek additional assistance from classroom teachers at a time that fits within the regular expectations of faculty.

Students have the opportunity to meet with the teacher from the AR Course or to arrange additional peer assistance for the class in question. Other arrangements for assistance not specified here can be approved at the discretion of the Director of Student Services.

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 practice, compete, and/or perform in co-curricular activities.

Activities covered by the eligibility rule include:

1. All MSHSAA sanctioned interscholastic activities including: all athletics, non-graded music groups, Scholar Bowl, and Spirit Squad.
2. Theatre.
3. Student Council-members that become ineligible following election/appointment will forfeit the remainder of their term for which they were elected/appointed.
4. Robotics.

To be eligible, a student shall have earned no less than 4.0 units of credit the preceding term (semester) of attendance. That is, a student must pass every course in the preceding term.

- The length of eligibility is 1 term.
- Eligibility is determined by term grades. In the case of an incomplete, eligibility will be determined no later than two weeks from the last day of the preceding term.
- Ineligible students and their parents will be notified of the ineligibility status no later than the first day of the term for which they are deemed ineligible.
- Up to 1 credit may be applied to the previous spring term when credits are earned during the summer. Requirements as spelled out in the MSHSAA handbook must be met.
- Eligibility may be removed by the school for disciplinary reasons without regard to academic status.
- Coaches, advisors, and school administration, may establish additional requirements for participation in school sponsored activities.

At mid-term, as indicated on the school calendar. All student grades will be checked. Those students who have any F's or a GPA less than a 1.5 will be placed on the Academic Watch List. Those students placed on the Academic Watch List will have certain requirements that must be met.

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.

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.

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.

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

- A. 1 credit of theology is required for each year of attendance at LHS
- B. US History and an American government course are required for graduation
- C. 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 Comp. Government
- D. Personal Finance is required for graduation
- D. At least .5 credit must be in Health.
- E. Students who complete participation in the entire season of a MSHSAA-sanctioned athletic activity at LHS while juniors or seniors can have 1 credit of the PE graduation requirement waived. Note, students do NOT receive credit for participation in the sport.

Course Offerings

(See course description for prerequisites.)

DC - Dual Credit

H - Honors Class

Course

Level

English

Introduction to Communication Arts	9
Communications I	9
Communications II	10
American Literature	11
English Symposium *DC*	11,12
Experiences in Writing	11,12
Public Speaking & Theater Arts	11,12
AP English Literature *DC*	11,12

Fine Arts

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
Instrumental Workshop	All
AP Music Theory	12

Foreign Language

Spanish I	10,11,12
Spanish II	10,11,12
Spanish III *DC*	11,12
Spanish IV *DC*	11,12
Spanish V	11,12
German I	10,11,12
German II	10,11,12
German III *DC*	11,12
German IV *DC*	11,12

Global Studies

World Geography	9
World History	10
International Affairs	11,12
AP Comparative Govt & Politics *DC*	11,12
Spanish 1-5	10,11,12
German 1-4	10,11,12

Math

Foundations of 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 *DC*	11,12
Pre-Calculus *DC*	11,12
AP Calculus AB/BC *DC*	12

PE/Health

Boys Team Sports/Health	9
Girls Team Sports/Health	9
Lifetime Fitness	10,11,12
Athletic Performance	10,11,12

Practical Arts

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
Aerospace Engineering	10,11,12

Science

Conceptual Physics	9
Biology	10
Chemistry I	10,11,12
Chemistry II	11,12
Astronomy	11,12
Advanced Physics *DC**H*	11,12
Anatomy & Physiology *DC* *H*	11,12

Social Studies

World Geography	9
World History	10
U.S. History	11
American Government & Citizenship	12
Issues in Economics	11,12
International Affairs	11,12
AP Comparative Govt & Politics *DC*	11,12
Introduction to Psychology *DC*	12

Theology

Intro to the Gospel	9
Old Testament	9
New Testament	10
Being the Church	11
Christ & Culture	12
Intro to the Gospel - Mentor	12

Learning Strategies

Academic Lab	ALL
LASE-Learning Center	ALL

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. Because of college-dictated standards, the list of approved courses can change from year to year.

ENGLISH

Introduction to Communication Arts

Prerequisites: By placement

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

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

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 American literature: how it developed and how it continues to reflect the growth of the United States. The course begins with 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.

Public Speaking and Theater Arts

Prerequisite: Completion of, or current enrollment in, Communications 2 and sophomore standing.

This course cannot be used to meet LHS graduation requirements for English.

An English elective course to be taken beyond the 4 required English credits. The course focuses on skills of writing, analyzing, and presenting works of theater and public speaking. Students will examine classic speeches and plays and then progress to writing and presenting works of their own.

English Symposium

***DC*(3 cr)**

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.

Experiences in Writing

Prerequisite: Completion of, or current enrollment in, American Literature.

This course cannot be used to meet LHS graduation requirements for English.

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

A senior level Honors Course using the College Board Advanced Placement Curriculum. Content covers a chronological survey of English Literature from the Renaissance to the present including advanced analysis, summer reading, and a rigorous, college level workload. Students are required to take the AP Test in May at their expense. Advanced credit can be earned for passing the exam which is determined by each university. Students are advised to investigate this with their target school.

FINE ARTS

Art Fundamentals

Prerequisites: None

Students will be introduced to production, criticism and history of art to develop an appreciation for the visual arts. A variety of materials and techniques will be explored while developing basic skills in both two-dimensional and three-dimensional work. Emphasis is placed on learning composition and design, working in a diverse range of themes/subject matter, and creating art for personal expression.

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 in both traditional and contemporary materials including sketching, formal observation and imaginary work. An emphasis is placed on technical drawing and composition while rendering a diverse range of themes/subject matter and creating art for personal expression.

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 techniques and theory of digital art and graphic design. Students will apply elements of art and principles of design to produce digital and printed art. Students will respond to and reflect upon digital media as an art form. Learning focus will be on photography/image manipulation, typography, vector drawing, page design, cinematography and copyright law. Students will gain firsthand experience working for a client, including concepting, idea development, presentation and production.

Instrumental Workshop

None (Some experience with grade school band/strings or private lessons is helpful.) Students with little or no instrumental experience will be able to learn to play an instrument. Students will learn the basics of playing an instrument including breath support, tone, intonation, and other technical skills. Other music skills necessary for success in an ensemble include note and rhythm reading and other basic music theory skills will be taught. Students will, on occasion, perform with the orchestra.

Mixed Chorus

Prerequisite: None May be repeated for credit. 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.

Concert Choir

Prerequisite: Placement by audition May be repeated for credit. 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.

Orchestra

Prerequisite: Placement by audition. May be repeated for credit.

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.

Destinations in Music

Prerequisite: None

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 and Instructor approval.

Designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music. The course will include melodic and harmonic dictation, elements of composition, implying appropriate harmony, realization of a figured bass, realization of a Roman numeral progression, and analysis of repertoire. Students will be expected to take the AP Music Theory exam.

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* (5 cr)**

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* (5 cr)

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

***DC* (3 cr)**

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)**

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 in 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)

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

Academic Lab

Prerequisite: Inclusion in 504 Plan or IEP.

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

Foundations of Algebra

Prerequisites: By placement

Foundations of 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

By placement or successful completion of Foundations of Algebra

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

Prerequisites: By placement

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 Adv. 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)

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)

Prerequisite: B or better in Acc. 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)

Prerequisite: B or higher in Pre-Calculus or instructor permission

This is an AP class designed to establish a foundation in calculus for college-bound students. Topics covered include: limits, the derived function (derivative), the integral, and applications of the derivative and the integral. Students may register for only the AB sequence (1st semester only) or for the AB/BC sequence (both semesters). Students are expected to take the Advanced Placement Examination (either Calculus AB or BC depending upon the sequence chosen) and have their own graphing calculator. 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. Team sports units will be comprised of presentations and practice of individual skills through drills and activities, and discussion of rules and strategy through game play. The Health portion of the course is intended to give the student a thorough knowledge of the human body and the factors that affect it mentally, physically, socially, and spiritually.

Lifetime Fitness

Prerequisites: Gr. 10,11,12 status May be repeated for credit but may only be taken one time each year.

This course gives students a general knowledge and appreciation of recreational team, individual sports and physical fitness. 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".

Athletic Performance

Prerequisites: Gr. 10,11,12 status. May be repeated for credit but may only be taken one time each year.

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

PRACTICAL ARTS

Computer Applications

Prerequisite: None

Computer Applications will teach students how to more effectively use the computer and iPad as educational, business and personal tools. Students complete projects in the areas of electronic presentations, word processing, spreadsheets, desktop publishing, and movie production. Students will also complete a self-directed learning unit. This course will develop each student's ability to analyze, synthesize, evaluate, and apply technologies to solve problems and increase productivity.

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 work with Microsoft Excel.

Accounting II

***DC* (3 cr)**

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)**

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)**

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 instructor.

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 language helps students understand the relevance of computing skills to their college and career plans. This course teaches 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 students interested in a career in a computer-related field.

Introduction to Engineering Design

Prerequisite: B or better in Algebra 1

Students explore an engineering design process, applying math science and engineering standards to hands-on projects documented in an Engineering notebook. Students work individually and in teams using professional grade 3D modeling software. Projects move from concepts to real hardware solutions using 3D printing, CNC carving, manufacturing processes, and shop skills. Students apply professional-grade systems and software prominent in universities and industry today. This is first class in the Project Lead the Way high school engineering program.

Principles of Engineering

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

POE exposes students to concepts that they will encounter in a postsecondary engineering program. Students explore a broad range of engineering topics, including mechanisms, strength of materials and structures, automation, thermodynamics, hydromechanics, energy, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. This is a second-level class in the Project Lead the Way high school engineering program.

Aerospace Engineering

Prerequisite: C or better in Geometry, or currently enrolled in Geometry and/or instructor permission; and C or better in Introduction to Engineering by Design.

Students explore the physics of flight and apply their learning to hands-on projects like designing and testing a glider, an airfoil, propulsion system, a rocket, a wind turbine, and parachutes.

Students simulate exploring a planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot. This is a second-level class in the Project Lead the Way high school engineering program.

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 www.lewisclarkcc.org

Computer Maintenance & Networking
Computer Software Development
Early Childhood Careers
Health Occupations
Health Related Occupations
Precision Manufacturing Technology
Combination Welding
Brick & Stone Masonry
Building Trades-Carpentry
Electrical Trades
Heating, Ventilation, & Air Conditioning (HVAC)
Auto Collision Repair
Auto Service Technology
Power Equipment Technology
Applied Retail and Business Skills
Early Childhood

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 required at Lutheran High. 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, genetics, botany, invertebrates, vertebrates, ecology, and human biology. The course gives students an understanding of life systems.

Astronomy

Prerequisite: Biology

Astronomy is designed to provide students with an overview of the physical laws governing celestial bodies and their motion. Topics include: history of astronomy, motion of the earth and moon, origin of the universe as seen from both secular and Christian views, light and stars, telescopes, comets, asteroids, and meteorites.

Chemistry I

Prerequisite: C or better in Biology, C or better in Algebra 2 or concurrent enrollment 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*

Prerequisite: B 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*

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

The Anatomy & Physiology course builds on the foundations students acquired in Biology and Chemistry and applying them to the human body. The class covers several body systems as the students will be required to learn the different parts of those systems (Anatomy), and the operation of the systems (Physiology).

SOCIAL STUDIES

World Geography

Gr. 9 Required

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 Required

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

The course covers colonization of America to the present with attention given to regional and national topics. Various political and cultural movements, and the role of minorities and women in American History are also examined. A basic text gives a general background and

chronological structure. Students write research essays and use a variety of sources to develop a fuller understanding of various time periods and their impact on subsequent times.

Introduction to Psychology

 DC(3 cr)

Prerequisite: Gr. 12 status

Introduction to the systematic and scientific study of behavior and psychology of humans. Modern and historical approaches to psychology are covered. Studying human behavior from a Christian and scientific approach is emphasized.

International Affairs

Prerequisite: Successful completion of US History and either World Geography OR World History

The emphasis of this course is the investigation of world leaders, countries and issues facing them as they interact in the international community. The goal is to make students aware of the world and cause them to look analytically at issues in the news.

Issues in Economics

Prerequisite: Successful completion of 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)

Prerequisite: Successful completion of US History AND World History. Can be used to meet the American Government graduation requirement.

This course is the study of seven countries and the general concepts used to interpret the political relationships found in national polities. The course is taught under the 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. Students should expect a college-level assignment load. This class may be used 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 this class or the AP Government and Politics course to graduate from high school.

THEOLOGY

Introduction to the Gospel

Prerequisite: Placement

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: Placement or successful completion of Introduction to the Gospel.

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

Students study the contents of the New Testament. Basic themes will continue from Old Testament class. The first half of the class introduces students to the contents of the gospels emphasizing the gospel message. The second half introduces students to the apostolic church 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 is the nature and life of God's people gathered together by common faith in Jesus Christ. Who is Jesus? What has he taught? What does it mean to share this faith in common? How do we live together in response to Christ's teachings? 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

Devoted to equipping students to engage their culture with the gospel of Jesus Christ. Emphases include worldviews of our unbelieving neighbors, sharing the gospel in a meaningful way and giving a defense for the hope we have within us. Class includes a survey of the world's major non-Christian worldviews, religions, cults, and the occult. The second half of the course prepares students to defend their faith in the academic environment of the modern post-Christian university. The study of apologetics examines the 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 and instructor approval.

The student works as a teacher's assistant for the 'Introduction to the Gospel' course. The mentor student works with the teacher to present the basic Gospel message and build relationships with students. Open to senior students who successfully completed prerequisites, who has demonstrated personal responsibility, dedication to the Christian faith, and spiritual maturity, and who participates regularly in the worship life of his or her congregation. The mentor will work with the teacher to define personal and professional goals, out of which the teacher will determine a set of objectives and tasks for the mentor. The student will be evaluated pass/fail according to the objectives and tasks set by the teacher.

Planning Your High School Coursework

Use this planning sheet as you prepare for formal registration via PowerSchool.

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

Being the Church (1 credit)

American Literature (1 credit)

credit)

US History (1 credit)

_____ (Science - 1 credit)

_____ (Math - 1 credit)

_____ (Elective)

_____ (Elective)

_____ (Elective)

SENIOR YEAR

Christ & Culture (1 credit)

_____ American Govt. & Citizenship (1

_____ Or AP Comparative Gov't/

_____ (English - 1 credit)

_____ (Elective - 1 credit)

English

4 credits required for graduation including Comm I, Comm II and American Lit.

Intro to Comm. Arts

Gr 9 Placement?



Communications I

Gr. 9 Placement or Gr. 10



Communications II

Gr. 10 or Gr. 11



American Literature

Gr. 11 or Gr. 12



Or

English Symposium

Prereq: Am Lit

AP English Literature

Prereq: Am Lit



Pub.Spkg & Theater

Gr. 11 or Gr. 12

Does not meet English Grad Requirement

Elective Options

Exp. In Writing

Gr. 11 or Gr. 12

Does not meet English Grad Requirement

Science

3 credits required for graduation including Conceptual Physics, Biology and Chemistry

Conceptual Physics

Gr 9 Required



Biology

Gr.10 Required



Chemistry I

Prereq: Biology



Astronomy

Prereq: Biology



Chemistry II

Prereq: Chem & Alg. 2

Anatomy & Physiology

Prereq: Biology & Chem 1

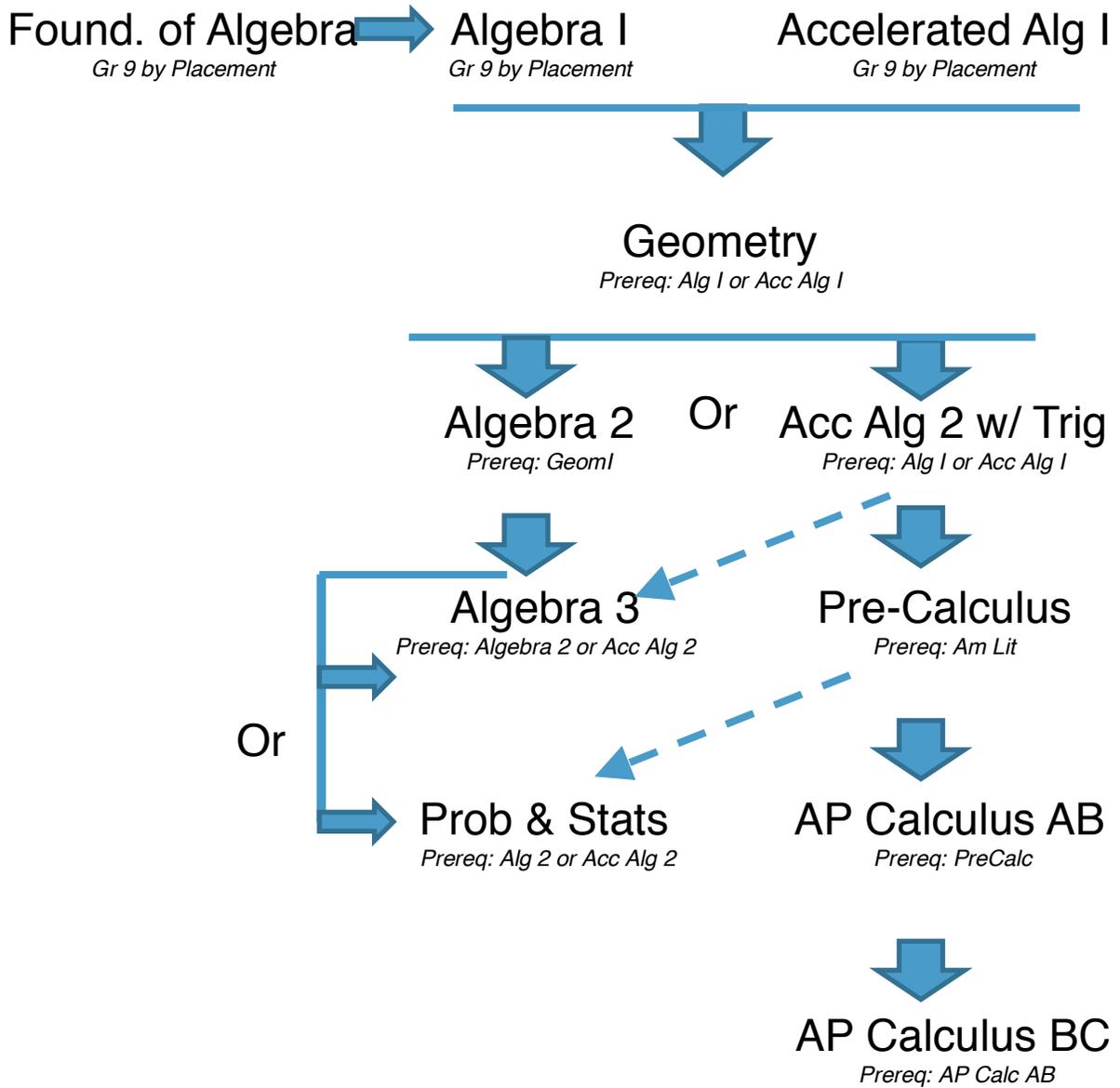
Advanced Physics

Prereq: Alg 2, or Adv Alg2

Elective Options

Mathematics

3 credits required for graduation. Students considering careers in STEM fields should attempt to complete curriculum through Pre-Calculus or beyond before graduation.



Social Sciences

3 credits required for graduation including courses in US History and American Government

World Geography

Required Grade 9



World History

Required Grade 10



U.S. History

Required Grade 11



International Affairs

Prereq: World Hist or World Geog, + US History

Issues in Economics

Prereq: US History

AP Comparative Governments

Prereq: World History and US History

Introduction to Psychology

Prereq: Grade 12 status

Am. Gov't & Citizenship

Elective Options

