



CONCORDIA

LUTHERAN HIGH SCHOOL

**ACADEMIC
COURSE GUIDE
2019-2020**

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Tomball, Texas 77375

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PURPOSE

Concordia Lutheran High School was established to provide a learning environment that has as its focus the redeeming love of Jesus Christ. An education at Concordia helps students understand the importance of basing their pursuit of excellence upon the foundation of Christ.

Mission Statement

BUILDING LIVES OF EXCELLENCE UPON THE FOUNDATION OF CHRIST

Vision Statement

Concordia Lutheran High School is the school of choice for students and families in the Greater Houston area.

Our Core Values

Christ-centered

Our foundation upon Jesus Christ, who values all people, inspires us to view people through His eyes and serve Him in all that we do.

Relationships

We strive to establish an environment built on respect where Grace is received and applied as individuals interact with one another.

Collaboration

We honor a teamwork approach to problem solving and decision-making which is aligned with our Christian worldview.

Stewardship

We pledge to faithfully utilize our God-given abilities to manage the gifts we are given.

Excellence

We pursue distinction and high standards in an atmosphere of diverse opportunities.

ACADEMIC ADMINISTRATION

Principal

Julie A. Kangas

*Concordia University, Irvine, BA
Pepperdine University, M.Ed.*

Assistant Principal

Matthew J. Schleicher

*Concordia University, Wisconsin, BA
Concordia University, Nebraska, M.Ed.*

Assistant Principal

Andrew M. Schultz

*Concordia University, Nebraska, BS
Concordia University, Texas, M.Ed.*

Director of Curriculum

Kim Odinga

*Concordia University, Wisconsin, BS
Concordia University, Irvine, M. Ed.*

COUNSELING

College Counselor
(11-12)

Tami W. Brennan

*Concordia University, Nebraska, BS
University of California, Los Angeles,
College Counseling Certification*

Guidance Counselor
(10-11)

Terilyn A. Kirchenberg

Concordia University, Irvine, BA

Freshman Counselor
(9)

J. Scot Walter

*Concordia University, Nebraska, BS
Sam Houston State University, M.Ed.*

DEPARTMENT HEADS

Theology

Rev. Ryan Neuhaus

*Texas A&M University, College Station, BS
Concordia Seminary, St. Louis, M.Div.*

Language Arts

Sarah Styf

*Concordia University, Nebraska, BS, BA
Indiana University, MA*

Mathematics

Jeff Kroemer

*Concordia University, Nebraska, BS
Webster University, MA*

Science

Dr. Eric Oblinger

*University of Arizona, BS
Wayne State University, Ph.D.*

Social Studies

Matt Straub

*Concordia University, Nebraska, BS
Sam Houston State University, M.Ed.*

Foreign Language

Seth Bahr

Wisconsin Lutheran College, BA

Fine Arts

Jonathan Held

*Concordia University, Chicago, BME
Southern Oregon University, MM*

Business/Technology

Brandy Elrod

*Prairie View A&M University, BS
Texas A&M University, M.Ag
Mississippi State University, MS*

Athletics

Matt Neidigk

*Concordia University, Wisconsin, BS
Arkansas State University, M. Ed.*

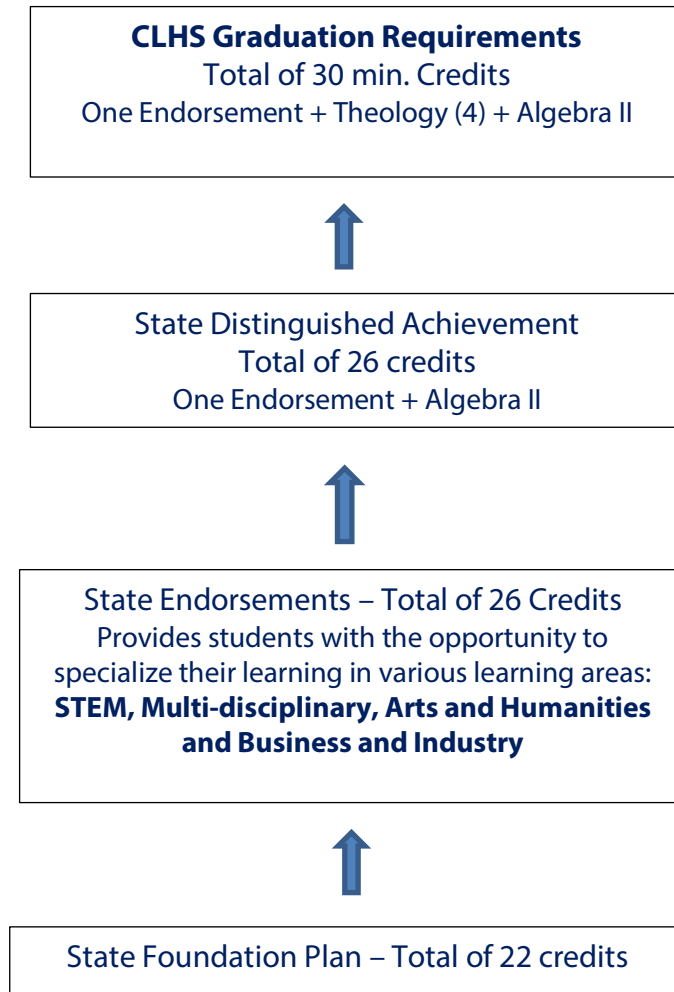
Agriculture Sciences

Brandy Elrod

*Prairie View A&M University, BS
Texas A&M University, M.Ag
Mississippi State University, MS*

Concordia Lutheran High School Graduation Plan

The State of Texas state graduation plans resemble a series of layers and offers students various ways to prepare for their career choice while they are still in high school.



The CLHS graduation plan ensures that students are eligible for admission into colleges and universities. All CLHS graduates will receive, at minimum, the Multi-Disciplinary Endorsement and the Distinguished Achievement. Students will, however, have the opportunity to add additional endorsements utilizing their electives. It is likely that most students from CLHS will complete several endorsements.

ENDORSEMENTS

The following endorsements will be offered at CLHS.
At CLHS the following credits are required for each endorsement.

Class of 2020

Required	Optional	Optional	Optional
Multi-disciplinary	STEM	Arts & Humanities	Business & Industry
<p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II for Distinguished Achievement <p>4 – Social Studies Credits</p> <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Biology • Must include Chemistry and/or Physics <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>0.5 – Speech Credit</p> <p>1 – Technology Credit</p> <p>4.5 – Elective Credits</p>	<p>STEM can be achieved at CLHS with a math <u>or</u> science focus. If a math focus is selected a student needs 5 credits in math and only 4 in science. If a science focus is selected a student needs 5 science credits and only 4 in math.</p> <p><u>MATH Focus</u></p> <p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>5 – Math Credits*</p> <ul style="list-style-type: none"> • Must include Algebra II and two additional math courses where Algebra II is a prerequisite. <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Chemistry and/or Physics <p>4 – Social Studies Credits</p> <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>.5 – Speech Credit</p> <p>1 – Technology Credit</p> <p>3.5 – Elective Credits</p> <p><u>SCIENCE Focus</u></p> <p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II <p>5 – Science Credits*</p> <ul style="list-style-type: none"> • Must include Biology, Chemistry and Physics <p>4 – Social Studies Credits</p> <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>.5 – Speech Credit</p> <p>1 – Technology Credit</p> <p>3.5 – Elective Credits</p>	<p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II for Distinguished Achievement <p>4 – Social Studies Credits</p> <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Chemistry and/or Physics <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>.5 – Speech Credit</p> <p>1 – Technology Credit</p> <p>4.5 – Elective Credits</p> <p>To earn this endorsement, students may use their elective credits to satisfy any <u>one</u> of the following:</p> <ul style="list-style-type: none"> • Two additional years in the same foreign language equaling 4 sequential years in one foreign language. <p>OR</p> <ul style="list-style-type: none"> • Two additional years of a different foreign language. <p>OR</p> <ul style="list-style-type: none"> • One additional credit in social studies <p>OR</p> <ul style="list-style-type: none"> • Three additional years of fine art credit. Choosing from one or two categories sequential credits must be taken in fine arts. 	<p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II for Distinguished Achievement <p>4 – Social Studies Credits</p> <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Chemistry and/or Physics <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>.5 – Speech Credit</p> <p>1 – Technology Credit</p> <p>4.5 – Elective Credits</p> <p>Students may use their elective credits to earn 4 elective credits in the Career Technical Education area (CTE). Two credits must be sequential and in one area. CTE credit areas are:</p> <ul style="list-style-type: none"> • Agriculture, Food and Natural Resources • Audio/Video Technology & Communications <p>OR</p> <p>Students may use elective credits to earn 3 additional English credits. Credits must be sequential in one of the following areas:</p> <ul style="list-style-type: none"> • Debate • Oral Interp. • Journalism <p>OR</p> <p>Students may use their elective credits to earn 4 credits in audio visual technology / digital design.</p>

ENDORSEMENTS

The following endorsements will be offered at CLHS.

At CLHS the following credits are required for each endorsement.

Class of 2021 and Beyond

Required	Optional	Optional	Optional
Multi-disciplinary	STEM	Arts & Humanities	Business & Industry
<p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II for Distinguished Achievement <p>4 – Social Studies Credits</p> <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Biology • Must include Chemistry and/or Physics <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>1 – Technology Credit</p> <p>5 – Elective Credits</p>	<p>STEM can be achieved at CLHS with a math <u>or</u> science focus. If a math focus is selected, a student needs 5 credits in math and only 4 in science. If a science focus is selected, a student needs 5 science credits and only 4 in math.</p> <p><u>MATH Focus</u></p> <p>4 - English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>5 – Math Credits*</p> <ul style="list-style-type: none"> • Must include Algebra II and two additional math courses where Algebra II is a prerequisite. <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Chemistry and/or Physics <p>4 – Social Studies Credits</p> <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>1 – Technology Credit</p> <p>4 – Elective Credits</p> <p><u>SCIENCE Focus</u></p> <p>4 - English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II <p>5 – Science Credits*</p> <ul style="list-style-type: none"> • Must include Biology, Chemistry and Physics <p>4 – Social Studies Credits</p> <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>1 – Technology Credit</p> <p>4 – Elective Credits</p>	<p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II for Distinguished Achievement <p>4 – Social Studies Credits</p> <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Chemistry and/or Physics <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>1 – Technology Credit</p> <p>5 – Elective Credits</p> <p>To earn this endorsement, students may use their elective credits to satisfy any <u>one</u> of the following:</p> <ul style="list-style-type: none"> • Two additional years in the same foreign language equaling 4 sequential years in one foreign language. <p>OR</p> <ul style="list-style-type: none"> • Two additional years of a different foreign language. <p>OR</p> <ul style="list-style-type: none"> • One additional credit in social studies <p>OR</p> <ul style="list-style-type: none"> • Three additional years of fine art credit. Choosing from one or two categories sequential credits must be taken in fine arts. 	<p>4 – English Credits</p> <ul style="list-style-type: none"> • Must include English IV <p>4 – Math Credits</p> <ul style="list-style-type: none"> • Must include Algebra II for Distinguished Achievement <p>4 – Social Studies Credits</p> <p>4 – Science Credits</p> <ul style="list-style-type: none"> • Must include Chemistry and/or Physics <p>4 – Theology Credits</p> <p>1 – Physical Education Credit</p> <p>2 – Credits in the same foreign language</p> <p>1 – Fine Art Credit</p> <p>1 – Technology Credit</p> <p>5 – Elective Credits</p> <p>Students may use their elective credits to earn 4 elective credits in the Career Technical Education area (CTE). Two credits must be sequential and in one area. CTE credit areas are:</p> <ul style="list-style-type: none"> • Agriculture, Food and Natural Resources • Audio/Video Technology & Communications <p>OR</p> <p>Students may use elective credits to earn 3 additional English credits. Credits must be sequential in one of the following areas:</p> <ul style="list-style-type: none"> • Debate • Oral Interp. • Journalism <p>OR</p> <p>Students may use their elective credits to earn 4 credits in audio visual technology/digital design.</p>

ACADEMICS

BASIC ACADEMIC INFORMATION

ACADEMIC GUIDANCE

The Guidance Counselors are available by appointment for educational planning, interpretation of standardized test scores, occupational information, and assistance in applying for college and scholarships.

ACADEMIC PACE

Students are promoted based on the total number of credits earned:

7.5 credits = Sophomore
15.0 credits = Junior
22.5 credits = Senior

FINAL EXAMS

Final exams constitute 15% of the semester final grade. Final exams take place the last two days of each semester. These days are scheduled as half days. A final exam schedule will be available a few weeks prior to the end of the semester. Failure to appear for a final exam may result in a score of zero on that exam. Unless otherwise communicated, students are to be in normal dress code during finals. A student is not required to be on campus if they don't have a final exam during a specific testing period.

GRADING AND GRADE POINT AVERAGE (GPA)

PERCENT	GRADE	PAP/AP	ON-LEVEL
90-100	A	5	4
80-89	B	4	3
75-79	C	3	2
70-74	D	1	1
Below 70	F	0	0

Dual Credit Grading Scale (as per Lone Star College):

90 – 100	A	5
80 – 89	B	4
70 – 79	C	3
60 – 69	D	1
0 – 59	F	0

A student's grade point average (GPA) is expressed as a mathematical average taken out to four decimal places. The GPA is determined by adding up the points for all classes and dividing by the number of semester credits attempted. A semester credit is a half credit and is earned for each class passed every semester.

An incomplete (“I”) grade will be considered a failing grade until the work has been made up. If credit is lost in a course due to excessive absences, which are not made up, a grade of “F” for the course is recorded on the transcript and is included in the student’s GPA.

Students who transfer into CLHS with H/PAP/AP/DC classes that CLHS did not offer the same year will receive the grade points of an on-level class. For transfer students to receive advanced grade points for a course, the course must have advanced designation (H, PAP, AP, DC) on the Official Transcript received from the student’s previous school. Grades and credits transferred from other schools are counted the same as they would be if the credit had been earned at CLHS.

Students are not allowed to repeat a course they have passed in order to improve their grades or take classes for audit purposes only. Classes repeated for “skills and review” will not be taken for credit and the grade will not be included in the GPA. The grade will be entered on the transcript and may affect course placement. Students repeating a course for “skills and review” are required to complete all course work and exams.

RANKING

Due to a selective admissions process, the CLHS student body is atypical; thus, ranking students strictly by grade point average would not accurately reflect a student’s accomplishments or capabilities. Only the top 10% will receive a numerical rank. Official ranking for the top 10% will be provided to students in the summer prior to their senior year. The Valedictorian and Salutatorian are determined by the 7th semester ranking.

REPORTS TO PARENTS

Concordia Lutheran High School uses Rediker online student management software, which provides student and parent access to “live” student information such as grades, attendance, and discipline records. Additionally, the teacher will contact the parents/guardians at any time during the reporting period when there is a clear indication the student is doing unsatisfactory work. Parent-Teacher Conferences will be held on a given date by appointment in the middle of the first semester. Parents are encouraged to regularly check our online resources for updates and to email teachers with any questions that might arise during the academic year.

SCHEDULING

Students will select courses with their grade level counselors. Students will have their tentative class schedules in advance of the beginning of the semester. No changes in student class schedules will be made without valid reasons such as error in scheduling, the need to meet graduation requirements, scheduled class not offered, etc. A student may initiate withdrawal from one course and transfer to another course before the second Friday of the semester. Requests for second semester schedule changes must be submitted prior to final exams in December.

A student/parent may not initiate a drop or transfer to another class after the initial time period described above without receiving a withdrawal/failure (W/F) for the semester grade. A \$50.00 withdrawal fee may be assessed, and the grade will be included in the student’s GPA.

TESTS AND GRADES

Students earn points in a cumulative manner throughout the entire semester. At the end of each semester, final exams will be given. In calculating the semester average, the final exam will not exceed 15% of the final grade. Cheating or suspension from school may result in a zero on the assignment/assessment, and there may be additional disciplinary consequences as well.

TRANSCRIPTS

All Official Transcripts must be requested using Naviance Student at least two weeks before the transcript is needed. No Official Transcript will be issued to a student or parent. The first four transcripts are free. A fee of \$5.00 will be assessed for each additional transcript. Billing will not take place until May of the student's senior year.

Unofficial transcripts may be accessed and printed by students and parents from Plus Portals.

ACADEMIC SERVICES

Concordia Lutheran High School's Academic Services exist to assist students with special learning needs, thereby providing families and teachers with information, evaluations, resources, and compensation strategies. This program strives to aid and support teachers and to enable students to learn in a mainstream environment. A modified curriculum is not available. The school is not professionally prepared or equipped to effectively help students with certain learning disabilities or certain attention disorders which inhibit the educational process. If needed, students may receive a full individual evaluation to determine eligibility for services. Accommodations may include:

- Oral administration of tests
- Extended time for tests
- Separate room to take tests
- Assistance in study and organizational skills

If a student is eligible for accommodations based upon an appropriate evaluation, CLHS has the authority to determine the need for and the development of a formal plan of services.

COURSE/CREDIT INFORMATION

HIGH SCHOOL CREDIT FOR MIDDLE SCHOOL COURSES

CLHS will honor high school credits earned while in middle school if the course was taken at an accredited school and if the course was taught for high school credit as indicated on the middle school transcript. Grades for high school courses earned in middle school will be placed on the official transcript, but will not be included in the student's cumulative GPA.

NON-ACCREDITED OR HOME-SCHOOLED MIDDLE/HIGH SCHOOL PROGRAMS

CLHS does not accept credits from non-accredited private schools or home-schooled programs not recognized by the State of Texas. Students seeking admission to Concordia from these schools or programs will be required to take Credit by Exam (CBE) to receive credit. The grade earned on the CBE will be the grade entered on the transcript and calculated into the student's cumulative GPA.

HONORS/PAP/AP CLASSES

To initially qualify for Honors, PAP, or AP classes, a student must have:

1. A "93" average in the current subject area
2. A cumulative GPA of 3.5 or higher
3. Departmental approval

To qualify for additional Honors, PAP, or AP classes, a student must have:

1. An "85" average in the current subject area
2. A cumulative GPA of 3.5 or higher
3. Departmental approval

A semester grade of "C" allows the student to remain in the honors class and the extra point will be added to the GPA. A student may be dropped if a semester grade lower than a 75% is earned or at the recommendation of the teacher and the guidance counselor. Balance needs to be maintained in a student's schedule. A student is not allowed to drop a class past the initial drop date. A student who commits to upper-level classes must remain in them all year.

OFF-CAMPUS PHYSICAL EDUCATION CREDIT

Requests for waivers for approval of private or commercially sponsored physical activity programs will be considered only for programs not offered at CLHS that lead to Olympic-level participation and/or competition. These programs will involve a minimum of fifteen hours per week of highly intense, professionally supervised training. The training facility, instructors, and activities involved in the program must be approved by the Principal (or designee) and be of exceptional quality.

Students participating at this level may receive a maximum of a half credit per semester. During his/her high school years, a participating student may earn a total of four credits toward graduation.

In all cases, it is the responsibility of the student to provide evidence that both the level of participation and the quality of the program meet the above requirements. Documentation of participation in the program must be on file in the Registrar's Office by the last regular class day of the semester (before final exams). Grades will be Pass/Fail (P/F) and will not be included in the student's cumulative GPA.

PHYSICAL EDUCATION

Students are required to earn one P.E. credit. A student who is unable to comply with all the requirements of a P.E. course due to a physical limitation certified by a licensed medical practitioner may still receive credit if the student demonstrates proficiency in the relevant knowledge and skills that do not require physical activity as a part of a modified P.E. course. Documentation must be filed with the Registrar each semester before the exception will be granted. There is a limit of a half credit in physical education per semester. A student may earn a total of four P.E. credits toward graduation.

PHYSICAL EDUCATION FOR STUDENTS IN THE CLASS OF 2021 and BEYOND

Beginning with the 2017-2018 school year, the first two credits an athlete earns will be issued a grade, and the grade will be entered on the student's transcript and calculated into the student's cumulative GPA. After the first two credits, an athlete can continue to earn elective credit towards graduation, but the grade issued and entered on the student's transcript will be Pass/Fail (P/F) and will not be included in the student's GPA.

NON-ATHLETIC PERIOD SPORTS

Students not enrolled in P.E. or Athletic Period will earn a half credit for completing a full season in any CLHS sport. A grade will be issued, and the grade will be entered on the student's transcript and calculated into the student's cumulative GPA. There is a limit of a half credit in physical education per semester. A student may earn a total of four P.E. credits toward graduation.

STUDY HALL/STUDENT AIDE

A student may choose to have a study hall or request assignment as a student aide. The student will not be allowed to request two study halls. Assignment as a teacher aide or office aide requires approval from the Junior/Senior Guidance Counselor. No grade or credit will be granted for study hall or student aide.

SUMMER SCHOOL AND CORRESPONDENCE COURSE CREDIT

1. No more than four original credits may be granted toward graduation requirements. These four credits may be earned through summer school, an online course, and/or credit by exam (CBE) through Texas Tech University and must be pre-approved by the student's guidance counselor.
2. The grade received for an online course/CBE will be the grade entered on the student's transcript and included in the student's GPA.
3. If a student fails any first semester or second semester course, the course must be repeated. The failing semester grade will be included in the student's GPA.
4. Students who fail the second semester of math or foreign language class and do not make up the credit in summer school will repeat the entire class the following year. No additional credit will be given for the first semester and the grade will not be included in the student's GPA.
5. The Counseling Office will provide information for credit recovery.

INDEPENDENT STUDY

An independent study option may be available for only one class per semester to sophomore, junior, and senior students who have conflicts in their schedules which cannot otherwise be resolved. See your guidance counselor for detailed information.

ADVANCED ACADEMIC INFORMATION

ADVANCED PLACEMENT TESTING

Courses are offered that cover college level material. Advanced Placement (AP) tests are available at the end of each school year and these tests may give students college credit for the courses taken. More information regarding courses and test requirements is available in the Counseling Office.

EARLY COLLEGE ADMISSION

CLHS is committed to the training of our own teachers for Advanced Placement courses and Dual Credit courses taken at CLHS. By taking these courses, students may earn both high school and college credit.

Enrollment in Dual Credit courses must meet Lone Star College requirements (see a guidance counselor for details). The Counseling Office also has information regarding the TSI and Accuplacer tests and their connection to dual credit enrollment.

COLLEGE AND THE GPA

Each school or district varies in the calculation of the GPA. Colleges do not compare GPAs between schools. Colleges are only interested in how the student's current school calculates the GPA. A school profile with a key to the grading scale is sent with every Official Transcript.

STANDARDIZED TESTING

CLHS students take the following standardized tests in the fall of each year:

<u>CLASS</u>	<u>TEST</u>
Freshmen	PSAT 8/9
Sophomores	PSAT
Juniors	PSAT

Students register for and begin taking the ACT/SAT tests during their junior year.

GRADUATION REQUIREMENTS

GRADUATION PLAN

CLHS students must successfully complete a minimum of thirty credits for graduation. Students must meet the State of Texas Foundation Graduation Plan requirements. The Foundation Graduation Plan requires students to select an Endorsement. Endorsements provide students the opportunity to take courses in their area(s) of interest. Endorsements offered at CLHS include: Multi-Disciplinary; Science, Technology, Engineering and Mathematics (STEM); Arts and Humanities; and Business and Industry.

All CLHS students will graduate with the Multi-Disciplinary Endorsement which requires students to take a minimum of four courses in each core area (science, math, English, and social studies). In addition, students are required to take one year of technology, one semester of communication applications, two years of the same foreign language, one year of physical education, and one year of a fine art. Students at Concordia are also required to take four years of theology. Students are left with four and a half elective credits that they can use toward earning other endorsements.

The State of Texas will also recognize students as Distinguished if they complete Algebra II. Algebra II is a required course at CLHS, therefore, all graduates will earn the Distinguished recognition.

Beginning with the Class of 2021, the Communication Applications credit will no longer be required. Elective credit requirements will be five credits instead of four and a half credits.

GRADUATION POLICY

CLHS students must successfully complete thirty credits. All graduation requirements must be met to participate in graduation exercises.

The Valedictorian and Salutatorian will be the two highest ranking graduates after seven semesters and must have attended CLHS for four consecutive semesters immediately prior to graduation. If there is a tie after the GPA is carried four digits to the right of the decimal point, Co-Valedictorians will be declared and there will be no Salutatorian.

DIPLOMA POLICY

A student must fulfill all graduation requirements and have no outstanding financial obligations with the business office to receive a diploma from Concordia Lutheran High School.

AWARDS AND HONORS

ACADEMIC AND FINE ARTS LETTERS

An academic letter can be earned by achieving a 3.8 or above GPA for the first semester of a school year. No grade can be below a "C" for academic letter qualifications.

NATIONAL HONOR SOCIETY

Students selected for membership in NHS are expected to demonstrate the qualities of scholarship, service, leadership, and character. Transferring students with NHS membership must meet the requirements of this chapter. All transfer students not holding current membership in NHS at the time of transfer must attend CLHS for one full semester before selection will be considered. All second semester sophomores, juniors, and seniors fulfilling the requirements for scholarship (3.8 GPA or higher) will be considered for membership by the Faculty Council. Members of NHS may be dismissed for failing to maintain the standards of scholarship, leadership, service, and character. Please contact the NHS faculty advisor for more information.

HONOR ROLL

Honor Roll status is earned by students who have a 3.5 GPA or above for a semester. No grade can be below a "C" for Honor Roll qualifications

ADDITIONAL ACADEMIC INFORMATION

AAT

Academic Assistance Time (AAT) is time specifically set aside to help those students looking for additional scholastic support. AAT takes place on the 2nd, 3rd, and 4th Thursdays of each month prior to school from 7:30 – 8:15 A.M. AAT attendance is mandatory for those students whose teachers have instructed them to be present.

ACADEMIC PROBATION

The school may place a student on Academic Probation when that student's GPA falls below 2.0 or a student fails multiple classes in any given semester. This academic probation will include an individual academic growth plan provided by the Counseling Office.

THEOLOGY

The theology department at CLHS is committed to proclaiming the good news of Jesus Christ, so each student will (1) know that they, too, are part of God's Redemptive story through faith in Jesus Christ, (2) have the opportunity to live as ambassadors of Christ, and (3) be able to provide an appropriate witness to critics of the Christian faith.

FRESHMAN THEOLOGY – BIBLICAL FOUNDATIONS

HEBREW SCRIPTURE (OLD TESTAMENT)

1 semester...0.5 credit

This is a one-semester course exploring the content, message, literature, and history of the Old Testament. Particular attention is given to how Scripture and the message of the Gospel have influenced culture through the ages to today. Students will gain knowledge of Biblical content (Old Testament), characters, poetry, and narratives that are prerequisites to understanding contemporary society and culture, including literature, art, music, social mores, oratory, and public policy.

N.B., This theology course fulfills TEKS 113.38 requirements for 0.5 credit elective course in Social Studies.

NEW TESTAMENT

1 semester...0.5 credit

This is a one-semester course exploring the content, message, literature, and history of the New Testament. Particular attention is given to how Scripture and the message of the Gospel have influenced culture through the ages to today. Students will gain knowledge of Biblical content (New Testament), characters, poetry, and narratives that are prerequisites to understanding contemporary society and culture, including literature, art, music, social mores, oratory, and public policy.

N.B., This theology course fulfills TEKS 113.38 requirements for a 0.5 credit elective course in Social Studies.

SOPHOMORE THEOLOGY – INTERPRETING GOD'S WORD

INTERPRETATION OF SCRIPTURE

1 semester...0.5 credit

This is a one-semester course exploring the principles of Biblical understanding and basic skills of Biblical interpretation. Students will learn how to make sense of the Biblical message through an interpretive framework. Students will also learn how to report the findings of their research in an exegetical paper and learn how to present their findings as the leader in a small group bible study.

INTRODUCTION TO BIBLICAL AND HISTORICAL THEOLOGY

1 semester...0.5 credit

This is a one-semester course exploring the major Biblical teachings and how these teachings are challenged and upheld through the history of the Christian Church. Special focus will be given on how Christian leaders through the centuries have maintained a Biblical worldview while applying the Gospel message to their immediate context.

JUNIOR THEOLOGY – DISCOVERING ONE’S PURPOSE AND MISSION IN LIFE

CHRISTIAN VOCATION AND WORSHIP

1 semester...0.5 credit

This is a one-semester course exploring the Christian life and daily acts of worship. The course will provide students with a perspective of living to honor God as a student, worker, leader, and disciple. Students will engage in lab experiences of developing mission statements, working with Christian leaders in the community, and living out their Christian witness in the immediate community.

CHRISTIAN LIFE OF PEACE

1 semester...0.5 credit

This one-semester course will look at John 20:26 and explore what it looks like to bring peace into a fallen world. This unit will provide students with the skills of how to confront conflict in a peaceful manner and develop conflict mediation skills. One unit of this class will be devoted to learning about God’s design for relationships and intimacy.

CHRISTIAN SOCIAL ACTION – BY APPLICATION

2 semesters...1 credit

This year long course is open to 11th grade students who will enroll through an application process. This Theology course is designed to teach students about social justice and responsibility in the context of our Christian faith. Topics will include local and global poverty, homelessness, human trafficking, refugees, education, water and health, sustainable development, and more. Students will move beyond the classroom and work for a selected non-profit or service organization on Wednesday/Thursday block days throughout the school year. Students will develop ongoing relationships where they volunteer and serve weekly, while in-class projects and reflections will promote greater social awareness, leadership, and spiritual growth.

Prerequisite: Application

SENIOR THEOLOGY – THE CHRISTIAN IN AN UNCHURCHED CULTURE

CHRISTIAN APOLOGETICS

1 semester...0.5 credit

This is a one-semester course devoted to preparing and equipping the student to defend the faith from modern and postmodern criticism. Special emphasis is given to challenging students to develop critical thinking skills, to develop skills in sharing the story of salvation, and to understand how to provide an appropriate witness to critics of the Christian faith.

CHRISTIAN ETHICS

1 semester...0.5 credit

This is a one-semester course exploring ethical systems and Biblical ethics. Students will learn how to process the aspects of various ethical dilemmas. They will develop skills in assessing these situations using various systems of consideration. Students will be challenged daily to apply a Biblical worldview to difficult circumstances in a reasonable and comprehensive manner.

STUDENT LEADERSHIP I – BY INVITATION

Grade 10...1 semester...0.5 credit

This course is designed for students who serve in leadership positions as club or class officers and team captains. Its purpose is to prepare students to assume specific responsibilities in their positions, as well as motivate them to take responsibility for their future and teach them the skills they will need to succeed as leaders.

Prerequisite: Application

STUDENT LEADERSHIP II – BY INVITATION

Grades 11-12...1 semester...0.5 credit

This course is designed for students who serve in leadership positions as club or class officers and team captains. Its purpose is to deepen the student's understanding in personal responsibility, team accountability, commitment, team leadership, and championship culture.

Prerequisite: Application

LANGUAGE ARTS

ENGLISH I

Grade 9...2 semesters...1 credit

English I combines grammar usage, journal writing, vocabulary, the writing process, essay development, and various genres of literature. Emphasis is placed on grammatical rules and usage, the Greek myths, a Shakespearean play, a novel, and a research paper.

ENGLISH I PAP

Grade 9...2 semesters...1 credit

In addition to all the elements of English I, the English I PAP course follows the Advanced Placement standard criteria for writing and literary analysis. Higher-level vocabulary is incorporated, as well as extensive research techniques. This course is for the highly organized, responsible, and self-motivated student who is preparing to work at the college level and take the AP exam at the end of English III and English IV.

Prerequisite: Entrance Exam results are used to determine placement into PAP.

ENGLISH II

Grade 10...2 semesters...1 credit

English II combines units of writing and reading. Emphasis is placed on the various genres of literature, writing skills, grammatical rules and usage, and various forms of writing, including journal writing, creative writing, and thesis papers. Vocabulary is also stressed this year.

ENGLISH II PAP

Grade 10...2 semesters...1 credit

In addition to the elements of English II, the English II PAP course follows the standard criteria, guidelines, and expectations for literary analysis and college-level writing. The novel-based, thematic organization of the class allows for individual student growth through a variety of literary genres (nonfiction, poetry, etc.) and related projects. Vocabulary is emphasized. This course requires a student who is highly organized, responsible, self-motivated, and willing to put in extra time and effort outside the classroom.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in English I PAP or 93% or higher in English I, and departmental/counselor approval

ENGLISH III

Grade 11...2 semesters...1 credit

English III combines American literature with the study of grammar and writing. Emphasis is placed on the various genres and literary periods in American literature, the writing process, grammatical rules and usage, journal writing, and vocabulary.

ENGLISH III AP LANGUAGE AND COMPOSITION

Grade 11...2 semesters...1 credit

In addition to all the elements of English III, the English III AP course follows the standard criteria, guidelines, and expectations for literary analysis, and college-level writing. The novel-based, thematic organization of the class allows for individual student growth through a variety of literary genres (nonfiction, poetry, etc.) and related projects. Vocabulary is emphasized. This course requires a student who is highly organized, responsible, self-motivated, and willing to put in extra time and effort outside the classroom. The AP student will be prepared to take the AP Language and Composition exam at the end of English III AP.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in English II PAP or 93% or higher in English II, and departmental/counselor approval

Reconsideration of a Novel Taught in English Class

The English Department, with the approval of the principal, carefully selects novels based upon the book's academic merit. If a parent has concerns regarding a novel's content, first contact the teacher and then the English instructional leader and, if necessary, the principal.

ENGLISH III DC

Grades 11...2 semesters...1 high school credit...6 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in May for the fall semester at Lone Star College – Tomball. A grade of C or better is required for college credit. English 1301 involves students in the intensive study and practice of writing processes, from invention and research to drafting, editing, and revising, both individually and collaboratively. Emphasis is placed on effective rhetorical choices, including audience, purpose, arrangement, and style. English 1301 focuses on writing the academic essay as a vehicle for learning, communicating, and analysis.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in English II PAP or 93% or higher in English II, and departmental/counselor approval and acceptance into Lone Star College

ENGLISH IV

Grade 12...2 semesters...1 credit

In addition to enhancing skills in college level composition, critical thinking, and research developed over the course of English I, II, and III, English IV emphasizes Genre Studies in Literature, including the Novel, The Short Story, Poetry, Drama (focus on British drama), and Film. The course also explores technical and professional writing as a means of preparing students for composition outside of the classroom.

ENGLISH IV AP LITERATURE AND COMPOSITION

Grade 12...2 semesters...1 credit

In addition to all the elements of English IV, the English IV AP course follows the standard criteria, guidelines, and expectations for literary analysis and college-level writing. The novel-based, thematic organization of the class allows for individual student growth through a variety of literary genres (nonfiction, poetry, etc.) and related projects. Vocabulary is emphasized. This course requires a student who is highly organized, responsible, self-motivated, and willing to put in extra time and effort outside the classroom. The AP student will be prepared to take the AP Literature and Composition exam at the end of English IV AP.

Prerequisites: A cumulative GPA of 3.5 or higher, 80% or higher in English III AP or 93% or higher in English III, and departmental/counselor approval

Reconsideration of a Novel Taught in English Class

The English Department, with the approval of the principal, carefully selects novels based upon the book's academic merit. If a parent has concerns regarding a novel's content, first contact the teacher and then the English instructional leader and, if necessary, the principal.

JOURNALISM – YEARBOOK I

Grades 9-12...2 semesters...1 credit

This course is designed to teach the journalism process (writing and layout) while producing (from start to finish) the school yearbook. Students are also responsible for raising the money to produce the yearbook through selling advertisements. Journalism – Yearbook I serves as an elective.

Prerequisite: Yearbook sponsor approval

JOURNALISM – YEARBOOK II

Grades 10-12...2 semesters...1 credit

This course is designed to teach the journalism process (writing and layout) while producing (from start to finish) the school yearbook. Students are also responsible for raising the money to produce the yearbook through selling advertisements. Students in Yearbook II work on the overall layout and design of the yearbook and will be assigned beginning editor responsibilities. Students intending to apply for an official editor position are expected to attend camp during the summer preceding Yearbook II. Journalism – Yearbook II serves as an elective. Students must apply with the teacher in the spring to take the class.

Prerequisites: Freshman English, Yearbook I, and Yearbook sponsor approval

JOURNALISM – YEARBOOK III

Grades 11-12...2 semesters...1 credit

This course is designed to teach the journalism process (writing and layout) while producing (from start to finish) the school yearbook. Students are also responsible for raising the money to produce the yearbook through selling advertisements. Students in Yearbook III work on the overall layout and design of the yearbook and will be assigned editor responsibilities. Students intending to apply for an official editor position are expected to attend camp during the summer preceding Yearbook III. Journalism – Yearbook III serves as an elective. Students must apply with the teacher in the spring to take the class.

Prerequisites: Freshman and Sophomore English, Yearbook II, and Yearbook sponsor approval

JOURNALISM – YEARBOOK IV

Grade 12...2 semesters...1 credit

This course is designed to teach the journalism process (writing and layout) while producing (from start to finish) the school yearbook. Students are also responsible for raising the money to produce the yearbook through selling advertisements. Student in Yearbook IV work on the overall layout and design of the yearbook and will be assigned editor responsibilities. Students intending to apply for an official editor position are expected to attend camp during the summer preceding Yearbook IV. Journalism – Yearbook IV serves as an elective. Students must apply with the teacher in the spring to take the class.
Prerequisites: Freshman, Sophomore, and Junior English, Yearbook III, and Yearbook sponsor approval

COMMUNICATION APPLICATIONS

Grades 9-12...1 semester...0.5 credit

Communication Applications is an interactive course designed to study and improve basic communication skills and elements, personal communication roles and responsibilities, group and social communication processes, as well as preparation, organization, and delivery techniques for public speaking.

DEBATE I

Grades 9-12...2 semesters...1 credit

Debate is designed to improve students' skills in speaking, listening, composing, and reasoning through practical experiences and applications, especially during scheduled competitions. The course includes a concentration in parliamentary procedure, the techniques of persuasion, means of detecting propaganda and fallacies, and building argument. Students will be exposed to extemporaneous speaking, original oratories, and/or Lincoln-Douglas and public forum debating. This course requires competitive speaking and debating in weekend tournaments. (Second semester fulfills Speech credit.)
Prerequisite: Teacher approval

DEBATE II, III, IV

Grades 10-12...2 semesters...1 credit

The student analyzes controversial issues, develops and demonstrates skills for debating propositions of value and policy, and applies the basic concepts of argumentation and refutation. Students will participate in extemporaneous speaking, original oratory, and/or Lincoln-Douglas and public forum debating. Since this course was developed and taught for competitive speaking and debate, students are required to compete in tournaments. This course will require practices and rehearsals prior to competition and performances. This is a year-long course.
Prerequisite: Debate I and teacher approval

MATHEMATICS

If a student has already taken and received credit for Algebra I, provided the student has taken the course in junior high for high school credit through an accredited program, then the student will be placed into Geometry or Geometry PAP.

ALGEBRA I

Grade 9...2 semesters...1 credit

Algebra I is the study of the real number system, algebraic expressions, polynomial expressions, equations, inequalities, factoring, graphing, and functions. Algebra I credit is required of all students.

GEOMETRY

Grades 9-10...2 semesters...1 credit

Geometry is the study of an object's shape and size. Students will integrate Algebra into their study of Geometry through graphing and the use of many Algebraic formulas. Students will also develop a logical approach to problem solving using inductive and deductive reasoning. Geometry credit is required of all students.

Prerequisite: Algebra I

GEOMETRY PAP

Grades 9-10...2 semesters...1 credit

Geometry PAP includes all the elements of Geometry, but adds material that supports the use of higher-level problem-solving skills. More emphasis is placed on logic and formal proofs are required. This course is designed to prepare a student for future PAP coursework that leads to AP Calculus.

Prerequisites: For incoming freshmen - Algebra I and Entrance Exam results

For sophomores – A cumulative GPA of 3.5 or higher, 93% or higher in Algebra I, and departmental/counselor approval

ALGEBRA II

Grades 10-12...2 semesters...1 credit

Algebra II reviews and extends the concepts developed in Algebra I and Geometry. The structure of the number system is extended to include the set of complex (imaginary) numbers. Topics include the study of functions (including inverse, exponential, and rational functions), matrices, quadratic equations, radical expressions, irrational numbers, coordinate geometry, logarithms, binomial expansion, and conics. Students will be expected to answer quiz and test questions with and without a calculator.

Prerequisites: Algebra I and Geometry

ALGEBRA II PAP

Grades 10-11...2 semesters...1 credit

This course includes all the elements of Algebra II as well as problems with more applications to geometry and science. Enrichment topics will be added including truth tables and parametric equations. Students will be expected to be able to explain and justify answers given on quizzes and tests. This course is designed to prepare a student for Calculus AP. Graphing Calculators are required.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Geometry PAP or 93% or higher in Geometry, a B average or higher in Algebra I, and departmental/counselor approval

ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS

Grades 11-12...2 semesters...1 credit

Advanced Algebra with Financial Applications is a college-preparatory course that will use sophisticated mathematics to give the student the tools to become a financially responsible young adult. The course employs selected topics in Algebra II, Pre-Calculus, Probability, Statistics, and Geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement are solved by applying the relevant mathematics. Field projects, computer spreadsheets, and graphing calculators are key components of the course.

Prerequisite: Geometry

PRE-CALCULUS

Grades 11-12...2 semesters...1 credit

Pre-calculus brings together topics from Algebra I, Algebra II, analytic Geometry, and Trigonometry through a strong functions approach. The study progresses from the real number line and plane through Algebraic functions, Trigonometry, logarithmic functions, conic sections, sequences and series, and infinite series.

Prerequisites: Algebra II and departmental/counselor approval

COLLEGE ALGEBRA DC

Grades 11-12...1 semester...0.5 high school credit...3 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in May for the fall semester at Lone Star College - Tomball in College Algebra. A grade of C or better is required for college credit. The course includes material from Math 1314 – College Algebra at Lone Star College (topics include absolute value and quadratic equations and inequalities, graphing skills, inverse functions, logarithmic and exponential functions, polynomial and rational functions, piecewise functions, theory of equations, and systems of equations).

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Algebra II PAP or 93% or higher in Algebra II, departmental/counselor approval, and acceptance into Lone Star College

TRIGONOMETRY DC

Grades 11-12...1 semester...0.5 high school credit...3 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in November for the spring semester at Lone Star College – Tomball in Trigonometry. A grade of C or better is required for college credit. The course includes material from Math 1316 – Trigonometry at Lone Star College (topics include trigonometric functions and their applications, solutions of right and oblique triangles, trigonometric identities and equations, inverse trigonometric functions, and graphs of the trigonometric functions).

Prerequisites: A cumulative GPA of 3.5 or higher, departmental/counselor approval, and acceptance into Lone Star College

PRE-CALCULUS DC

Grades 11-12...2 semesters...1 high school credit...4 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in May for the fall semester at Lone Star College – Tomball in Pre-Calculus. A grade of C or better is required for college credit. The course includes material from Math 2412 – Pre-Calculus at Lone Star College (an integrated treatment of topics including polynomial, rational, exponential, logarithmic, and trigonometric functions and conics).

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Algebra II PAP or 93% or higher in Algebra II, departmental/counselor approval, and acceptance into Lone Star College

STATISTICS AP

Grades 11-12...2 semesters...1 credit

In this course, students will investigate the trends and patterns from sets of data and discuss what, if anything, can be inferred from the findings. There will be exploration of the different graphical and numerical methods of communicating data, examination of a variety of methods for collecting data, and discussion about how to construct a well-designed study. Time will be spent investigating the principles of probability and establishing parameters for making inferences about sets of data. Throughout this work, students will be prepared to take the Statistics AP exam in May.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Algebra II PAP or 93% or higher in Algebra II, and departmental/counselor approval

STATISTICS DC

Grades 11-12...2 semesters...1 high school credit...3 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in May for the fall semester at Lone Star College - Tomball in Statistics. A grade of C or better is required for college credit. The course includes material from Math 1342 – Statistics at Lone Star College (an introduction to the concepts and methods of statistics). Topics include probability, random variables, binomial and normal distributions, random sampling, statistical inference, hypothesis testing, linear regressions and correlations, and chi-square test.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Algebra II PAP or 93% or higher in Algebra II, departmental/counselor approval, and acceptance into Lone Star College

ELEMENTS OF CALCULUS DC

Grade 12...1 semester...0.5 high school credit...3 hours college credit

This course follows Pre-Calculus and provides a local advanced math credit for students. Elements of Calculus may be taken in conjunction with AP Calculus or as an additional year of mathematics after Pre-Calculus. All students enrolling in the course must meet the requirements of Lone Star College by April 30 and will enroll in November for the spring semester at Lone Star College – Tomball in Elements of Calculus. A grade of C or better is required for college credit. This course includes material from Math 1325 - Elements of Calculus at Lone Star College including limits, continuity, rates of change, differentiation and integration techniques and applications, calculus of the logarithmic and exponential functions, and partial derivatives.

Prerequisites: A cumulative GPA of 3.5 or higher, 93% or higher in Pre-Calculus or a B average or higher in College Algebra DC/Trigonometry DC or Pre-calculus DC, departmental/counselor approval, and acceptance into Lone Star College

AP CALCULUS AB

Grade 12...2 semesters...1 credit

This course follows the rigorous curriculum developed by the College Board covering limits, derivatives, integrals, and a variety of applications of each. In preparation for the AP exam given in May, students will be expected to answer test questions with and without a graphing calculator. Students will also be expected to be able to justify and explain answers given on a test.

Prerequisites: A cumulative GPA of 3.5 or higher, a B average or higher in Pre-Calculus DC, and departmental/counselor approval

AP CALCULUS BC

Grade 12...2 semesters...1 credit

This course is aligned to the topics covered in the rigorous curriculum developed by the College Board. This includes the topics of function, graphs and their limits, derivatives and their applications, integrals and their applications, and polynomial approximation and series.

Prerequisites: A cumulative GPA of 3.5 or higher, a B average in Pre-Calculus DC or AP Calculus AB, and departmental/counselor approval

SCIENCE

BIOLOGY I

Grades 9-10...2 semesters...1 credit

In Biology I, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving skills. Biology I emphasizes the continuity and diversity of God's creation through the study of a variety of topics that include: structures and functions of cells and viruses, growth and development of organisms, cells, tissues, organs, nucleic acids and genetics, creationism and the theory of evolution, taxonomy, metabolism and energy transfers in living organisms, living systems, homeostasis, ecosystems, and plants in the environment. Lab experiences and dissections are a major component of this course.

Prerequisite: Entrance Exam results are used to determine placement into Biology I.

BIOLOGY I PAP

Grade 9...2 semesters...1 credit

Biology I PAP covers the same material as Biology I, but in significantly greater depth and at a faster pace. There is a greater emphasis on analytical thinking, problem-solving skills, and scientific application. Biology I PAP is designed to prepare students for Biology II AP. Students are responsible for more independent projects, self-study, reading, and essay writing.

Prerequisite: Entrance Exam results are used to determine placement into Biology I PAP.

CHEMISTRY I

Grade 10...2 semesters...1 credit

Chemistry I will give the student a better understanding of the world that God has created. Students will gain knowledge of measurement, dimensional analysis, the writing and naming of chemical compounds, the concept of the mole, chemical reactions, stoichiometry, the organization and development of the periodic table, chemical bonding, and solution chemistry. Problem-solving is a major facet of this course. Laboratory experiments and activities will reinforce material discussed in lecture.

Prerequisites: Algebra I and Biology I

CHEMISTRY I PAP

Grade 10...2 semesters...1 credit

Chemistry I PAP covers the same material as Chemistry I, but in significantly greater depth and at an accelerated pace. Students will gain knowledge of oxidation-reduction, chemical equilibrium, gas laws, organic chemistry, nuclear chemistry, and descriptive chemistry. Problem-solving is a major facet of this course. Laboratory experiments and activities will reinforce material discussed in lecture. Chemistry I PAP is designed to prepare students for Chemistry II DC.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Biology I PAP or 93% or higher in Biology I, Geometry, and departmental/counselor approval

CHEMISTRY II AP

Grades 11-12...2 semesters...1 credit

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The course centers around six big ideas: structure of matter, bonding and intermolecular forces, chemical reactions, kinetics, thermodynamics, and chemical equilibrium. Students who take the Chemistry AP course, designed with this curriculum framework as its foundation, will develop a deep understanding of the concepts within the big ideas through the application of the science practices in the required laboratory component of the course. All students are expected to take the College Board AP Exam.

Prerequisites: A cumulative GPA of 3.5 or higher, Algebra II, 85% or higher in Chemistry I PAP, and departmental/counselor approval

CHEMISTRY II DC

Grades 11-12...2 semesters...1 high school credit...8 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in May for the fall semester at Lone Star College – Tomball. A grade of C or better is required for college credit. Topics include a mathematical introduction (metric system, significant figures, and scientific notation), discussion of atoms, molecules and ions, stoichiometry, electronic structures periodic relationships, bonding, molecular geometries, and properties of gases, liquids, solids, and solutions. Appropriate lab experiments are included.

Prerequisites: A cumulative GPA of 3.5 or higher, Algebra II, 85% or higher in Chemistry I PAP, departmental/counselor approval, and acceptance into Lone Star College

ORGANIC CHEMISTRY

Grades 11-12...2 semesters...1 credit

This course is designed to provide a fundamental overview of organic chemistry to students. Upon successful completion of this class, students will understand the relationship between structure and function of molecules, the major classes of reactions, reaction energetics and mechanisms, synthesis of organic compounds, and how to determine structure via various spectroscopic techniques. Several themes are prevalent in each unit of study: nomenclature, chemical and physical properties, structures, mechanisms, common molecules, and the diversity of organic molecules in plants, bacteria, and animals. Many chapters in the textbook also integrate the societal, pharmaceutical or industrial importance of specific compounds. An important aspect of any chemistry class is laboratory experience. Students will participate in weekly micro-scale labs in which they will safely perform a variety of experiments. Lab results will be recorded in students' lab notebooks, and formal lab reports will be completed.

BIOLOGY II AP

Grades 11-12...2 semesters...1 credit

Biology II AP is a college-level biology survey course for juniors and seniors seeking advanced instruction in cell and molecular biology, taxonomy of organisms, and human systems. Classroom experiences emphasize acquiring and understanding the facts and concepts that support the broad themes of modern biology. Laboratory experiences emphasize the thought processes and techniques used in biological research. All students are expected to take the College Board AP Exam.

Prerequisites: *A cumulative GPA of 3.5 or higher, Biology I, Chemistry I, and departmental/counselor approval*

PRINCIPLES OF APPLIED ENGINEERING

Grades 11-12...2 semesters...1 credit

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use a multi-level engineering design process that is authentic to the experience of professional engineers. Students collaborate in teams as they learn to quantify systems, apply common engineering tools and techniques, generate and select concepts, embody, test, and verify designs, and document and communicate their work as they develop products and systems that solve real-world technological problems.

Prerequisites: *Biology I, Chemistry 1, and Geometry*

ENVIRONMENTAL SYSTEMS

Grades 11-12...2 semesters...1 credit

In Environmental Systems, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving skills. Students study a variety of topics that include: biotic and abiotic factors in habitat, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationships between carrying capacity and changes in populations and ecosystems, and changes in environments.

Prerequisites: *Biology I and Chemistry I*

ANATOMY AND PHYSIOLOGY

Grades 11-12...2 semesters...1 credit

Anatomy and Physiology Honors is designed to give the motivated upper level student an opportunity to study the structure and function of the mammalian body at the level of organs and organ systems, with an emphasis on human anatomy and physiology. Lab experiences and dissections are a major component of this course.

Prerequisites: *A cumulative GPA of 3.5 or higher, Biology I, Chemistry I, and departmental/counselor approval*

ANIMAL SCIENCE

Grades 11-12...2 semesters...1 credit

Students will apply knowledge of anatomy and physiology to produce and/or manage animals in a domesticated or natural environment and gain knowledge in species specific operations, genetics, livestock operation, processing, and reproduction. Algebra, Trigonometry, Biology, English, and human relation skills will be reinforced in the course. Students will examine the interrelatedness of human, scientific, and technological dimensions of livestock production. This course will include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. This is the final course in a series of Animal Science courses for a student wanting to obtain the Certified Veterinary Assistant Certification I. This course meets the yearly requirement for students wanting to be a member in FFA.

Prerequisites: Biology I and credit in Agriculture, Food and Natural Resources

PHYSICS I

Grades 11-12...2 semesters...1 credit

In Physics, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving skills. Students will gain knowledge of measurement, dimensional analysis, linear motion, forces, vectors, friction, circular motion, energy, momentum, heat, waves, sound, light, electricity, and magnetism. This course is not as heavily math-oriented as Physics I PAP. Problem solving is a major facet of this course. Laboratory experiments and activities will reinforce material discussed in lecture. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.

Prerequisites: Must have taken Algebra II or be taking it concurrently, Biology I, Chemistry I, and departmental/counselor approval

PHYSICS I AP

Grades 11-12...2 semesters...1 credit

The Physics I AP course meets the requirements set out by the College Board, which are equivalent to an introductory level Algebra-based college Physics class. Instruction will be planned using Modeling Instruction inspired techniques. Instruction will focus on developing conceptual understanding through experimentation and experience, scientific dialogue, and application. Students will observe and seek to discover patterns in natural phenomena to develop, test, and apply scientific models. Students will create and use multiple representations of physical processes, design and execute experimental procedures to gather data, using graphical and mathematical analysis of data to make and defend claims and conclusions about the world around them, and apply their models to real world situations. Students will study a variety of topics that include: 1D and 2D kinematics and dynamics, circular motion and universal gravitation, simple harmonic motion, linear momentum, energy, rotational motion, electrostatics, simple DC circuits, and mechanical waves. Students who complete this course will also be prepared to take the Physics I AP exam.

Prerequisites: A cumulative GPA of 3.5 or higher, must have taken Algebra II PAP or be taking it concurrently, 85% or higher in Chemistry I PAP or 93% or higher in Chemistry I, and departmental/counselor approval

PHYSICS II AP

Grade 12...2 semesters...1 credit

Physics II AP is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics, thermodynamics with kinetic theory, PV diagrams and probability, electrostatics, electrical circuits with capacitor, magnetic fields, electromagnetism, physical and geometric optics, and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

Prerequisites: Physics I AP and students should have taken or be concurrently taking Pre-Calculus or an equivalent course.

SOCIAL STUDIES

WORLD GEOGRAPHY

Grade 9...2 semesters...1 credit

World Geography will study the world in spatial terms, places and regions, physical systems, human systems, environment, and society. Students will master five skills: (1) Asking geographic questions, (2) Acquiring geographic information, (3) Organizing geographic information, (4) Analyzing geographic information, and (5) Answering geographic questions.

WORLD GEOGRAPHY PAP

Grade 9...2 semesters...1 credit

World Geography PAP will take the student to a higher level of critical thinking. It will focus the student on preparation to take the AP Human Geography exam and/or U. S. History Dual Credit in the junior year. The student must be willing to read more outside of class and research independently in and out of class. Projects and reports will be required in addition to the basic course. Consequently, the student should be self-motivated, organized, and responsible. Reading and writing skills should be highly developed.

Prerequisite: Entrance Exam results are used to determine placement into PAP

WORLD HISTORY

Grade 10...2 semesters...1 credit

World History is a course offered to give students an overview of the history of humankind. The course covers humankind from the creation of man to the present day. Emphasis is placed on the studying of significant people, events, and issues that have shaped the history of mankind. The course involves many interactive activities including a group research project and oral presentation for each semester.

WORLD HISTORY AP

Grade 10...2 semesters...1 credit

AP World History is a rigorous, college-level course designed to explore human history from 8000 B.C.E. to the present. It will emphasize the development of analytical and writing skills necessary for success on a collegiate level. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of historiography (the principles, theories, or methodology of scholarly historical research and presentation), and inquiry into global connections that have shaped our present world. A special emphasis will be given to preparation for the World History AP Exam, including historical writing through essay and document-based questions (DBQ) as well as objective evaluations.

Prerequisites: A cumulative GPA of 3.5 or higher, approval of English I and World Geography teachers, and 85% or higher in World Geography H or 93% or higher in World Geography

U.S. HISTORY

Grade 11...2 semesters...1 credit

This course is designed to help the student develop an in-depth understanding of the events which have shaped America since 1865-Reconstruction. It includes extensive coverage of the 1960's, 1970's, and 1980's. In United States History, students will be required to use note-taking skills, verbal responses to questions to affirm comprehension of materials, and decision making skills in simulations of historical events.

U.S. HISTORY TO 1877 DC

Grade 11...1 semester...0.5 high school credit...3 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in May for the fall semester at Lone Star College – Tomball in U.S. History 1301. This course is a survey of U.S. History from the Age of Discovery through the Civil War and Reconstruction. Special emphasis is placed on the emergence of the United States as a nation. Other topics will include Westward Expansion, Slavery, the Civil War, and Reconstruction. The purpose of this course is to provide students with an interpretive analysis of the social, economic, political, and intellectual dynamics that have shaped United States history before 1877.

Prerequisites: A cumulative GPA of 3.5 or higher, approval of English II and World History teachers with respect to written work which must demonstrate critical thinking and writing skills, 85% or higher in World History H or 93% or higher in World History, and acceptance into Lone Star College

U.S. HISTORY SINCE 1877 DC

Grade 11...1 semester...0.5 high school credit...3 hours college credit

All students enrolling in the course must meet the requirements of Lone Star College by April 30 and enroll in November for the spring semester at Lone Star College – Tomball in U.S. History 1302. This course is a survey of U.S. history from the end of Reconstruction to the present. Special emphasis is placed on the emergence of the United States as a world power and our subsequent assumption of international responsibilities. Other topics will include: Westward Expansion, Industrialization, Immigration, World War I, World War II, the subsequent Cold War, Vietnam, and the collapse of the Soviet Empire.

Prerequisites: A cumulative GPA of 3.5 or higher, approval of English II and World History teachers with respect to written work which must demonstrate critical thinking and writing skills, 85% or higher in World History AP or a 93% or higher in World History, and acceptance into Lone Star College

PSYCHOLOGY

Grades 11-12.....1 semester.....0.5 credit

In Psychology, students consider the development of the individual and personality. The study of psychology is based on a historical framework and relies on effective collection and analysis of data. Students study topics such as: theories of human development, personality, motivation, and learning. Reading and writing skills are essential.

SOCIOLOGY

Grades 11-12...1 semester...0.5 credit

Sociology is the science that studies human society and social behavior. The course will help students gain a better understanding of social interaction—how people relate to one another and influence each other’s behavior. Special emphasis is given to group participation and team building. Reading and writing skills are essential.

ECONOMICS

Grade 12...1 semester...0.5 credit

Economics will emphasize free enterprise and its benefits, as well as an in-depth study of other international economic forms. A study of basic household finances in relation to international finances and their historical development will also be taught. Students will apply critical thinking skills to create economic models and to evaluate economic activities at all levels.

ECONOMICS H

Grade 12...1 semester...0.5 credit

Students enrolled in Economics Honors will analyze the economy as a whole, as well as the behavior of individuals, businesses, and markets. Emphasis will be placed on comparative economic theories, as well as current economic issues. Sample activities include: debates, essays, critiques, web-based activities, stock market games, current events, and independent research.

Prerequisites: A cumulative GPA of 3.5 or higher, approval of English III and U.S. History teachers, and a B average or higher in U.S. History DC or 93% or higher in U.S. History

GOVERNMENT

Grade 12...1 semester...0.5 credit

Basic American and international governments are presented. The class is broken down into four major sections: writing the Constitution and Madisonian principles; public opinion, elections, and linkage institution; Civil Rights and Civil Liberties; and the branches of government. Students are required to apply their knowledge to current events on a regular basis. Major projects and activities include: exams, current event analysis, Supreme Court case synopsis, and public polling.

GOVERNMENT AP

Grade 12...1 semester...0.5 credit

Advanced Placement (AP) Government is a course that is a comprehensive study of the United States governmental system and political behavior. This college-level course puts an emphasis on the study of the United States Constitution, not only from an historical basis, but also from an interactive and constantly evolving document perspective affecting our daily lives. The course includes a study of documents that shaped our political foundation, the structure and roles of the three branches of government, the formation of government policy, and the rights and responsibilities of citizenship in a democratic state. The text will serve as a resource, in addition to other essays, readings, case studies, and Internet sites. Independent reading and research are an important component to the student's success in this course. The course also has a major emphasis on analytical writing skills and responding to major United States Supreme Court cases.

Prerequisites: A cumulative GPA of 3.5 or higher, approval of English III and U.S. History teachers with respect to written work which must demonstrate critical thinking and writing skills, and a B average or higher in U.S. History DC or 93% or higher in U.S. History

FOREIGN LANGUAGE

SPANISH I

Grades 9-11...2 semesters...1 credit

This course is designed to present the basic concepts in Spanish. Students will be evaluated on using the language in all contexts: speaking, listening, reading, and writing. The culture and geography of Spanish-speaking countries is explored. Grammar skills include sentence structure, nouns, pronouns, adjectives, articles, prepositions, and the conjugation of basic verbs in the present and simple past tenses. Vocabulary topics include: days/months, numbers, colors, weather, physical characteristics, emotions, family members, house, school, food, restaurants, vacations, clothing, and shopping.

Prerequisite: Recommended grade average of 80% or higher in the previous year's English course

SPANISH II

Grades 9-12...2 semesters...1 credit

Spanish II is an intermediate course in which reading, speaking, listening, and writing skills taught in Spanish I are expanded and refined. The culture and geography of Spanish-speaking countries is explored. Grammar development includes: review of all present tense verbs, study of the past tenses and their usage, future and conditional tenses, usage of reflexive, indirect, and direct object pronouns, and comparatives and superlatives. Vocabulary topics include: school, daily routine, clothing, leisure activities, childhood, family and holidays, the future, and travel.

Prerequisite: Spanish I

SPANISH III

Grades 9-12...2 semesters...1 credit

Spanish III offers the student the opportunity to apply the knowledge gained from Spanish I and II in a more practical and relevant way. A larger emphasis is placed on the usage of the language through speaking, listening, and conversation. In addition, special attention is given to cultural themes and topics in Spanish-speaking countries. Except for grammatical explanation, class is held mostly in Spanish.

Prerequisite: Spanish II

SPANISH III PAP

Grades 9-12...2 semesters...1 credit

Spanish III PAP emphasizes the use of language for communication. It includes conversational situations, vocabulary development for reading and expression, and reasonable fluency both orally and in writing. With this course, the student begins serious preparation for the Spanish AP exam.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Spanish II, and departmental/counselor approval

SPANISH IV AP LANGUAGE

Grades 10-12...2 semesters...1 credit

The Spanish IV AP Language course is conducted completely in Spanish. The course is designed to help prepare students to demonstrate their level of Spanish proficiency for the Spanish IV Language Exam. The course is meant to be comparable to fifth and sixth semester college and university courses that focus on speaking and writing in the target language at an advanced level. A wide variety of spoken and written materials will be used to train students to understand Spanish in formal and informal situations, and to enhance their abilities to express themselves accurately and resourcefully, both orally and in writing.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Spanish III PAP or 93% or higher in Spanish III, and departmental/counselor approval

SPANISH V AP LITERATURE AND CULTURE

Grades 11-12...2 semesters...1 credit

Spanish V AP reinforces oral proficiency and focuses on reading, writing, and the study of the great literary works of the Spanish-speaking world. Students will prepare to take the Spanish Literature AP examination for which college credit may be awarded. AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

Prerequisites: A cumulative GPA of 3.5 or higher, 85% or higher in Spanish IV AP, and departmental/counselor approval

AMERICAN SIGN LANGUAGE I

Grades 9-12...2 semesters...1 credit

This course develops expressive and receptive fingerspelling skills. Receptive skills focus on whole-word and phrase recognition as well as identifying fingerspelling words in context. Expressive skills focus on the development of speed, clarity, and fluency. This course is an introduction to American Sign Language called (ASL), a visual gestural language which is distinct from English. American Sign Language will be used in class for language functions such as introductions, asking for and giving directions, making requests and talking about and identifying others. Emphasis is placed on the contextual use of facial expressions, body, head, and eye movements as essential grammatical functions, and its application within the Deaf Community.

AMERICAN SIGN LANGUAGE II

Grades 10-12...2 semesters...1 credit

This course is designed to continue development of the American Sign Language (ASL) skills with primary focus on refining the use of basic ASL sentence types. Pronominalization, classifiers, spatial referencing, pluralization, and temporal and distributional aspects are introduced. Student will learn routine communicative functions of the language: asking, requesting, providing clarification, giving and asking for directions. Information about the Deaf Community and Deaf Culture will be included. This class will place an emphasis on glossing and sign reading skills.

Prerequisites: ASL I

AMERICAN SIGN LANGUAGE III

Grades 11- 12...2 semesters...1 credit

This course is an integration of expressive and receptive skills in American Sign Language with emphasis on literature, discourse styles, and contextualization at an Intermediate Level. It provides students with information on idiomatic/colloquial usages of signs, as well as grammatical structures for complex sentences. There will be lectures in ASL, videotapes, quizzes, videotaping of signing skills, and written midterm and final exams. No voice is used in ASL III Honors class; therefore, students will adhere to this regulation also.

Prerequisite: 80% or higher in ASL II and departmental/counselor approval

FINE ARTS

TREBLE CHOIR

Grades 9-11...2 semesters...1 credit

The Treble Choir is an SSAA ensemble available to all female students interested in choir. There is no audition required. The choir is primarily for beginning female singers who have little to no experience with choral singing. The choir performs individually, as well as periodically, with the Concert Choir and Women's Chorale.

The objective of the Treble Choir is to first and foremost be a witness to others by means of spreading the Word of God to its audiences and fellow classmates and to glorify God by giving thanks through the means of singing and the wonderful gift of music. In doing so, they will learn and improve on the basic skills of choral singing such as technique, sight reading, rhythm reading, musical artistry, etc. Students will learn to interpret stylistic and creative aspects of music and how to critique themselves and others. They will learn and perform quality choral music that is appropriate for a beginning level choral ensemble. Another important goal of the ensemble is to prepare singers for the auditioned ensemble – The Concert Choir.

Students will perform in at least two major concerts a year and some chapel services. Students may also elect to perform a solo at UIL or TAPPS competitions.

CONCERT CHOIR

By audition only...Grades 9-12...2 semesters...1 credit

The Concert Choir is an auditioned SATB ensemble and is the top vocal ensemble at Concordia.

The objective of the Concert Choir is to first and foremost be a witness to others by means of spreading the Word of God to its audiences and fellow classmates and to glorify God by giving thanks through the means of singing by using the wonderful gift of music. This ensemble will focus on more in-depth choral techniques and skills and will perform higher-level choral music. Students will continue to grow and learn stylistic and creative aspects of music as well as critique themselves and others.

Students will perform in four concerts a year, two or more church services, grade school visits, chapels, and large group competitions, and will go on a tour in the spring. Tours alternate long and short tours every other year. Students may also elect to perform a solo or in an ensemble at UIL and TAPPS competitions. In addition to daily classes, occasional large group rehearsals, sectionals, and lessons may be scheduled outside of the normal choir period.

Students must audition for placement in this group. Auditions will consist of:

- 1) Perform a hymn (Beautiful Savior, Amazing Grace, etc.) or a song of choice (America the Beautiful, Star-Spangled Banner, etc.)*
- 2) Have vocal range tested*
- 3) Basic questions about reading music*

Important note: *There is no prerequisite for this ensemble. The director will make the final decision on whether a student makes the ensemble, regardless of past experience.*

SYMPHONIC BAND

Grades 9-12...2 semesters...1 credit

The Symphonic Band is a performance-based ensemble for students with prior experience in instrumental music. This ensemble will cultivate artistic skills through various styles of quality music. We share this God-given gift of music by performing in four concerts, competitions, some athletic events, and various other special events. Members have the option of performing in small ensembles, jazz band, and pit orchestra for the musical. They also have the opportunity to audition for All-State ensembles, Honor Bands, and perform in solo/small ensemble competitions. In addition to daily class, occasional sectionals and lessons may be scheduled outside the regular class period. Private lessons are encouraged outside of school.

Prerequisites: *Students must audition for placement in this ensemble. They should be prepared to:*

- 1) *Play a major or chromatic scale to showcase range on instrument*
- 2) *A short excerpt from a solo or band piece*
- 3) *Sight-read a melody*

THEATRE ARTS I

Grades 9-12...2 semesters...1 credit

Theatre Arts is designed to give a general overview of the basics of stage craft. Each student will be engaged in discussion and activities regarding technical theatre (light, sound, set, make-up, and costume design), acting, and directing. Besides the more tangible sides to theatre, students will come away with an historical understanding of how theatre got started and the state theatre is in today. Students should expect to be active both inside and outside of the classroom, as this class requires students to see live theatre productions and apply their classroom knowledge towards what they experience, as well as participate in various aspects of the school's theatrical productions. Anyone who is willing to move, act, build, and discuss will enjoy Theatre Arts.

THEATRE ARTS II

Grades 10-12...2 semesters...1 credit

Theatre II is a course in which students will continue their study of the world of theatre including history, acting, technical production elements, and playwriting. These theatre arts courses are the culmination of work from Theatre Arts I with an emphasis on production. Students will conceptualize, plan, design, and produce a play each semester. Attendance and participation are critical for classroom success. Students will also have the opportunity to audition for shows and will perform in a class play. Activities include more in-depth study of monologues, audition techniques, scene work, movement, and improvisation. Students should conference with the theatre arts teacher before signing up for this class.

Prerequisite: *Theatre Arts I*

ART I

Grades 9-12...2 semesters...1 credit

Art I is a prerequisite for all other art classes. The course will help students to become more visually sensitive to the world around them. Art I is a beginner's look at the fundamentals of art including the elements and principles of design and applying concepts and techniques learned in drawing, painting, etc. Critical evaluation of art, art appreciation, and art history will also be incorporated into the curriculum.

ART II

Grades 9-12...2 semesters...1 credit

Art II allows the students to explore the elements and principles of design on a more advanced level. The emphasis will be on using these elements and principles to complete specific two-dimensional and three-dimensional design problems. Critical evaluation of art, art appreciation, and art history will also be incorporated into the curriculum.

Prerequisites: Art I and teacher approval

ART III PAP

Grades 10-12...2 semesters...1 credit

In Art III PAP, students will have the opportunity to explore the elements and principles of design at an even more advanced level. The emphasis will be on visual problem solving, art history, creating productive work habits, self and group critiques, and students proposing their own project ideas and finding their own artistic voice. In addition, Art III PAP will help prepare the students for the rigorous demands and creative rewards that making and submitting an AP Studio Art Portfolio will bring.

Prerequisites: Art II and teacher approval

ART IV AP

Grade 11-12...2 semesters...1 credit

Art IV AP students will work independently and create a portfolio in various mediums using the Advanced Placement Program of art as a guide. The student will develop a concentration of artwork, display the breadth of work created, prepare an artist's statement, and submit the portfolio for review by the Advanced Placement Program.

Prerequisites: Art III PAP and teacher approval

PRINCIPLES & ELEMENTS OF FLORAL DESIGN

Grades 10-12...2 semesters...1 credit

This course is designed to develop a student's ability to identify and demonstrate the principles and techniques related to design, as well as develop an understanding of the principles and elements of art through hands-on learning. Students will create projects from design through the production stage. Projects include: floral design, crafts, sewing, homecoming mums and garters, and holiday decorations. This course meets the yearly requirement for students wanting to be a member of FFA.

BUSINESS/TECHNOLOGY

BUSINESS INFORMATION MANAGEMENT A

Grades 9-12...1 semester...0.5 credit

This course is designed to give students some practical uses for the modern computer. The students will be given a brief introduction to computer terminology and will gain competency in using the following computer application programs: Advanced Word Processing, Presentation Software, and Spreadsheets. A unit on computer ethics and safety as it relates to a technology rich society is also covered.

BUSINESS INFORMATION MANAGEMENT B

Grades 9-12...1 semester...0.5 credit

The students will gain basic knowledge and applicable skills using the G-suite for Education Apps including Google Drive, Sheets, Slides, Keep, and Sites.

COMPUTER SCIENCE I

Grades 9-12...2 semester...1.0 credit

This course teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Students will program efficiently in JavaScript, learn basic programming concepts and study graphics, data structures, animation, and games.

MARKETING DYNAMICS

Grades 10-12...1 semester...0.5 credit

Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing, information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.

ENTREPRENEURSHIP

Grades 9-12...1 semester...0.5 credit

Students will gain the knowledge and skills to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, and securing the finances to own and operate a business.

MULTIMEDIA PRODUCTION (Audio/Video)

Grades 9-11...2 semesters...1 credit

This is an introductory course that uses/teaches Final Cut Pro Pixelmator Software and WordPress web design for producing videos, manipulating digital images, designing graphics for print and the web, and creating audio/visual presentations. Students are expected to develop an understanding of audio and video production with a focus on pre-production, production, and post-production. Students are expected to write ideas, scripts, create storyboards, and then produce their ideas both independently and with other students. Students will be developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster using the latest software in the industry.

MULTIMEDIA LAB

Grades 10-12...2 semesters...1 credit

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry within the sports context with a focus on pre-production, production, and post-production activities. Students will work closely with CLHS school sports teams in many areas.

Prerequisite: Multimedia Production and teacher approval

CINEMATOGRAPHY

Grades 10-12...2 semesters...1 credit

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within the filmography context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the movie/documentary industry within the filmography context with a focus on pre-production, production, and post-production activities.

Prerequisite: Multimedia Production and teacher approval

PHYSICAL EDUCATION

State graduation requirements include 1.0 credit for physical education. The physical education credit is earned through physical education period, athletic period, physical education equivalency, or an approved off-campus activity program. There is a limit of 0.5 credit in physical education per semester.

ATHLETIC PERIOD – BOYS BASKETBALL

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – BOYS FOOTBALL

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – BOYS SOCCER

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – BOYS SUB-VARSITY BASEBALL

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – BOYS VARSITY BASEBALL

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – CHEERLEADING

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – GIRLS BASKETBALL

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – GIRLS SOCCER

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – GIRLS SOFTBALL

Grades 9-12...1 semester...0.5 credit

ATHLETIC PERIOD – GIRLS VOLLEYBALL

Grades 9-12...1 semester...0.5 credit

OFF-CAMPUS PHYSICAL EDUCATION

Grades 9-12...1 semester...0.5 credit

Requests for waivers for approval of private or commercially sponsored physical activity programs will be considered only for programs not offered at CLHS that lead to Olympic level participation and/or competition. See the Registrar for additional information.

PHYSICAL EDUCATION

Grades 9-12...1 semester...0.5 credit

This program will emphasize physical fitness and team sports. The following is a list of activities to be included: basketball, bowling, jogging, softball, tennis, track and field, and volleyball.

PHYSICAL EDUCATION EQUIVALENT

Grades 9-12...1 completed season...0.5 credit

Students not enrolled in P. E. or athletic period will receive a grade and earn a half credit for completing a full season and satisfying all requirements in athletic training, baseball, basketball, cross country, football, golf, lacrosse, soccer, softball, swimming, tennis, track, or volleyball.

AGRICULTURE SCIENCES

WILDLIFE, FISHERIES, & ECOLOGY MANAGEMENT

Grades 9-12...1 semester...0.5 credit

This course is designed to inform the students about wildlife management and outdoor recreation. Hunting and fishing skills and safety are taught as well as water and boating safety. State certification in hunting and boating is available to students who qualify. This course examines the management of game and non-game wildlife species, fish, and aqua-crops and their ecological needs as related to current practices. Students do not have to complete the certifications for this class, but have the opportunity. This course meets the yearly requirement for students wanting to be a member of FFA. This course is required by Texas Parks & Wildlife for anyone wanting to participate in shotgun sports.

SMALL ANIMAL MANAGEMENT

Grades 9-12...1 semester...0.5 credit

This course will introduce students to the world of Animal and Food Science. Students will learn about small animal management, introduction to livestock management, and plant science, as well as learn about where our food and fiber come from. Students will learn through hands-on activities. Students will spend nine weeks on animal science and nine weeks on food science. This course will prepare students to choose a pathway for the rest of their high school career. This course meets the requirement for students to participate in FFA. This course does have a course fee in order to cover the cost of projects in the kitchen and lab.

VETERINARY MEDICAL APPLICATIONS

Grades 10-12...2 semesters...1 credit

This course is an in-depth study of the medical industry as it relates to animal science. Topics covered include, but are not limited to career opportunities, entry requirements, industry expectation, animal systems, medical terminology, and veterinary practices as they relate to both large and small animal species. This is the second course in a series of Animal Science courses for a student wanting to obtain the Certified Veterinary Assistant Certification I. This course meets the yearly requirement for students wanting to be a member of FFA.

Prerequisite: Small Animal Management

PRINCIPLES & ELEMENTS OF FLORAL DESIGN

Grades 10-12...2 semesters...1 credit

This course is designed to develop a student's ability to identify and demonstrate the principles and techniques related to design as well as develop an understanding of the principles and elements of art through hands-on learning. Students will create projects from design through the production stage. Projects include: floral design, crafts, sewing, homecoming mums and garters, and holiday decorations. This course meets the yearly requirement for students wanting to be a member of FFA. This course also meets the Fine-Arts credit requirement.

FOOD TECHNOLOGY & SAFETY (CULINARY I)

Grades 10-12...2 semesters...1 credit

This course examines the food technology industry as it relates to food production, handling, safety, culinary arts, and inspection. Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. This course meets the yearly requirement for students wanting to be a member of FFA.

FOOD PROCESSING (CULINARY II)

Grades 11-12...2 semesters...1 credit

This course focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products. This course will also further examine the culinary arts through the art of cooking, global foods, and food experimentation. This course meets the yearly requirement for students wanting to be a member of FFA.

Prerequisite: Culinary I

PRACTICUM IN AG, FOOD, AND NATURAL RESOURCES (CULINARY III)

Grade 12...2 semesters...1 credit

This course is recommended for students in Grade 12. The practicum course is a capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills in conjunction with classroom experience. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The focus will be on the culinary arts. Recommended prerequisite: must have completed three consecutive years in the Food Science pathway. This course meets the yearly requirement for students wanting to be a member in FFA. This course also meets the fourth science credit requirement. Prerequisites: Food Tech & Safety, Food Processing

ANIMAL SCIENCE

Grades 11-12...2 semesters...1 credit

Students will apply knowledge of anatomy and physiology to produce and/or manage animals in a domesticated or natural environment and gain knowledge in species specific operations, genetics, livestock operation, processing, and reproduction. Algebra, Trigonometry, Biology, English, and human relation skills will be reinforced in the course. Students will examine the interrelatedness of human, scientific, and technological dimensions of livestock production. This course will include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry. This is the final course in a series of Animal Science courses for a student wanting to obtain the Certified Veterinary Assistant Certification I. This course meets the yearly requirement for students wanting to be a member in FFA. This course also meets the fourth science credit requirement.

Prerequisites: Biology I and credit in Agriculture, Food and Natural Resources

ONLINE ONLY COURSES

DIGITAL PHOTOGRAPHY A

Grades 9-12...1 semester...0.5 credit

This course focuses on the basics of digital photography and the basics of photography in general. Studies include using the camera, file transfer and storage, post-production, elements of composition, the properties of light, black and white conversion, watermarks, and image selections for portfolios. Students are required to read lectures, respond to discussion questions, view the work of their classmates and professional photographers, photograph images out on assignment, and make necessary corrections to photos before submission in this course.

DIGITAL PHOTOGRAPHY B

Grades 9-12...1 semester...0.5 credit

This course builds on the fundamentals of digital photography taught in Digital Photography A.

Prerequisite: Digital Photography A

FOUNDATIONS OF PROGRAMMING

Grades 9-12...1 semester...0.5 credit

Foundations of Programming will teach students the fundamentals of programming using the computer language Python. The course provides students with the concepts, techniques, and processes associated with computer programming and software development. Students will also explore the many programming career opportunities available in this high-demand field.

MUSIC APPRECIATION

Grades 9-12...1 semester...0.5 credit

In this course, students explore a variety of musical styles, forms, fundamentals, instruments, and composers. They will learn about the social backgrounds of various artists and how the various styles and periods reflect the mainstream of history and influence and are influenced by the society at large. There is a focus on listening skills that sharpen students' aesthetic valuing of music and its elements that allows students to engage and interact with music. Students gain an understanding of melody, harmony, rhythm and meter, tempo, dynamics, and others, and learn how these are combined to produce the effects of the music they hear. Learning methodology includes assigned readings, listening, lectures, discussion responses, high-frequency online interaction with classmates, and introspective learning summaries.

Important Note: All students will be required to purchase supplemental media

VIDEO GAME DESIGN A

Grades 9-12...1 semester...0.5 credit

Video Game Design A provides an introduction to the game design industry to study various career opportunities. Students will evaluate games and their use of images, sound effects, and music to make the games attractive to players. Using game design software, they will develop multilevel games. Students will design a game from scratch using relevant software and add original sound effects, audio, and music.

Prerequisite: Multimedia Production

VIDEO GAME DESIGN B

Grades 9-12...1 semester...0.5 credit

Video Game Design B leads students further through the theory and process of designing and programming computer games. The history, genre, and future of gaming are considered. A unit on successful game attributes will include game plots, controls, strategies, graphics, and Foley sound effects. The planning of their students' game project will study storyline, characters, music, and flowcharting. Students will play other students' games and provide feedback.

Prerequisite: 80% or higher in Video Game Design A

YOUTUBE 101

Grades 9-12...1 semester...0.5 credit

What if you could learn your own YouTube channel? Students will study the phenomenon of YouTubers, study their successful techniques, create their own unique channel, and create content. Objectives for the course: Students will be able to weed through online content, work through the technology of filming, editing, and posting videos, and create original content.

BUSINESS LAW

Grades 11-12...1 semester...0.5 credit

This course focuses on the foundation of the U.S. legal system in the areas of business and personal law. Students will explore the evolution of our legal and court systems, and understand criminal, civil, property, employment, and contract laws, including legalities in business and financing. Activities include, but are not limited to, discussion questions, weekly summaries, lectures, and multi-media activity.

Prerequisite: Business Ownership

ADDITIONAL PROGRAMS

METHODOLOGY FOR ACADEMIC AND PERSONAL SUCCESS (MAPS) – BY INVITATION

Grades 9-10.....2 semesters.....1 credit

This course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school and higher education to establish both immediate and long-range personal goals. After identifying their individual learning styles and abilities, students will build on these abilities by developing critical time management, organization, and study skills. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will develop the specific strategies necessary to achieve their personal goals. The course emphasizes proactive problem solving, self-determination, and independent thinking and learning skills.

Prerequisite: By invitation

NON-ACADEMIC OPTIONS

STUDY HALL

Grades 9-12...1 semester...no credit

Prerequisite: Counselor approval based on a credit-earned review

STUDENT AIDE

Grades 11-12...1 semester...no credit

Students may select to have a period of their schedule to serve as an aide to a teacher, administrator, or office staff member. While serving as an aide, a student may perform functions such as filing, assisting with textbooks, picking up attendance sheets, helping with cafetorium cleanup after lunches, or helping with set-up/maintenance of athletic facilities. This is not necessarily an all-inclusive list of potential tasks.

Note: Student aides are to maintain a 3.0 GPA and have no major disciplinary infractions.

COURSE PLANNING GUIDES

When referring to the following course planning guide, please note any applicable prerequisites under the course description.

Consult your counselor to optimize the course of action that best suits your academic needs and collegiate plans.

Freshman Course Selection	
Theology	Hebrew Scripture (Old Testament) New Testament
Language Arts	English I English I PAP Communication Applications Debate I Yearbook I
Social Studies	World Geography World Geography PAP
Mathematics	Algebra I Geometry Geometry PAP
Science	Biology I Biology I PAP
Foreign Language	Spanish I, II, III, and III PAP American Sign Language I
Fine Arts	Art I and II Treble Choir Concert Choir Symphonic Band Theatre Arts I
Technology/Business	Business Information Management A Business Information Management B Multimedia Production Computer Science You Tube 101
Physical Education	Physical Education Athletic Period Physical Education Equivalent Off-Campus Physical Education
Agriculture & Consumer Sciences	Wildlife, Fisheries, & Ecology Management Small Animal Management
Additional Programs & Non-Academic Options	MAPS Study Hall
Online Only Courses	Digital Photography A Digital Photography B Foundations of Programming Music Appreciation A Video Game Design A You Tube 101

Sophomore Course Selection	
Theology	Interpretation of Scripture Introduction to Biblical & Historical Theology Student Leadership I
Language Arts	English II English II PAP Communication Applications Debate I and II Journalism: Yearbook I and II
Social Studies	World History World History AP
Mathematics	Geometry Geometry PAP Algebra II Algebra II PAP
Science	Biology I Biology I PAP Chemistry I Chemistry I PAP
Foreign Language	Spanish I, II, III, III PAP, and IV AP American Sign Language I and II
Fine Arts	Art I, II, and III PAP Treble Choir Concert Choir Symphonic Band Theater Arts I and II Principles & Elements of Floral Design
Technology/Business	Business Information Management A Business Information Management B Multimedia Production Multimedia Lab Cinematography
Physical Education	Physical Education Athletic Period Physical Education Equivalent Off-Campus Physical Education
Agriculture & Consumer Sciences	Principles & Elements of Floral Design Food Technology & Safety (Culinary 1) Wildlife, Fisheries, & Ecology Management Small Animal Management Veterinary Medical Applications
Additional Programs & Non-Academic Options	MAPS Study Hall
Online Only Courses	Digital Photography A Digital Photography B Foundations of Programming Music Appreciation Video Game Design A Video Game Design B You Tube 101

Junior Course Selection		
Theology	Christian Life of Peace Christian Vocation and Worship Christian Social Action Student Leadership II	
Language Arts	English III English III AP Communication Applications Debate I, II, III Journalism: Yearbook I, II, and III	
Social Studies	U.S. History U.S. History DC	Sociology Psychology
Mathematics	Algebra II Algebra II PAP Adv. Algebra with Fin. App. Pre-Calculus College Algebra DC	Trigonometry DC Pre-Calculus DC Statistics AP Statistics DC
Science	Chemistry II AP Chemistry II DC Environmental Systems Prin. of Applied Engineering Anatomy and Physiology	Organic Chemistry Physics I Physics I AP Biology II AP Animal Science
Foreign Language	Spanish I, II, III, III PAP, IV AP, and V AP American Sign Language I, II, and III	
Fine Arts	Art I, II, III PAP and IV AP Treble Choir Concert Choir	Symphonic Band Theatre Arts I and II Prin. & Elem. of Floral Design
Technology/Business	Business Info Management A Business Info Management B Multimedia Production Multimedia Lab Cinematography	
Physical Education	Physical Education Athletic Period	Physical Education Equivalent Off-Campus Phys. Education
Agriculture & Consumer Sciences	Principles & Elements of Floral Design Food Technology & Safety (Culinary I) Food Processing (Culinary II) Wildlife, Fisheries, & Ecology Management Small Animal Management Veterinary Medical Applications Animal Science	
Additional Programs & Non-Academic Options	Study Hall Student Aide	
Online Only Courses	Business Law. Digital Photography A Digital Photography B. Foundations of Programming Music Appreciation	Video Game Design A Video Game Design B You Tube 101

Senior Course Selection		
Theology	Christian Apologetics Christian Ethics Advanced Student Leadership	
Language Arts	English IV English IV AP Communication Applications Debate I, II, III, IV Journalism: Yearbook I, II, III and IV	
Social Studies	Sociology Psychology Economics	Economics H Government Government AP
Mathematics	Algebra II Algebra II PAP Adv. Algebra with Fin. App. Pre-Calculus. College Algebra DC Trigonometry DC	Pre-Calculus DC Statistics AP/DC Elements of Cal DC AP Calculus AB AP Calculus BC
Science	Chemistry II AP Chemistry II DC Environmental Systems Into to Engineering Design Anatomy and Physiology	Organic Chemistry Biology II AP Physics I Physics I AP Physics II AP Animal Science
Foreign Language	Spanish I, II, III, III PAP, IV AP, and V AP American Sign Language I, II, III H, and IV	
Fine Arts	Art I, II, III PAP, and IV AP Concert Choir Symphonic Band	Theater Arts I and II Prin. & Elem. of Floral Design
Technology/Business	Bus Info Management A Bus Info Management B	Sports-Adv. Multimedia News/Events-Adv. Multimedia Filmography-Adv. Multimedia
Physical Education	Physical Education Athletic Period	Physical Education Equivalent Off-Campus Phys. Education
Agriculture & Consumer Sciences	Prin. & Elem of Floral Design Food Tech & Safety (Cul I) Food Processing (Culinary II) Wildlife, Fish & Eco Mgt.	Small Animal Management Veterinary Medical Appl. Animal Science Culinary III
Additional Programs & Non-Academic Options	Study Hall Student Aide	
Online Only Courses	Business Law Digital Photography A Digital Photography B Foundations of Programming Music Appreciation Video Game Design A Video Game Design B You Tube 101	