

TURLOCK CHRISTIAN SCHOOL JUNIOR HIGH/HIGH SCHOOL



COURSE CATALOG **2023-2024**

COURSE SELECTION POLICIES

COURSE SELECTION AND ENROLLMENT

Students must be formally enrolled at Turlock Christian School for the upcoming school year in order to complete a course-selection form. The course selection forms for current students will be completed between March and April. Courses offered are determined by the possible enrollment size of the class. Some courses may be offered every other year.

STUDENT COURSE ADVISING

Each year, teachers, the guidance counselor, and the principal can assist students in selecting the best courses for the following year. Students may also make an appointment with the guidance counselor to further discuss course selections.

PREREQUISITES AND RECOMMENDATIONS

The course catalog lists prerequisites and/or recommendations for each course. Please read them carefully before selecting courses. All grade prerequisites are listed as a general letter grade (no pluses/minuses), but the student's specific grade percentage may be considered when the course list is reviewed by counselors and teachers. Recommendations are important factors that have proven consistent with student success in the classroom.

COURSE LIST REVIEW

The guidance counselor, teachers and admin review course lists, checking that each student has met the prerequisites, but it is ultimately the student's responsibility to be aware of the prerequisites and to be sure he/she is enrolled in appropriate courses. If a student has not met the prerequisite, he/she may be removed from the course and placed in the appropriate level course. If a teacher or counselor has a concern about a student's ability to succeed in a course, the counselor or teacher will notify the student of the concern and review possible options.

ENROLLMENT APPEALS

If a student does not meet the prerequisites and feels there should be an exception made due to a unique circumstance, the student should write a formal request to the counselor with his/her reasoning. The counselor can then present the appeal to the current teacher and/or future teacher for consideration. If the student is denied admittance to a course due to concerns expressed by the current teacher and/or future teacher and still wants to enroll, the student

should speak to the counselor. In some circumstances the student and parent may need to sign a contract, documenting that they both understand the student is enrolling in a course against counselor and teacher recommendation. Other times the original denial must stand due to the particular demands of the course.

COURSE CONFLICTS

Turlock Christian High School works diligently to minimize course conflicts, but students with several specialized course requests may be asked to prioritize their course requests. If a student is unable to take a course due to a conflict, the principal will notify him/her. If the principal notifies a student of a conflict, the school has already made attempts to move the courses to make the schedule work but was unable to find a solution.

COURSE CHANGE REQUESTS

Once the course list is posted in RenWeb for parental review, the student's course list becomes finalized for the upcoming year. Unless the principal contacts the student with a conflict or concern, the course list is considered fixed until the start of school. **Class changes must be made within the first three weeks of school; otherwise, students will receive a "W" for withdrawn on their transcript.**

GRADUATION REQUIREMENTS

Each student is expected to spend a full four years in high school. Attending summer school or carrying more than a normal load during the regular school year should be regarded as an enrichment of the student's education rather than an accelerated program. Course standing will be based on the total number of credits successfully achieved.

A senior will not be awarded a diploma and may not participate in the graduation ceremony until he/she has completed all requirements and accumulated the total credits necessary. All financial obligations, including a graduation fee, must be met before the student can participate in commencement exercises. Students are expected to enroll in a full seven period course load, with exceptions for seniors meeting graduation requirements who may be permitted to have an unscheduled first or last period. They must, however, leave campus or be in supervised areas during this unscheduled time.

CREDITS	YEAR	SUBJECT AREA
40	4	Bible/Community Service*
40	4	English
10	1	Health
20	2	LOTE (Language other than English - 3 Recommended)
30	3	Math (4 Recommended)
20	2	Physical Education**
30	3	Science (Biology Lab Req.)
30	3	Social Science (To include: One semester Government, one semester Economics)
10	1	Visual & Performing Arts
40	4	Electives
250		TOTAL CREDITS TO GRADUATE

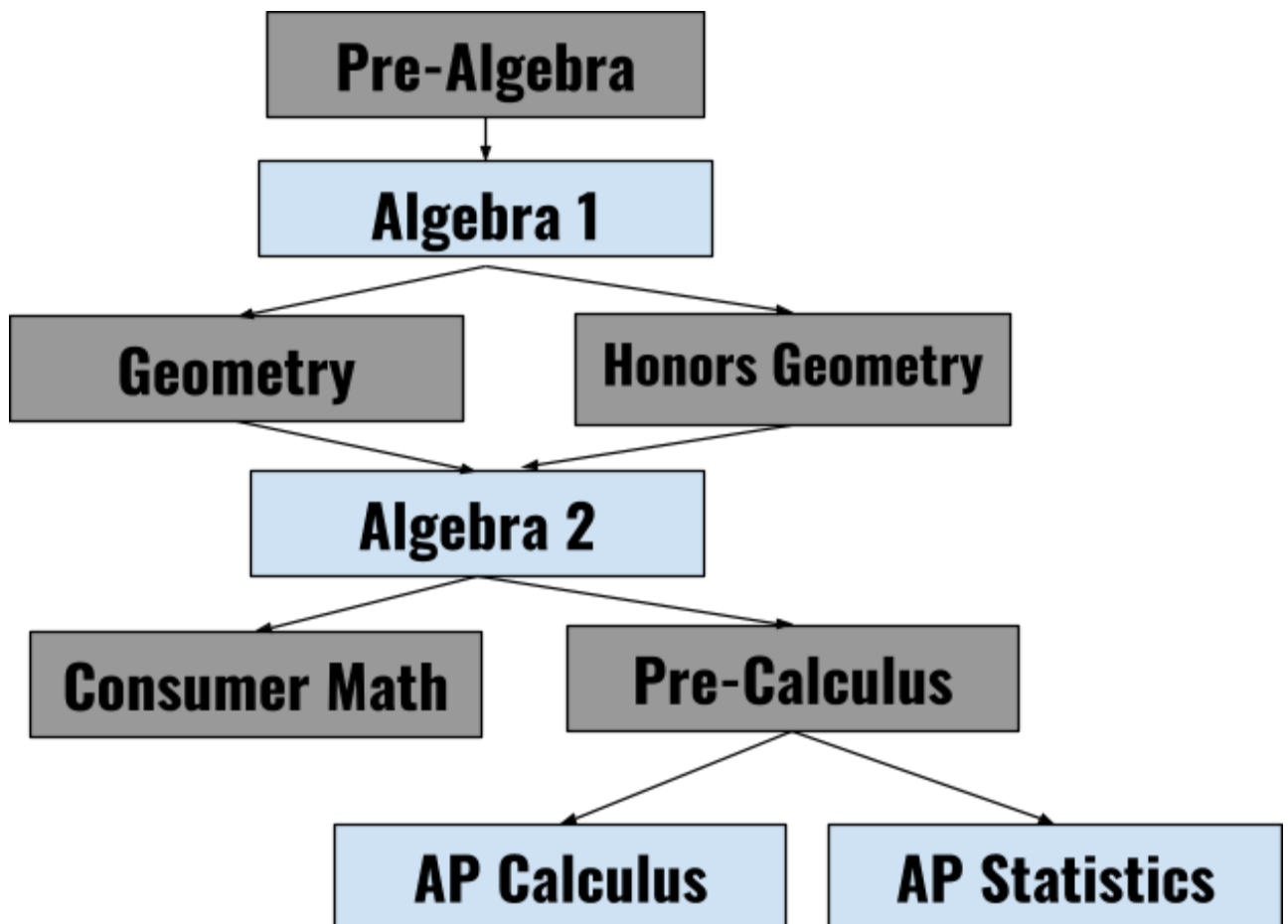
*Bible is required for each semester of attendance at TCS. Required Bible credits are waived for any semester that the student does not attend TCS. These credits are then added to the required elective credits.

**Two years of Physical Education is required for High School. One season of a sport can replace one semester of PE, so to complete the requirement through sports, a student must participate in four seasons of a HS sport.

MATH MAP

Three years of math are required to graduate from TCS. Students should reach Algebra II in order to be college eligible. TCS highly recommends four years of math to compete in the college market.

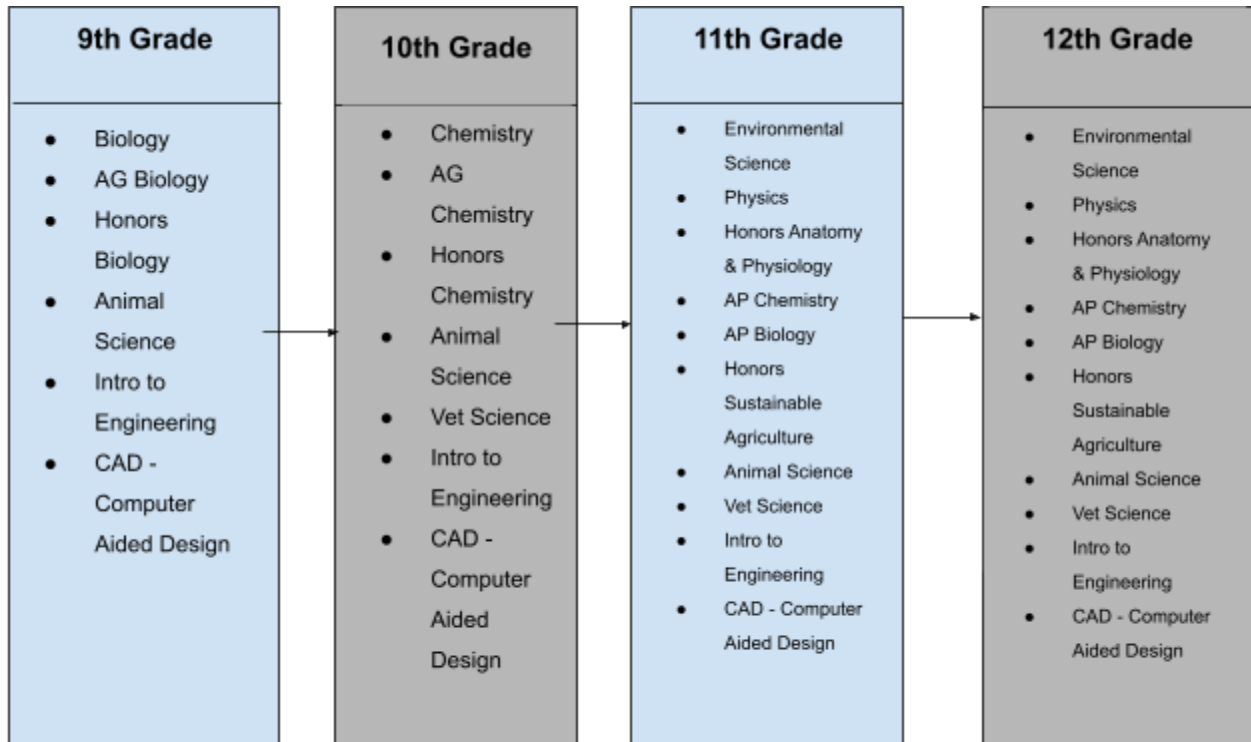
Students will start at a variety of different levels based on previous completed math courses, math placement tests, grades, **and teacher recommendations.



SCIENCE MAP

Three years of science are required to graduate from TCS. Most colleges require at least two lab sciences for admittance. Students interested in continuing science classes have several choices.

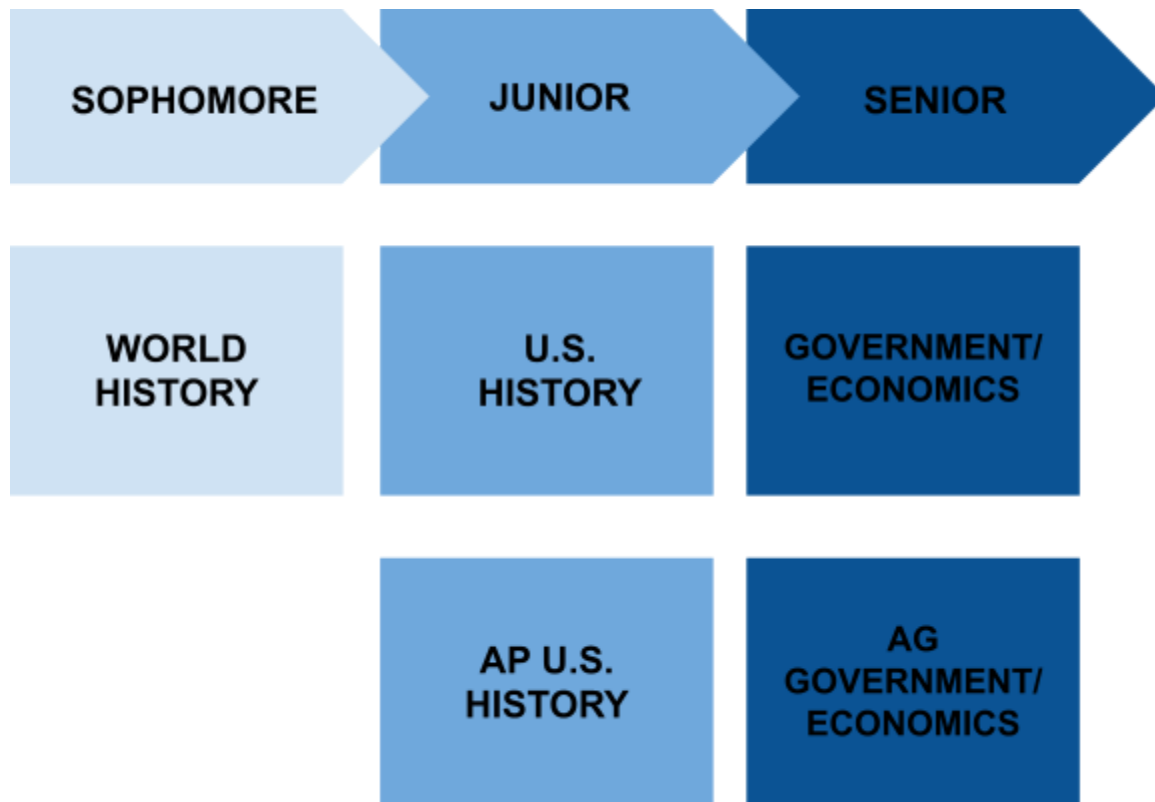
High School Classes



****Honors science classes must have a teacher recommendation, qualifying grades based on past courses and test scores.**

SOCIAL SCIENCE MAP

Three years of social science are required to graduate from TCS. Students must take a Government/Economics class their senior year.





COURSE OFFERINGS

TCS DUAL CREDIT COURSES

Dual credit courses are ones that are taught by a TCS teacher who serves as an adjunct professor at a partner college. The course is taught during the regular school day and recorded on both TCS transcripts and the college/university transcript.

Students must apply through the college/university in order to receive the college credit. Information will be sent out at the beginning of the semester.

DUAL CREDIT COURSES

- Honors Anatomy and Physiology
- AP Biology
- AP Chemistry
- ASL 1, 2, and 3
- Advanced Algebra
- Environmental Science
- Pre-Calculus
- AP Statistics
- Comparative Religions and Worldviews
- Understanding the Culture



TCS Honors and Advanced Placement Courses

Turlock Christian School believes in providing students with challenging opportunities to excel in their academics. Honors and Advanced Placement (AP) courses require more effort and time commitment. It is important for students to ensure that they have a balanced academic and extracurricular schedule. Both Honors and AP classes carry a higher GPA weight than standard classes. Students can expect to have more outside work in both of these class types. Students in AP courses will also be expected to take the AP exam for that course in May. *A passing score will enable that student to receive college credit for the course.*

TURLOCK CHRISTIAN AP COURSES:

- **AP Biology**
- **AP Chemistry**
- **AP Physics**
- **AP Calculus**
- **AP Statistics**
- **AP English Literature & Composition**
- **AP English Language & Composition**
- **AP Spanish**

TURLOCK CHRISTIAN HONORS COURSES:

- **Honors Anatomy & Physiology**
- **Honors Band**
- **Honors Biology**
- **Honors Chemistry**
- **Honors Geometry**
- **Honors English 9**
- **Honors English 10**
- **Honors Spanish 3**
- **Honors Spanish 4**
- **Honors Understanding the Culture**
- **Honors Comparative Religions**
- **Honors Sustainable Agriculture**



AGRICULTURE EDUCATION

AGRICULTURE EDUCATION COURSES OFFERED:

- AG Biology
- Honors Sustainable Agriculture
- AG Chemistry
- Veterinary Science
- AG Government & Economics
- FFA Leadership
- Floral Art and Design
- Animal Science
- Junior High Ag Explorations



AG BIOLOGY

<i>Course Number</i>	183
<i>Grade Level</i>	9
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Science
<i>UC Approval</i>	Yes; Category D
<i>Fees</i>	None

COURSE DESCRIPTION

Ag Biology is a one year, laboratory science course, designed for the college-bound student with career interests in agriculture. This course emphasizes the life functions and interrelationships of plants and animals, focusing on growth and reproduction, genetics, animal behavior, animal and plant taxonomy, nutrition, health and disease and the ecological relationships among plants, animals and humans. Students will be involved in “hands-on” agriculture activities and projects. Participation in FFA activities is an integral part of this course. This course satisfies the life science graduation requirement.

****MUST BE IN FFA & SAE**

HONORS SUSTAINABLE AGRICULTURE

Course Number	302
Grade Level	11-12
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events.

****MUST BE IN FFA & SAE**

AG CHEMISTRY

<i>Course Number</i>	103
<i>Grade Level</i>	10
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Science
<i>UC Approval</i>	Yes; Category D
<i>Fees</i>	None

COURSE DESCRIPTION

During this one year course, students explore the fundamental principles of Chemistry through soil science in which they characterize the properties of matter and how it reacts. Computer-based and traditional laboratory techniques are used to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, kinetics, equilibrium, acids and bases, and possibly nuclear chemistry. The main goal of this class is to provide a solid foundation in the study of matter and its changes. Through many activities students will demonstrate how theory is applicable in laboratory situations. All students will develop good methods of problem solving and proper laboratory technique.

****MUST BE IN FFA & SAE**

VET SCIENCE

<i>Course Number</i>	304
<i>Grade Level</i>	10-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Science
<i>UC Approval</i>	Yes; Category D
<i>Fees</i>	None

COURSE DESCRIPTION

This course is designed to provide students with an opportunity to study the science of veterinary medicine, including animal anatomy and physiology, animal health, nutrition, and cause and prevention of disease. Students will learn the various veterinary lab skills, aseptic and surgical procedures, basic radiology, and scientific research and writing skills. Strongly encouraged for students pursuing a career in the medical field.

****MUST BE IN FFA & SAE**

AG GOVERNMENT/ECONOMICS

Course Number	Gov't - 107 Econ - 105
Grade Level	12
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Social Studies
UC Approval	Yes; Category A (Gov't); Category G (Econ)
Fees	None

COURSE DESCRIPTION

The Ag Economics course is designed for the student interested in understanding the operations and institutions of economic systems as applied to our nation's largest industry—agriculture. Units of instruction include basic economic concepts, comparative economic systems, individual and aggregate economic behavior and personal finance. Instruction is also given in leadership, citizenship, and career education.

This course focuses on the structure and processes of the United States Government System. Initial emphasis will be on the responsibilities and rights of citizenship, voting, political parties, elections, campaigns, the Constitution, the branches of government, and the Bill of Rights. Additionally, the course will compare the political powers at the local, state, national, and global levels. A consistent focus throughout the course will be an analysis of the role that both the government and the voters play in developing policies and laws affecting the Agricultural Industry.

****MUST BE IN FFA & SAE**

FFA LEADERSHIP

Course Number	136
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Electives
UC Approval	Yes; Category G
Fees	None

COURSE DESCRIPTION

Course is designed for students who share a common vision towards the growth and development of the agriculture/FFA program. Students will be encompassed in a variety of leadership, management, and employability, public speaking, and community service skills. "Hands-on" learning utilizing computers, technology, and advanced communications will be addressed. One of the primary objectives of the class is to organize, prepare, and implement the TC Agriculture Program / FFA Program of Activities.

Students are expected to carry positive attributes such as a positive attitude, productive work ethic, strong initiative and desire to work towards a common goal / vision, and the willingness to "be involved".

****MUST BE IN FFA & SAE**

FLORAL ART & DESIGN

<i>Course Number</i>	327
<i>Grade Level</i>	9-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Electives
<i>UC Approval</i>	Yes; Category F
<i>Fees</i>	None

COURSE DESCRIPTION

Students will explore elements and principles of design, two- or three-dimensional designs, history of floral art, arrangement styles and techniques, seasonal holidays and occasional designs. The students will use their skills to make a variety of floral arrangements. In addition, all students will learn various types of cut and potted foliage, potted flowering plants, fresh flowers, tools, materials, display techniques, and cut flower care. Students will learn to recognize balance, and harmony within arrangement, along with scale, color, and design. The historical and cultural past of the floral industry will be discussed as it relates to modern floral design and tradition. Because of the nature of this class, many projects will be created. Students are required to complete FFA activities and a Supervised Agricultural Experience project for this course.

****MUST BE IN FFA & SAE**

AG SALES AND MARKETING

<i>Course Number</i>	200
<i>Grade Level</i>	10-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Electives
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

This course introduces students to the business world as it relates to agriculture -- the world's largest industry. It prepares students to perform tasks related to agribusiness, sales, marketing, and management of farm and agriculturally related enterprises. Included is the study of agribusiness related careers, responsibilities of management, government organizations and regulation, agricultural credit, and accounting. All students enrolled in the program will participate in the FFA and complete an SAE as a planned and graded portion of the class.

****MUST BE IN FFA & SAE**

ANIMAL SCIENCE

<i>Course Number</i>	200
<i>Grade Level</i>	9-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Electives
<i>UC Approval</i>	Yes; Category D
<i>Fees</i>	None

COURSE DESCRIPTION

This course is designed to introduce students to animal and livestock production. Students will gain a basic knowledge in animal anatomy, reproduction, genetics and health management.

****MUST BE IN FFA & SAE**

JH AG EXPLORATIONS

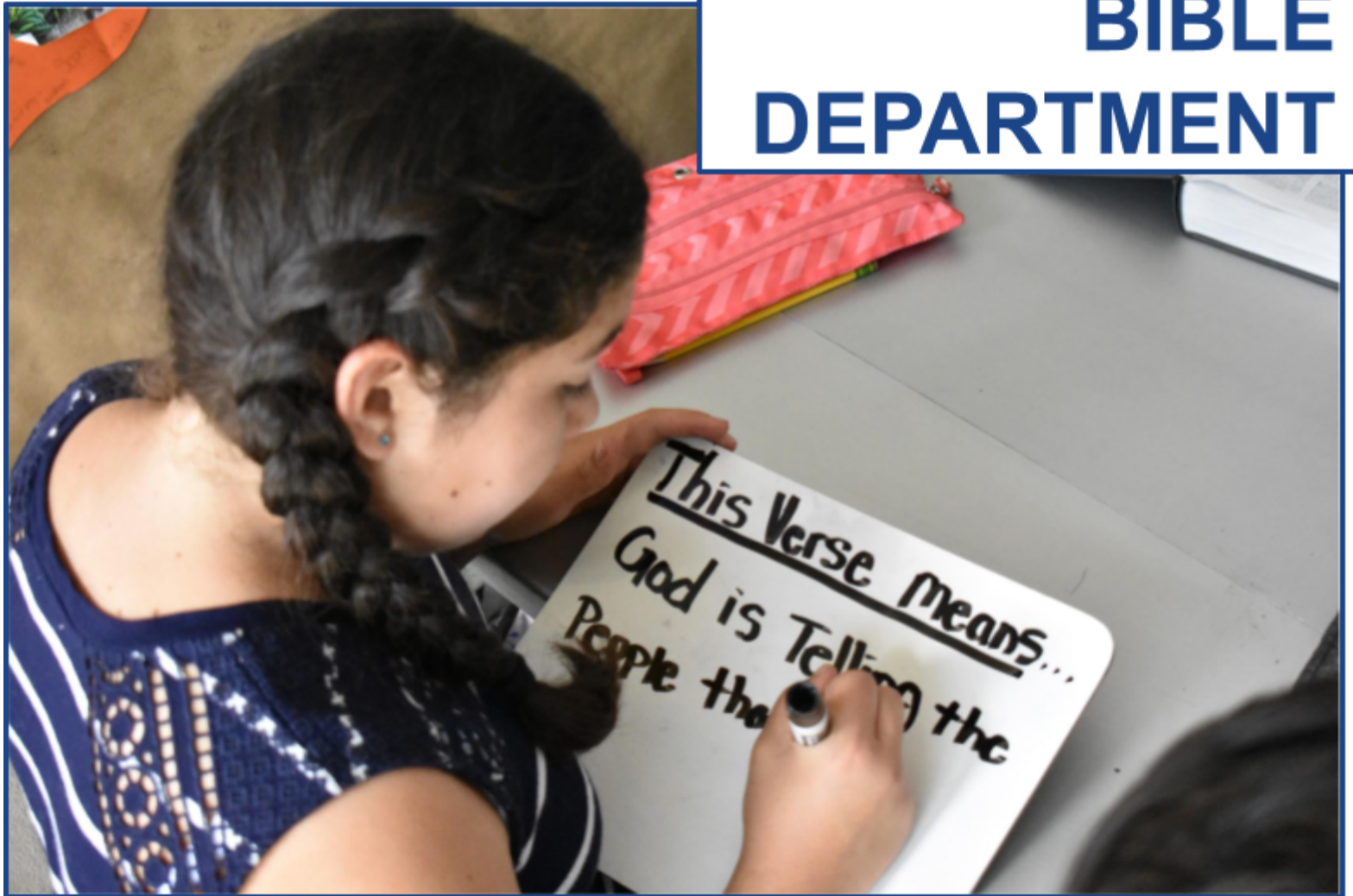
<i>Course Number</i>	200
<i>Grade Level</i>	7-8
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	NA
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Electives
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

This course is an introductory course designed to expose students to different facets of FFA and the agriculture industry. Students will gain knowledge in animal science, plant science, leadership skills, public speaking and FFA opportunities. Instruction and student learning will occur through lectures, student projects, group discussions, hands on experiences and their FFA experiences.

****MUST BE IN FFA & SAE**

BIBLE DEPARTMENT



BIBLE COURSES OFFERED

Bible Courses:

- JH: Old Testament Survey
- JH: New Testament Survey
- Bible 9: Apologetics
- Bible 10: Christian Character
- Christian Leadership
- Honors Comparative Religions & Worldviews
- Honors Understanding the Culture
- Intro to Bible (New or International Students)

Community Service Requirement:

Turlock Christian School believes that community service is an integral part of developing a servant's heart. Each year students will have a community service requirement as part of their Bible grade. Students must complete the community service requirement for each year that they are students at TCS.

Freshman	20 Hours
Sophomores	25 Hours
Juniors	30 Hours
Seniors	30 Hours



JUNIOR HIGH - OLD TESTAMENT SURVEY: WALKING WITH GOD AND HIS PEOPLE

Course Number	87
Grade Level	7-8
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	NA
UC Approval	None
Fees	None

COURSE DESCRIPTION

Old Testament Survey is a review of the primary content of Old Testament books and themes. The course is designed to provide an appreciation for and cohesive understanding of the major figures, events, and themes of the Old Testament and its foundational relationship to the New Testament.

JUNIOR HIGH - NEW TESTAMENT SURVEY: *WALKING WITH GOD AND HIS PEOPLE*

Course Number	91
Grade Level	7-8
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	NA
UC Approval	None
Fees	None

COURSE DESCRIPTION

NT Survey is a review of the primary content of New Testament books and themes. The course is designed to provide an appreciation for and cohesive understanding of the major figures, events, and themes of the New Testament, the ushering in of the kingdom of God through the life, death and resurrection of Jesus.

BIBLE 9 - APOLOGETICS

Course Number	306
Grade Level	9
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Bible
UC Approval	Yes; Category G
Fees	None

COURSE DESCRIPTION

“What is truth?” This question rings true in people’s hearts loud and clear. The objective of this course is to challenge the students in their personal faith in Christ Jesus, that they would discover the means and truth to defend their faith through critical thinking and clear arguments based on evidence from Scripture. We as Christians have truth given to us by God and have an opportunity to share that truth with love with those in the world.

BIBLE 10 - CHRISTIAN CHARACTER: *RENOVATION OF THE HEART*

Course Number	128
Grade Level	10
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Bible
UC Approval	None
Fees	None

COURSE DESCRIPTION

This course focuses on the spiritual development of the heart of the student. In order to foster a *growing* relationship with Christ, students will examine ways to seek God and to act according to His will. To that end, students will be given opportunities to:

- Recognize and experience the love Christ has for them, with the hope of this leading to a relationship of trust with Him.
- Safely express and challenge struggles or doubts they may have about the reliability of scripture and/or other elements of their faith.
- Experience a “Renovation of their Hearts” (a rearranging of character and priorities) that is evidenced in their lives.

SOPHOMORE OUTDOOR ED:

All 10th grade students attend Outdoor Ed in Yosemite Nat'l Park (3 days/2 nights of camping, hiking, and spiritual retreat)

CHRISTIAN LEADERSHIP

Course Number	210
Grade Level	10-12
Prerequisite	None
Application and/or Audition Date	Application submitted in Spring
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Bible
UC Approval	None
Fees	None

COURSE DESCRIPTION

This course educates students on the principles of Christ-like leadership and the central values within Christianity in an activities based setting. Components include: an in depth look at the servanthood of Christ, a study of biblical prayer and evangelism, and the importance of knowing and understanding scripture. The last component includes the practical application of the course as students participate in leading chapels, prayer times, and are given opportunities throughout the year to care for the sick and hurting. Students will be trained and given hands on opportunity to share their personal faith with those around them compelling unbelievers to encounter the supernatural power of Jesus Christ. Students must apply for this class in the Spring of the previous year.

HONORS COMPARATIVE RELIGIONS AND WORLDVIEWS

Course Number	202
Grade Level	11-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Honors
Credits	10
TCS Graduation Credit	Bible
UC Approval	Yes; Category G
Fees	None

COURSE DESCRIPTION

What religion is right? Who is to say? The objective of this course will challenge the student's faith and their understanding of the world they live in and how it lines up with what God expects. We will teach skills that will help them to analyze, compare and contrast the facts of the world beliefs around them. They will learn how to understand and speak to the hearts of the people that they encounter in their daily lives with truth and love.

HONORS UNDERSTANDING THE CULTURE

Course Number	201
Grade Level	11-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Honors
Credits	10
TCS Graduation Credit	Bible
UC Approval	None
Fees	None

COURSE DESCRIPTION

The world that we live in is in need of its King! How can we fill a God-shaped hole in the culture we are surrounded by without being drawn into the darkness? Our objective with this course is to show students how God's Word can transform them personally. With that transforming power, we will teach them to take God's principles into a culture that is starved for His love and truth and live those principles out in their lives to impact those around them. We will be looking to engage the whole person, the head, heart, and hands in building the kingdom of God.

INTRODUCTION TO BIBLE

Course Number	144
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Bible
UC Approval	None
Fees	None

COURSE DESCRIPTION

This course is designed to introduce students to the Holy Bible through a study of both the Old and New Testaments, emphasizing how these ancient writings point to our Savior, Jesus Christ. The primary emphasis is to guide students, with the help of the Holy Spirit, into a deeper and richer knowledge and understanding of the history of the Bible, so that students may experience a vibrant relationship with our Lord. This course also introduces strategies for building effective spiritual disciplines, such as understanding the Christian way of life, prayer and devotion, and the use of Scripture.

ELECTIVES



ELECTIVE COURSES OFFERED

- **ASB Student Leadership**
- **Business Internship (Juniors & Seniors)**
- **Church Production**
- **Computer Science (HS)**
- **Communications**
- **ESL (English as a Second Language)**
- **JH Computer Science**
- **JH/HS Physical Education**
- **Preschool or Elementary Teacher's Aide (Juniors & Seniors)**
- **Strength and Conditioning**
- **Teacher's Aide (TA)**
- **Open Period or Unscheduled (Seniors Only)**
- **Introduction to Woodworking**
- **Advanced Woodworking**



ASB STUDENT LEADERSHIP

Course Number	124
Grade Level	9-12
Prerequisite	Voted into position/Advisor Approved
Application and/or Audition Date	April of the previous school year.
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Electives
UC Approval	None
Fees	None

COURSE DESCRIPTION

Designed for elected student body representatives, this course emphasizes leadership, budget planning and implementation, and the planning and coordination of activities for the student body while developing and emphasizing a positive school culture.

Additional Expectations

Students are required to attend all ASB functions, including school dances and other organized ASB functions. Many activities require additional time (set up early or the night before, and staying late for clean up after the event).

BUSINESS INTERNSHIP

Course Number	
Grade Level	11-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	5
TCS Graduation Credit	Electives
UC Approval	None
Fees	None

COURSE DESCRIPTION

An internship is an unpaid, career focused experience during which students become directly involved in a local business. This experience provides an opportunity for a student to apply the skills obtained in high school to real work situations, and to learn additional skills. An internship will also help students define career goals. The Business Internship course combines classroom and site based training. Since this course requires travel, only students with either a driver's license or parent transportation can apply. Students are carefully placed with businesses that provide them with an opportunity to explore careers in their personal area of interest.

CHURCH PRODUCTION

Course Number	214
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10/year
TCS Graduation Credit	Electives
UC Approval	None
Fees	None

COURSE DESCRIPTION

Students in the class will have the opportunity to learn about sound, light, and computer technology. Students will help with all aspects of technology for chapel and other school events. This is a great hands-on learning experience for students interested in the technology side of church production.

COMMUNICATIONS

Course Number	249
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Elective
UC Approval	Yes; Category G
Fees	None

COURSE DESCRIPTION

This is a U.C. Certified elective course which emphasizes the importance of strong communication & leadership skills in today's world. Students who are introverted or inexperienced in public presentation will experience a safe environment and a rapid increase in their comfort level with communication both inside and outside the classroom. Students will learn how to be an *effective* communicator in their educational, professional, familial & social circles, both today and in the future. Heavy emphasis will be placed on public speaking/presenting, and business communication skills (from leading meetings & presentations, to resume' writing & interview skills). Units will be:

Theater Unit

Comprehensive approach to production including script writing, set design, sponsorships, promotions, Etc.

Multimedia Unit

Radio broadcast / station
Student Vlog / weekly announcements
School newspaper
Business aspects of each

Debate /Public speaking Unit

Professional Preparations Unit

Interview skills
Resumes and cover letters
Job search

Social Media Unit

Assessment of various platforms
Photography and videography
Website creation
Blogs and vlogs

Documentary Unit

Interviews / life stories / public figures and figures of historical interest

Marketing and Advertising Unit

COMPUTER SCIENCE

<i>Course Number</i>	334
<i>Grade Level</i>	9-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	Yes; Category G
<i>Fees</i>	None

COURSE DESCRIPTION

Students will use multiple programming languages to develop ideas around logic, math, and creativity. They will create a multitude of projects to explore the different problems around computers, technology, and society. Through these projects, students will develop a foundation about variables, operations, style, abstraction, functions, loops, and conditions. They will design and test their own algorithms, process information, and think about data types, control structures, modules, recursion, and arrays. Students will learn to design and critique the design of others to engage in collaborative problem-solving.

This course will primarily consist of projects for students to work on. They will work on quizzes and tests to assess their understanding and present their work to assess their communication. Students will explore code by reading, making predictions, investigating, debugging, and writing code all throughout the course.

ESL (ENGLISH AS A SECOND LANGUAGE)

<i>Course Number</i>	135
<i>Grade Level</i>	7-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

ESL students come to this class with varying levels of English knowledge and speaking ability. The goal of this class is to give ESL students a safe environment in which to practice and master the many nuances of the English language, both spoken and written. Using instruction based on meaningful communicative tasks motivates students to learn a second language. The teacher's role is to facilitate genuine interaction among students through many classroom activities that are embedded in authentic real-life contexts. Listening, speaking, reading, and writing English both formal and conversational will be required in this class.

JH COMPUTER SCIENCE

<i>Course Number</i>	345
<i>Grade Level</i>	7-8
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

The 7-8th Grade Computer Science class will offer students an opportunity to further develop computer programming skills using block coding and HTML. Students will use a variety of tools to further their understanding of presentation design (including multimedia video and screencasting) and create content on different platforms (including website development). Students will use tools such as spreadsheets to perform data analysis and visualization using charts and graphs. This offering is designed to allow students to go deeper into the learning experience.

Students gained foundational skills in grades 5 and 6 through the Computer Science Enrichment program to support their success in this course. Students new to Turlock Christian will be able to develop the skills needed to support their success in the course.

JH/HS PHYSICAL EDUCATION

<i>Course Number</i>	142
<i>Grade Level</i>	7-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	\$ for PE Uniform

COURSE DESCRIPTION

This course provides students with the opportunity to learn a variety of sports and sport related movements as well as health and fitness concepts. Health topics relate to nutrition, fitness, health and wellness. Emphasis is placed on active participation and positive social interaction during fitness and sport activities.

PRESCHOOL OR ELEMENTARY SCHOOL TEACHER'S AIDE

<i>Course Number</i>	286
<i>Grade Level</i>	HS
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	Director or Principal Approval
<i>Grade Scale</i>	Standard
<i>Credits</i>	5
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

Students will have the opportunity to work alongside a preschool or elementary teacher. TA's will learn the in's and out's of being a teacher including: working with groups of children, reading, grading, bulletin boards, etc. This is a wonderful opportunity for students to learn, firsthand, from one of our amazing Turlock Christian teachers. Students will need to have their driver's license or parent transportation to and from the elementary campus.

STRENGTH AND CONDITIONING

<i>Course Number</i>	168
<i>Grade Level</i>	HS
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Standard
<i>Credits</i>	5/semester
<i>TCS Graduation Credit</i>	Electives
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

This course is designed to familiarize the student to an approach at athletic conditioning and strength training. This class will promote students the knowledge in developing, tracking and learning about resistance training as it relates to athletics. Students will develop a weight-training program based on a personal fitness goal. Students will be instructed in basic principles of strength training & conditioning for personal fitness and development. The course focus is on strength training which includes instruction in lifts & principles of strength training and conditioning. Students will be provided quality workout opportunity based on the strength training principles taught. Tests and measurements of fitness, strength, & conditioning, as a means of evaluating progress, will be part of this course.

TEACHER'S AIDE (T.A.)

<i>Course Number</i>	169
<i>Grade Level</i>	11-12
<i>Prerequisite</i>	GPA of 2.5 or above; Good citizenship; Instructor approval.
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Pass/Fail
<i>Credits</i>	5/semester
<i>TCS Graduation Credit</i>	Electives
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

The TA program offers juniors and seniors an opportunity to learn and enhance organizational and administrative skills in a classroom setting. Students provide teachers with needed support and practical assistance in various teaching areas. Typical duties for the TA include filing, bulletin board maintenance, classroom set-up and organization, and teacher-supervised assistance.

OPEN PERIOD OR UNSCHEDULED

<i>Course Number</i>	215
<i>Grade Level</i>	12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	NA
<i>Credits</i>	0
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	None

COURSE DESCRIPTION

An unscheduled morning or afternoon period is available only to seniors who opt to take a reduced academic load of six courses. TCS does not recommend that seniors take an unscheduled period.

INTRODUCTION TO WOODWORKING

<i>Course Number</i>	314
<i>Grade Level</i>	11-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	NA
<i>Credits</i>	10 per year
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	\$50 + Materials for projects

COURSE DESCRIPTION

Woodworking is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The projects are designed to give students as much experience as possible by using many different machines and tools. The projects will also cover as many aspects of the building and woodworking industries as is possible in an entry level course.

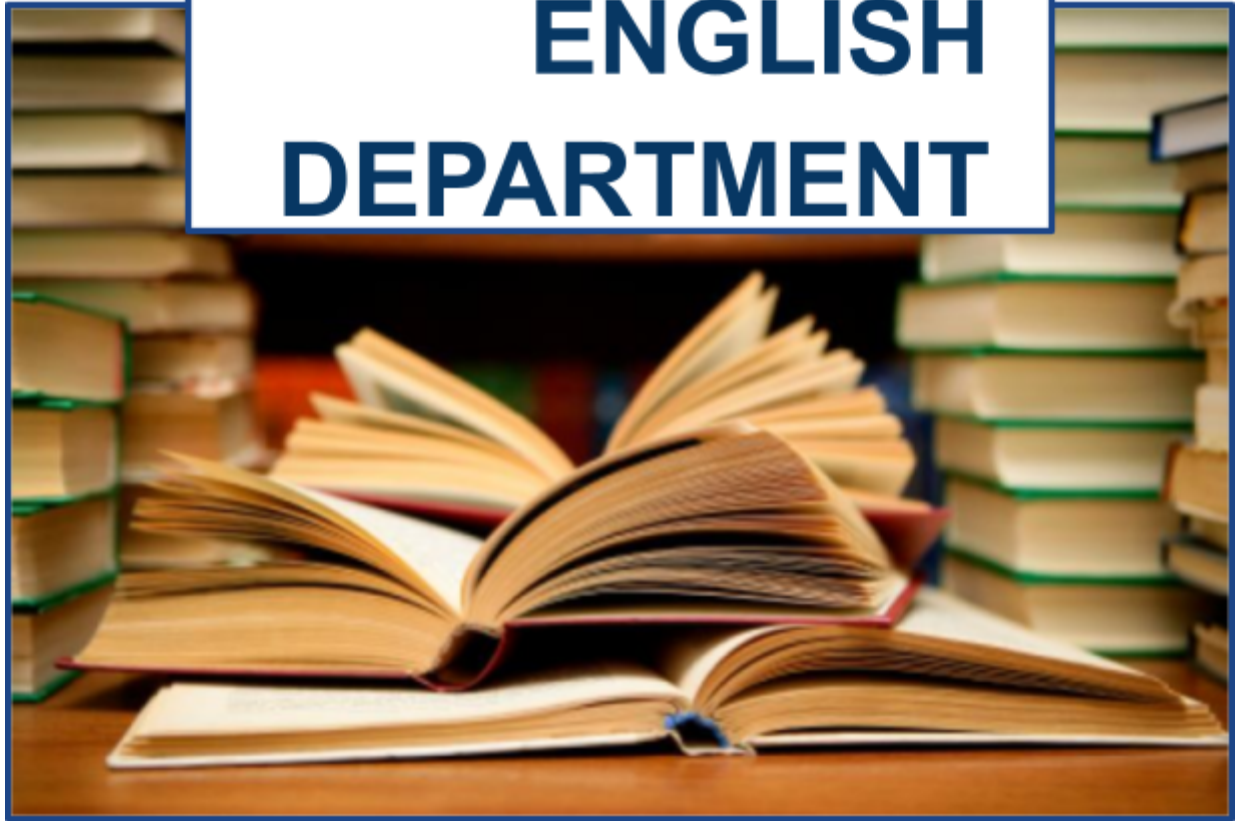
ADVANCED WOODWORKING

<i>Course Number</i>	315
<i>Grade Level</i>	11-12
<i>Prerequisite</i>	Introduction to Woodworking
<i>Application and/or Audition Date</i>	Approval of Mr. Boswell
<i>Grade Scale</i>	NA
<i>Credits</i>	10 per year
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	None
<i>Fees</i>	\$50 + Materials for projects

COURSE DESCRIPTION

This course is available for students to take and is designed as an advanced woodworking course that investigates the art of woodworking and related safety strategies. This course will thoroughly cover both hand and machine woodworking tools to develop advanced skills and techniques for use in the wood shop setting. The prerequisite for Advanced Woodworking is Introduction to Woodworking .

ENGLISH DEPARTMENT



The goal of the Junior High English program is to help students successfully transition to High School English by focusing on the fundamentals of grammar, spelling, vocabulary, paragraph writing, and completing a research paper. Each grade also does novel studies and explores literature through a variety of short stories.

High School English literature classes focus on understanding major literature concepts; studying classic novels; learning authors' methods; increasing vocabulary; and writing essays, critiques, and other papers. English students write many projects to prepare them for their senior year and the SAT essay. Students prepare for college through literature and vocabulary studies, and write a senior project/speech to culminate their year. Novel studies include reading and discussing classic and contemporary novels. AP English classes prepare students to take the AP English Exam by studying figurative language through poetry and prose, writing essays from classical and contemporary literature, and applying literary vocabulary to test-taking.

TCS English teachers integrate all English studies with a Christian worldview.

ENGLISH COURSES OFFERED

- English 7
- English 8
- English 9
- Honors English 9
- English 10
- Honors English 10
- English 11/12
- AP English Literature and Composition
- AP English Language and Composition



The English department offers three different types of courses: college preparatory, honors, and Advanced Placement (AP). In a college preparatory English course, the workload and expectations are designed to prepare students who expect to take the SAT and go on to attend a college or university. Our honors courses are intended for students who are highly skilled and motivated in English and who possess a strong work ethic. AP courses allow students to take a college-level course in a supportive environment; students should expect corresponding rigor and time required.

Summer reading is required for honors and AP English students at the sophomore, junior, and senior levels.

ENGLISH 7

Course Number	88
Grade Level	7
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Not Applicable
UC Approval	None
Fees	None

COURSE DESCRIPTION

Through the use of close reading strategies, students will interact with and respond to various types of texts, write argumentative, explanatory/informative, and narrative texts, conduct research, and give presentations utilizing various formats. Each unit will begin with an essential question. As a student moves through the unit reading various texts, s/he will record evidence from those texts to craft an answer to the question. At the end of each of the six units there will be a performance assessment. In addition, for 30 minutes during each week, I will be holding a Writing Workshop. During that time, I will be teaching students strategies for developing their own writing style based on topics they generated. I will also be using a new vocabulary curriculum to enhance skills in this area.

ENGLISH 8

Course Number	92
Grade Level	8
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Not Applicable
UC Approval	None
Fees	None

COURSE DESCRIPTION

Through the use of close reading strategies, students will interact with and respond to various types of texts, write argumentative, explanatory/informative, and narrative texts, conduct research, and give presentations utilizing various formats. Each unit will begin with an essential question. As a student moves through the unit reading various texts, s/he will record evidence from those texts to craft an answer to the question. At the end of each of the six units there will be a performance assessment. In addition, for 30 minutes during each week, I will be holding a Writing Workshop. During that time I will be teaching students strategies for developing their own writing style based on topics they generated. I will also be using a new vocabulary curriculum to enhance skills in this area.

ENGLISH 9

Course Number	95
Grade Level	9
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	None

COURSE DESCRIPTION

College Preparation English 9 is an introduction to language arts that covers literary terminology, vocabulary building, test-taking strategies and a range of text types. Students will be reading a variety of texts including poetry, short stories, essays, articles, and two major literary works. They will also be given the opportunity to write in various text types and for a variety of purposes. Some of these genres include narratives, arguments, informative texts, research writing, blogging, movie reviews, and more. English 9 is designed to challenge students to think critically think about "Big Questions" generated from literature and informational texts.

HONORS ENGLISH 9

Course Number	194
Grade Level	9
Prerequisite	Grade of 'B' or higher in English 8 and teacher recommendation
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	None

COURSE DESCRIPTION

College Preparation English 9 is an introduction to language arts that covers literary terminology, vocabulary building, test-taking strategies and a range of text types. Students will be reading a variety of texts including poetry, short stories, essays, articles, and two major literary works. They will also be given the opportunity to write in various text types and for a variety of purposes. Some of these genres include narratives, arguments, informative texts, research writing, blogging, movie reviews, and more. Honors English 9 is designed to challenge students to think critically think about "Big Questions" generated from literature and informational texts.

****UC schools do not recognize 9th Grade honors courses. They will count as a regular English 9 course.**

ENGLISH 10

Course Number	96
Grade Level	10
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	None

COURSE DESCRIPTION

Through the use of close reading strategies, students will interact with and respond to various types of texts, write argumentative, explanatory/informative, and narrative texts, conduct research, and give presentations utilizing various formats. Each unit will begin with an essential question. As a student moves through the unit reading various texts, s/he will record evidence from those texts to craft an answer to the question. At the end of each of the six units there will be a performance assessment. In addition, for 30 minutes during each week, I will be holding Writing Workshop. During that time I will be teaching students strategies for developing their own writing style based on topics they generate.

ENGLISH 10 HONORS

Course Number	176
Grade Level	10
Prerequisite	Grade of 'B' or higher in English 9, and teacher recommendation
Application and/or Audition Date	None
Grade Scale	Honors
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	None

COURSE DESCRIPTION

English 10 Honors gives students the opportunity to prepare for Advanced Placement English courses. Students will engage both literary and nonfiction texts and will write argumentative, expository, and research essays. Students will learn MLA documentation and style. Emphasis on argumentation.

ENGLISH 11/12

Course Number	98
Grade Level	11, 12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	None

COURSE DESCRIPTION

This course is a combined English class for 11th and 12th grade students. The first semester focuses on argumentation, while the second semester focuses on literature. The literature study alternates between British and American literature, respectively, giving students a deep understanding of argumentation and a general overview of British and American literature upon graduation.

AP LANGUAGE AND COMPOSITION

Course Number	115
Grade Level	11-12
Prerequisite	3.0 GPA + Instructor Approval. Summer Reading Required.
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	AP Test fee

COURSE DESCRIPTION

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP ENGLISH LITERATURE AND COMPOSITION

Course Number	114
Grade Level	11-12
Prerequisite	Grade of 'B' or higher in English 10/English 10 Honors, teacher recommendation
Application and/or Audition Date	None
Grade Scale	AP
Credits	10
TCS Graduation Credit	English
UC Approval	Yes; Category B
Fees	None

COURSE DESCRIPTION

The AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to create meaning. Students learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone.

A general background in the reading, interpretation, evaluation, and criticism of literature in various genres.



FINE ARTS DEPARTMENT

FINE ARTS COURSE OFFERED

- Art 1
- Art 2
- Color Guard
- Floral Art & Design
- Guitar
- Honors Band
- Jazz Band
- JH Art
- Photography 1
- Photography 2
- Symphonic Band
- Yearbook

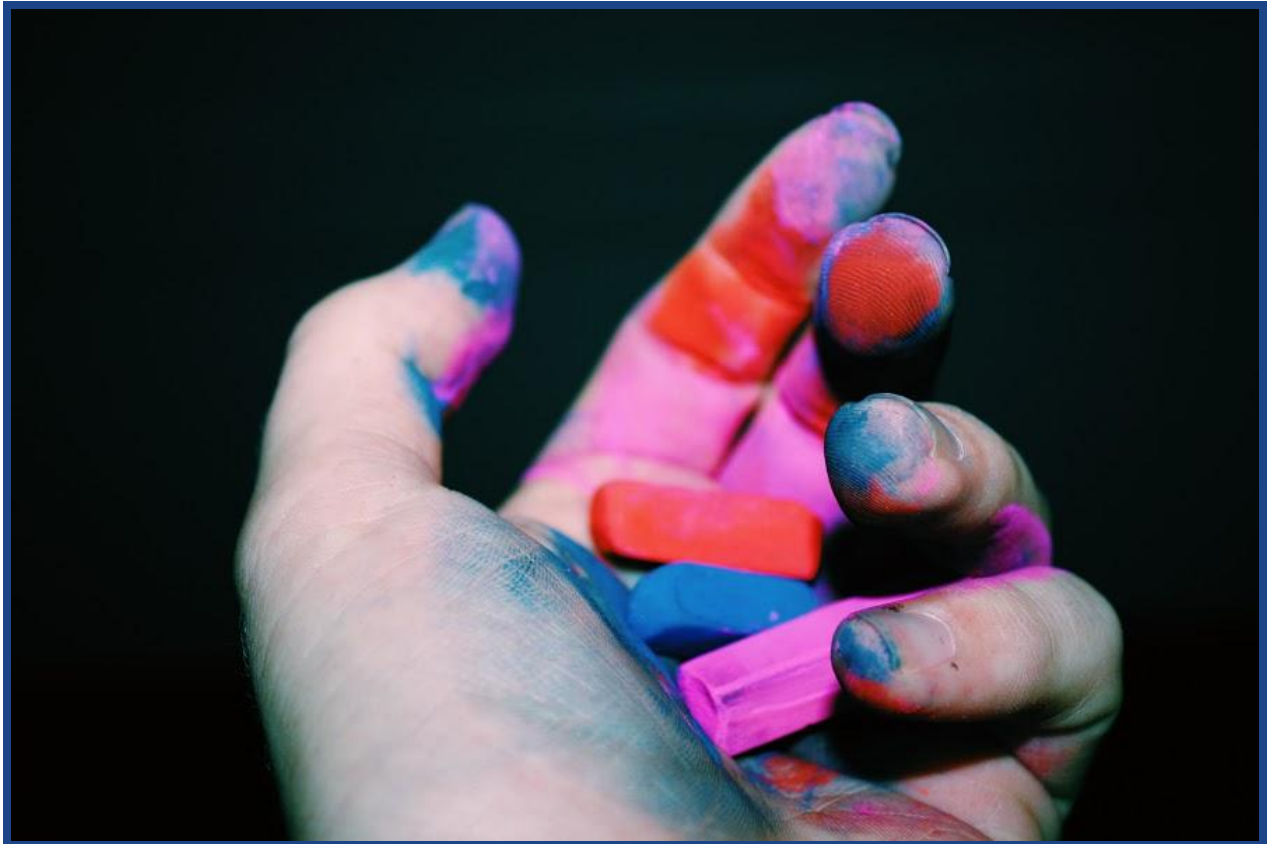


Photo by: Sam (2017-2018)

ART 1

Course Number	119
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

This is a fun introduction into the arts course. This class will lay the foundation for students in the Visual Arts. The course will introduce and focus on the Elements of Arts/Principles of Design and teach the students how to apply them in their own works.. This course includes interactive activities and studio based art lessons using a variety of mediums.

ART 2

Course Number	121
Grade Level	10-12
Prerequisite	Completion of Art 1
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

This course is designed to further develop the concepts and skills learned in art one and is available for second level art students. Students will use the skills and techniques learned previously to enhance artwork in two and three-dimensional design using a variety of different media. This course of study is equivalent to that of an entry- level college art course. Students will develop a portfolio of work consisting of fifteen projects. Using a variety of mediums, students will apply Elements of Art and the Principles of Design when creating original works of art. This course is a prerequisite for Art 3.

COLOR GUARD

Course Number	178
Grade Level	7-12
Prerequisite	None
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	5 (Fall Semester)
TCS Graduation Credit	Fine Arts/Electives
UC Approval	None
Fees	None

COURSE DESCRIPTION

This class is designed for the fall color guard student. Rehearsals take place during class as well as during after school marching rehearsal once a week. Performances include football games, competitions, and parades. Students will receive 1 semester of P.E. credit. Enrollment in four years of HS Color Guard will fulfill the HS P.E. requirement.

GUITAR LAB

Course Number	208
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	5 per semester
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

Guitar students will be able to master basic guitar playing and music reading skills as a result of this course. This course is a UC approved course and meets the fine arts graduation requirement.

HONORS BAND

Course Number	233
Grade Level	9-12
Prerequisite	Teacher approval
Application and/or Audition Date	Approval by Band Director/Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

Honors Symphonic Band is for 9-12 grade students who want to enhance their musical experience. Honors Symphonic Band students are fully integrated with symphonic band students in all rehearsals, practices, and performances. In addition to all Symphonic Band requirements Honors Symphonic Band students are expected to participate in elementary sectionals, audition for Stanislaus County, All Northern and All State honor bands and participate in all ACSI honor bands. This course is UC approved and meets the fine arts graduation requirement. Students in Honors Symphonic Band will also receive a weighted grade for this course.

JAZZ BAND

Course Number	147
Grade Level	7-12
Prerequisite	Must be enrolled in Symphonic Band OR have teacher approval
Application and/or Audition Date	Approval from Band Director/Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

This class will serve as an introduction to jazz music. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, the student will gain an understanding and appreciation for this great art form. Emphasis will be placed on not just performance technique, but also improvisational skills, musicianship, and a sense of personal accountability. This ensemble is a performance based effort in which each student is expected to show technical and musical growth as well as be in attendance at all performances throughout this course. This is a UC approved course and meets the fine arts graduation requirement.

JH ART

Course Number	148
Grade Level	7-8
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	JH Credit
UC Approval	No
Fees	None

COURSE DESCRIPTION

This is a fun introduction into the arts course. Junior High students will be introduced to a variety of art mediums and will focus on the Elements of Arts/Principles of Design and teach the students how to apply them in their own works.. This course includes interactive activities and studio based art lessons using a variety of mediums.

PHOTOGRAPHY I/II

Course Number	155; 156
Grade Level	9-12
Prerequisite	None/ Art II - Completion of Art 1
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

Photography is the process of recording images on sensitized material by the action of light. Students will use the class Canon and Nikon cameras to capture digital photographs. They will learn how to utilize different photography editing programs to enhance picture quality. This class is held in our Tech room which offers various editing software including Adobe Lightroom and Adobe Photoshop. Students will also be creating a photography portfolio.

PIANO LAB

Course Number	158
Grade Level	9-12
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	5/semester
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

This course is designed for students who wish to develop basic piano playing skills, or expand their existing skills. Time in class will be spent both on and off of keyboards. While playing, students will be working individually and in small groups to master techniques of playing and to learn pieces. There will also be time spent in group instruction on musical notation and theory.

SYMPHONIC BAND

Course Number	125
Grade Level	7-12
Prerequisite	Previous instrument experience preferred (Should be able to read music.)
Application and/or Audition Date	Approval from Band Director/Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Fine Arts/Electives
UC Approval	Yes; Category F
Fees	None

COURSE DESCRIPTION

Symphonic Band is an ensemble consisting of outstanding 7-12 grade band students. The band performs at several concerts, competitions, and festivals throughout the school year as well as making up the pep band for home football and select basketball games and the Marching Eagles Band and Color Guard. Students will be expected to demonstrate respect for music, instruments, and each other, follow the directions of the conductor, and attend all practices and performances including after school practices one day a week for the Marching Eagles. Daily participation and practice is expected. Symphonic Band gives 1 semester of P.E. credit to students for marching band participation. Enrollment in four years of HS symphonic band will fulfill the HS P.E. requirement. This course is a UC approved course and meets the fine arts graduation requirement.

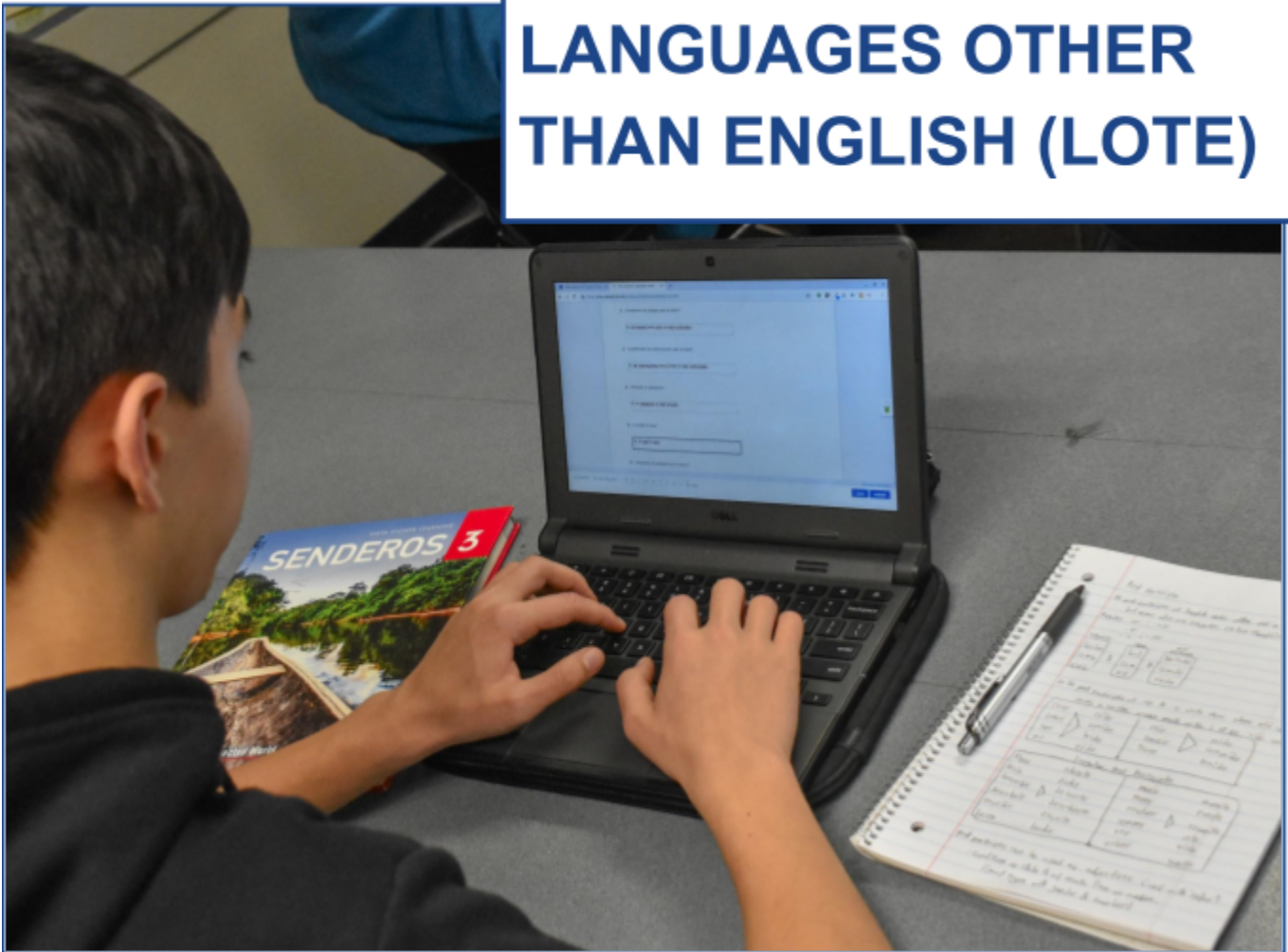
YEARBOOK

Course Number	143
Grade Level	7-12
Prerequisite	None
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Electives
UC Approval	Yes; Category G
Fees	None

COURSE DESCRIPTION

In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copywriting, editing and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

LANGUAGES OTHER THAN ENGLISH (LOTE)



L.O.T.E. COURSES OFFERED

- Introduction to American Sign Language (Junior High)
- American Sign Language (ASL) 1
- American Sign Language (ASL) 2
- American Sign Language (ASL) 3
- Introduction to Spanish
- Spanish 1
- Spanish 2
- Spanish 3 Honors
- Spanish 4 Honors
- AP Spanish



INTRODUCTION TO AMERICAN SIGN LANGUAGE (Junior High)

Course Number	316
Grade Level	7-8
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

This is a foundational ASL course meant to give Junior High students experience with basic ASL vocabulary. The class is designed to prepare students for ASL in high school. Students will develop beginning level ASL communication skills -receptive (listening) and expressive (speaking) - with vocabulary and grammar in a cultural context. Course instruction and activities are primarily in ASL. Courses in ASL may necessitate physical contact between students and/or instructor. This contact may include demonstrating culturally appropriate behaviors and/or remediating students' sign production.

AMERICAN SIGN LANGUAGE (ASL) 1

Course Number	257
Grade Level	9 - 12
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	Dual Credit Option Available for Purchase

COURSE DESCRIPTION

This is the first course in the three course series in American Sign Language (ASL) that fulfills the skills category for foreign language. Students will develop beginning level ASL communication skills -receptive (listening) and expressive (speaking) - with vocabulary and grammar in a cultural context. American Deaf culture and history will be introduced with an emphasis on making comparisons and connections to one's own culture. Course instruction and activities are primarily in ASL. Courses in ASL may necessitate physical contact between students and/or instructor. This contact may include demonstrating culturally appropriate behaviors and/or remediating students' sign production.

**** DUAL CREDIT AVAILABLE FOR QUALIFYING STUDENTS**

AMERICAN SIGN LANGUAGE (ASL) 2

Course Number	258
Grade Level	9 - 12
Prerequisite	ASL 1
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	Dual Credit Option Available for Purchase

COURSE DESCRIPTION

This is the second course in the three course series in American Sign Language that fulfills the skills category for foreign language. Students will continue to develop ASL communication skills -receptive (listening) and expressive (speaking) - with vocabulary and grammar in a cultural context. American Deaf culture and history will be expanded upon with an emphasis on family dynamics and making comparisons and connections to one's own culture. Course instruction and activities are primarily in ASL. Courses in ASL may necessitate physical contact between students and/or instructor. This contact may include demonstrating culturally appropriate behaviors and/or remediating students' sign production.

**** DUAL CREDIT AVAILABLE FOR QUALIFYING STUDENTS**

AMERICAN SIGN LANGUAGE (ASL) 3

Course Number	256
Grade Level	9 - 12
Prerequisite	ASL 2
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	Dual Credit Option Available for Purchase

COURSE DESCRIPTION

This is the third course in the three course series in American Sign Language that fulfills the skills category for foreign language. Students will continue to develop ASL communication skills -receptive (listening) and expressive (speaking) - with vocabulary and grammar in a cultural context. American Deaf culture and history will be expanded upon with an emphasis on various topics not previously highlighted in prerequisite courses (to include but not limited to sports, court, and comparing other sign languages). Course instruction and activities are primarily in ASL. Courses in ASL may necessitate physical contact between students and/or instructor. This contact may include demonstrating culturally appropriate behaviors and/or remediating students' sign production.

**** DUAL CREDIT AVAILABLE FOR QUALIFYING STUDENTS**

INTRODUCTION TO SPANISH

Course Number	266
Grade Level	7 - 8
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

Introduction to Spanish will introduce students to the basics of the language and culture. The learning objectives include familiarizing students with basic vocabulary plus oral and written use of this bank of words. Students will learn how to provide descriptions of other people and pets. They will read, listen to, and understand written and spoken language. Students will learn to write and/or present basic Spanish information to an audience of readers or listeners. They will also learn to understand the nature of language through comparisons of the Spanish and the English language.

SPANISH 1

Course Number	165
Grade Level	8 - 11
Prerequisite	80% or higher in English
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	None

COURSE DESCRIPTION

Spanish I is an introductory course to Spanish grammar and conversation. Students will learn the basic verb tenses, parts of speech, expressions, grammatical constructions and vocabulary to develop reading, writing and conversational skills. Students will also be introduced to the various cultural aspects of Spanish speaking countries. As vocabulary and grammatical structures are developed, students will acquire the ability to greet and respond to greetings, introduce and respond to introduction; engage in conversations, express likes and dislikes, make requests; obtain information; understand many ideas and familiar details and begin to provide information.

SPANISH 2

Course Number	166
Grade Level	9-12
Prerequisite	Completion of Spanish 1 with a 70% or higher
Application and/or Audition Date	Teacher signature in spring
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	None

COURSE DESCRIPTION

Spanish II is designed to further students' abilities to communicate in Spanish through the essential areas of language which are reading, writing, listening, speaking, viewing, and showing. Students develop these communication skills by using knowledge of the language, including grammar, and culture, communication and learning strategies, technology and content from other subject areas to socialize, to acquire and provide information.

SPANISH 3 HONORS

Course Number	196
Grade Level	9 - 12
Prerequisite	Completion of Spanish 2 with a 80% or higher
Application and/or Audition Date	Teacher recommendation in spring
Grade Scale	Honors
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	Dual Credit is available for purchase

COURSE DESCRIPTION

Acquiring another language incorporates communication skills such as listening, speaking, reading, and writing. Students develop these communication skills by accessing knowledge of the language developed in Spanish levels I and II, combining those skills with a more extensive study of grammar combined with exposure to culture, communication, and learning strategies, technology and content from other subject areas to socialize, to expressing feelings and opinions, and to acquire and provide information, to express feelings and opinions, and to get others to adopt a course of actions.

**** DUAL CREDIT AVAILABLE FOR QUALIFYING STUDENTS**

SPANISH 4 HONORS

Course Number	199
Grade Level	10 - 12
Prerequisite	Completion of Spanish 3 with a 80% or higher
Application and/or Audition Date	Teacher recommendation in spring
Grade Scale	Honors
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category
Fees	Dual Credit Available for Purchase

COURSE DESCRIPTION

Spanish IV Honors is combined with AP Spanish Language and Culture and incorporates all of the different aspects of language acquisition developed in the previous levels to communicate in written and oral forms. Acquiring another language incorporates communication skills such as listening, speaking, reading, and writing. Students develop these communication skills by using knowledge of the language, which includes the formal study of grammar combined with exposure to culture, communication, and learning strategies, technology and content from other subject areas to socialize, to expressing feelings and opinions, and to acquire and provide information, to express feelings and opinions, and to get others to adopt a course of action. While knowledge of other cultures, connections to other disciplines, comparisons between languages and cultures, and community interaction all contribute to and enhance the communicative language learning experience, communication skills are the primary focus of language acquisition.

**** DUAL CREDIT AVAILABLE FOR QUALIFYING STUDENTS**

AP SPANISH

Course Number	117
Grade Level	10 - 12
Prerequisite	Completion of Spanish 3 or 4 with a 80% or higher
Application and/or Audition Date	Teacher recommendation in spring
Grade Scale	AP
Credits	10
TCS Graduation Credit	Foreign Language
UC Approval	Yes; Category E
Fees	AP Testing Fees

COURSE DESCRIPTION

AP Spanish Language and Culture incorporates all of the different aspects of language acquisition developed in the previous levels to communicate in written and oral forms. While the focus of the AP material is to prepare for the Advanced Placement Spanish Exam, emphasis is placed upon oral and written communication in all areas of life. Acquiring another language incorporates communication skills such as listening, speaking, reading, and writing. Students develop these communication skills by using knowledge of the language, which includes the formal study of grammar combined with exposure to culture, communication, and learning strategies, technology and content from other subject areas to socialize, to expressing feelings and opinions, and to acquire and provide information, to express feelings and opinions, and to get others to adopt a course of action. While knowledge of other cultures, connections to other disciplines, comparisons between languages and cultures, and community interaction all contribute to and enhance the communicative language learning experience, communication skills are the primary focus of language acquisition.



MATH DEPARTMENT

MATH COURSES OFFERED

- Math 7
- Pre-Algebra
- Algebra I
- Geometry
- Geometry Honors
- Advanced Algebra (Algebra II)
- Consumer Math
- Honors Pre-Calculus
- AP Statistics
- AP Calculus



MATH 7

Course Number	222
Grade Level	7
Prerequisite	None
Application and/or Audition Date	Placement test taken in spring of previous year.
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

Concepts students will learn will include developing understanding of and applying proportional relationships; extending previous understanding of operations with rational numbers (positive and negative numbers); solving problems using numerical and algebraic expressions and different types of equations; solving problems involving scale drawings and informal geometric constructions; working with 2- and 3-dimensional shapes to solve problems involving area, surface area, and volume; and statistics and probability (drawing inferences about populations based on samples). Students will be required to communicate their mathematical knowledge through problem solving, reasoning, writing and class discussions.

PRE-ALGEBRA

Course Number	160
Grade Level	7-8
Prerequisite	Completion of Math 7 or passing of math placement test.
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

This course will prepare students to explore and solve problems following a logical succession of steps using the foundations of algebra. Skills taught at this level provide the basis for upper level science and math courses, as well as practical use. To be competent at mathematics, students must learn to translate real-life situations to mathematical models and obtain solutions by using various arithmetical and analytical techniques; and this course helps students to develop these skills.

ALGEBRA I

Course Number	270
Grade Level	8-9
Prerequisite	Passing grade on placement test; Teacher recommendation
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes (HS); Category C
Fees	None

COURSE DESCRIPTION

The UC and CSU approved Algebra 1 course is designed for students to acquire the knowledge needed to master its content and prepares them to undertake freshman-level university study. Skills taught at this level provide the basis for upper level science and math courses, as well as practical use in everyday life applications and other disciplines. To be competent at mathematics, students must learn to obtain solutions by translating actual situations to mathematical models using various arithmetical and analytical techniques; and this course helps students to develop and understand these skills.

GEOMETRY

Course Number	137
Grade Level	9-11
Prerequisite	Passing of placement test; Teacher recommendation
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	None

COURSE DESCRIPTION

This course is UC/CSU approved for freshman-level university study that will prepare students to explore and solve problems following a logical succession of steps using geometry. Skills taught at this level provide the basis for upper level science and math courses, as well as practical use. To be competent at mathematics, students must learn to translate real-life situations to mathematical models and obtain solutions by using various arithmetical and analytical techniques; and this course helps students to develop these skills.

GEOMETRY HONORS

Course Number	193
Grade Level	9-11
Prerequisite	Passing of placement test; teacher recommendation
Application and/or Audition Date	Spring of previous year
Grade Scale	Honor
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	None

COURSE DESCRIPTION

This course is UC/CSU approved for freshman-level university study that will prepare students to explore and solve problems following a logical succession of steps using geometry. Skills taught at this level provide the basis for upper level science and math courses, as well as practical use. To be competent at mathematics, students must learn to translate real-life situations to mathematical models and obtain solutions by using various arithmetical and analytical techniques; and this course helps students to develop these skills.

ADVANCED ALGEBRA (ALGEBRA II)

Course Number	271
Grade Level	9-12
Prerequisite	Passing of placement test; teacher recommendation
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	None

COURSE DESCRIPTION

This course is designed in such a way that all students will be actively engaged in problem solving, reasoning, connecting and communicating mathematically as they study functions and relations; matrices and determinants; quadratic functions and complex numbers; polynomials functions; powers, roots and radicals; rational expressions, equations, and functions.

Special Note: TI-84 Calculator or higher recommended (not required).

CONSUMER MATH

Course Number	284
Grade Level	11-12
Prerequisite	Algebra II
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	None

COURSE DESCRIPTION

Consumer Math trains students in mathematical applications used in everyday situations. This class includes real-world examples and an emphasis on critical thinking skills to solve problems. Topics include an overview of basic math skills, personal finance, recordkeeping, taxes, insurance, bank services, purchasing/discounts/discounts/mark-ups, travel and transportation costs, and retirement planning. This class will help build solid financial habits that can be carried into adulthood.

PRE-CALCULUS

Course Number	272
Grade Level	10-12
Prerequisite	Passing of placement test; teacher recommendation
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	None

COURSE DESCRIPTION

This course is designed to cover topics in Algebra ranging from polynomial, rational, and exponential functions to conic sections. Trigonometry concepts such as Law of Sines and Cosines will be introduced. Students will then begin analytic geometry and calculus concepts such as limits. This class is important for any student planning to take a college algebra or college pre-calculus class.

Special note: TI-84 Calculator recommended (not required).

AP CALCULUS

Course Number	112
Grade Level	11-12
Prerequisite	A grade of C or higher in pre-calculus
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	\$100 AP Exam Fee

COURSE DESCRIPTION

AP Calculus is a full year high school class preparing students for the AP Exam in May. It is expected that students who take this course will take the AP exam. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed numerically, graphically, analytically, and verbally. We address real-world problems using Calculus. Technology will be used regularly to confirm written work and to assist in interpreting results.

Special Notes: TI-84 or higher graphing calculator required

AP STATISTICS

Course Number	118
Grade Level	11-12
Prerequisite	A grade o 'C' or higher in Precalculus.
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	Math
UC Approval	Yes; Category C
Fees	\$100 AP Exam Fee

COURSE DESCRIPTION

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- Exploring Data: Describing patterns and departures from patterns,
- Sampling and Experimentation: Planning and conducting a study Anticipating Patterns: Exploring random phenomena using probability and simulation,
- Statistical Inference: Estimating population parameters and testing hypotheses.

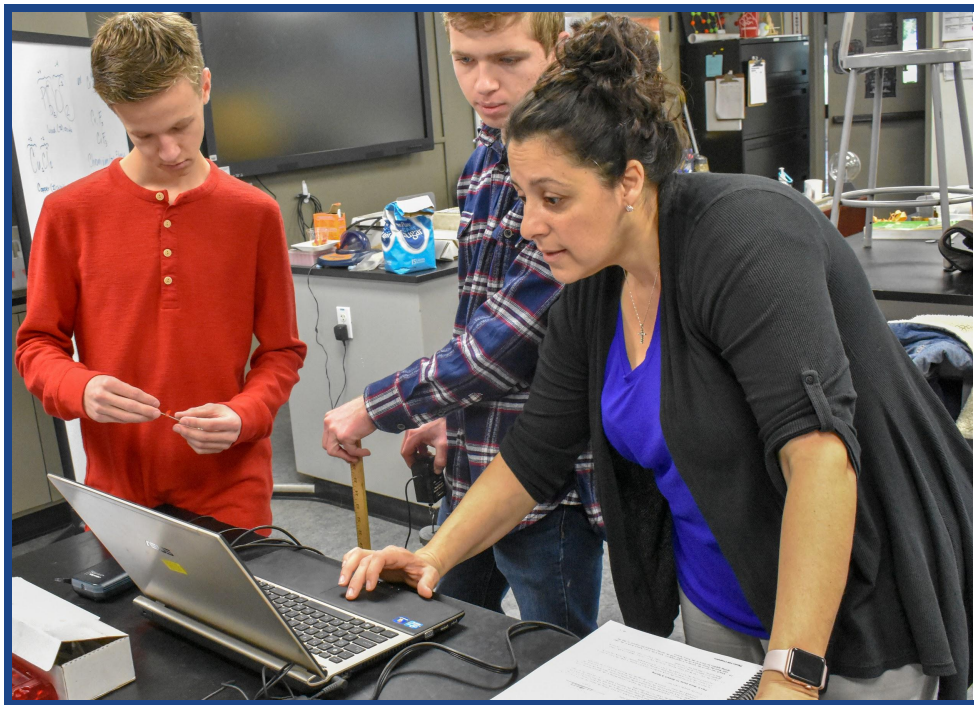
Special Notes: TI-84 Calculator or higher required.



SCIENCE DEPARTMENT

SCIENCE COURSES OFFERED

- Life Science - Grade 7
- Physical Science - Grade 8
- Health
- Biology
- Biology Honors
- CAD: Computer Aided Design
- Chemistry
- Chemistry Honors
- Environmental Science
- Introduction to Engineering
- Physics
- Anatomy & Physiology Honors
- AP Biology
- AP Chemistry
- AP Physics



LIFE SCIENCE - GRADE 7

Course Number	265
Grade Level	7
Pre-Requisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

The study of life provides students with an opportunity to inquire, explore, and admire God's remarkable design. It is my hope that this course will incite in students a passion for scientific discovery, a desire to think creatively, and an overwhelming sense of God's magnificence and love for His creation.

The material covered in this course will provide an introduction to various content areas within the life sciences. Students will explore the world around them and learn to ask and answer questions about how all living things on earth function, and why such living things function in the way that they do. Students will have the opportunity to learn laboratory techniques through inquiry-based discovery and will be encouraged to engage in active learning procedures as a means of reinforcing concepts.

PHYSICAL SCIENCE - GRADE 8

Course Number	261
Grade Level	8
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

Physical Science introduces students to the study of the physical world around them. In this course, we will be studying the structure of matter, beginning with an introduction to chemistry, then touch on the worlds of physics and electricity. We will begin by learning the scientific method and how to safely work with all of the tools and materials in a lab setting. During this course, students will have the opportunity to participate in hands-on lab experiments, learn how to collect and analyze data, and learn how to compile the results of experiments and data collection into a cohesive scientific presentation. Students learn the most when they have direct involvement in the learning experience. Therefore, we will be doing hands-on lab assignments as often as possible. The information in this class will be presented through a variety of different mediums including: the textbook; videos; and interactive computer simulations; along with the hands-on experiments.

HEALTH

Course Number	140
Grade Level	9
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Elective
UC Approval	Yes; Category G
Fees	None

COURSE DESCRIPTION

Health Education teaches the student stewardship of their own body as the temple of God. In this class, students will learn modern Health practices focusing on lifetime wellness and positive health behaviors. Students will learn that their health is influenced by a variety of factors, and that personal behaviors can increase or reduce health risks of illness and injury during their lifespan. An overriding theme of “quality of life” will be present. Topics of study include: technology and social media, sexting/pornography, Biblical study of sex, mental health, advertising/consumerism, nutrition, alcohol, vaping, illegal drugs.

BIOLOGY

Course Number	126
Grade Level	9
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

The study of life provides students with an opportunity to inquire, explore, and admire God's remarkable design. It is my hope that this course will incite in students a passion for scientific discovery, a desire to think creatively, and an overwhelming sense of God's magnificence and love for His creation.

The content covered in this course will provide an overview of the field of biology from a molecular, cellular, organismal, and ecological perspective. Topics will range from genetics to ecology and macromolecular functions to organismal systems. Students will have the opportunity to learn laboratory techniques through inquiry-based discovery and will be encouraged to engage in active learning procedures as a means of reinforcing concepts.

HONORS BIOLOGY

Course Number	195
Grade Level	9
Prerequisite	Grade of C or higher in the previous science course
Application and/or Audition Date	Spring of previous year
Grade Scale	Honors
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

The study of life provides students with an opportunity to inquire, explore, and admire God's remarkable design. It is my hope that this course will incite in students a passion for scientific discovery, a desire to think creatively, and an overwhelming sense of God's magnificence and love for His creation.

This course is designed to prepare students for AP/Dual Credit Biology. The content covered in this course will provide an overview of the field of biology from a molecular, cellular, organismal, and ecological perspective. Topics will range from genetics to ecology and macromolecular functions to organismal systems. Students will have the opportunity to learn laboratory techniques through inquiry-based discovery and will be encouraged to engage in active learning procedures as a means of reinforcing concepts. Students enrolled in this course should expect an increased workload and should be prepared to work accordingly.

CAD: COMPUTER AIDED DESIGN

Course Number	311
Grade Level	9-12
Prerequisite	Completion of Algebra 1
Application and/or Audition Date	None
Grade Scale	CP
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

The Computer Aided Design (CAD) class is designed to introduce students to the basic concepts and skills required of engineers and designers working in a professional CAD environment.

A Computer Aided Design (CAD) is an essential part of the design, engineering, and manufacturing process. Students learn that CAD assists in the creation, modification, and analysis of manufactured products.

Emulating real world work skills, students working in teams create innovative 2D sketches, then transfer those sketches to a computer using 3D CAD modeling software.

These student-created 3D CAD models are then analyzed by the student teams for functionality, durability, and aesthetic qualities. After analysis, changes in design can be made to create the best 3D model possible.

From the final CAD model, CAM (Computer Aided Manufacturing) and CNC (Computer Numerical Control) codes are generated to manufacture a prototype. Students then send their codes to a 3D printer and print a prototype, thus emulating the process used in real world engineering settings.

CHEMISTRY

Course Number	127
Grade Level	10
Prerequisite	A grade of C or higher in Algebra 2 or concurrently enrolled in Algebra 2.
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

During this one year course, students explore the fundamental principles of Chemistry characterizing the properties of matter. Computer-based and traditional laboratory techniques are used to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, acids and bases, and possibly nuclear chemistry.

Special Notes: A lab notebook and scientific calculator are required.

HONORS CHEMISTRY

Course Number	197
Grade Level	10
Prerequisite	A grade of C or higher in a previous science course. A grade of C or higher in Algebra 2 or concurrently enrolled in Algebra 2.
Application and/or Audition Date	Spring of previous year
Grade Scale	Honors
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

During this one year honors course, students explore the fundamental principles of Chemistry characterizing the properties of matter. Computer-based and traditional laboratory techniques are used to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, acids and bases, and possibly nuclear chemistry. An honors project is completed each semester and is 50% of the final exam.

Special Notes: A lab notebook and scientific calculator are required.

ENVIRONMENTAL SCIENCE

Course Number	
Grade Level	11-12
Prerequisite	Completion of Chemistry
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

This project-based course introduces students to the study of the natural world and how it is influenced by people. This course will give students the skills to address environmental issues by examining scientific principles and the application of those principles to natural systems. By applying these principles and considering real-world examples, we examine non-renewable fossil fuels, environmental impact of types of foods consumed, renewable fuels such as wind and solar energy, biodiversity, human population, and waste management systems. The course uses lectures, class activities, readings, discussions, and hands-on labs to create a project-based class.

HONORS ANATOMY & PHYSIOLOGY

Course Number	110
Grade Level	11-12
Prerequisite	Grade of C or better in Biology and permission of the instructor
Application and/or Audition Date	Spring of previous year
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

The study of the human body provides students with an opportunity to inquire, explore, and admire God's remarkable design. It is my hope that this course will incite in students a passion for scientific discovery, a desire to think creatively, and an overwhelming sense of God's magnificence and love for us as His creation.

Anatomy and Physiology is an advanced science course which is designed for motivated students interested in biology, medicine, health sciences, and human body function. The students should be capable of performing in an independent as well as collaborative classroom and laboratory setting. They will be introduced to the eleven body systems through the use of research, lecture, laboratory work, technology, and a variety of activities. The major units of inquiry will include anatomical terminology, histology, and the eleven body systems (each as a unit). Homeostasis, disease, health, and wellness will be incorporated into each unit as appropriate.

INTRODUCTION TO ENGINEERING

<i>Course Number</i>	268
<i>Grade Level</i>	9-12
<i>Prerequisite</i>	None
<i>Application and/or Audition Date</i>	None
<i>Grade Scale</i>	Standard
<i>Credits</i>	10
<i>TCS Graduation Credit</i>	Elective
<i>UC Approval</i>	Yes; Category D
<i>Fees</i>	None

COURSE DESCRIPTION

Introduction to Engineering introduces students to a broad world of engineering and how engineering differs from both science and technology. The world of engineering includes everything from traffic planning to bridge construction to laser development to computer programming to medical care and everything in between. Traditionally, scientists discover new knowledge strictly in the pursuit of new knowledge. From here, engineers take over and turn that new knowledge into useful and usable products for the betterment of society. Technology is the tool engineers use to harness new knowledge and to provide solutions to problems.

In this course, we will examine what it means to be an engineer, how to become an engineer, and what opportunities are available for a career in engineering. When students have completed this course, they will be able to identify different careers in engineering and, if they so desire, will be able to identify how to pursue a career in the engineering field of their choice.

PHYSICS

Course Number	157
Grade Level	11-12
Prerequisite	A grade of C or higher in Algebra 2
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	None

COURSE DESCRIPTION

This is an introductory physics course dealing with a broad range of topics, from the study of motion and energy in the first semester, to thermodynamics and electromagnetism in the second semester. This is a hands-on course that uses demonstrations and lab activities to solidify the concepts taught during lectures.

Special Note: Scientific calculator is required.

AP PHYSICS

Course Number	253
Grade Level	11-12
Prerequisite	A grade of C or higher in Physics. A grade of C or higher in Algebra 2.
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	\$100 AP Exam Fee

COURSE DESCRIPTION

This is a year long course that builds on the foundations from the first year of high school Physics. This is an Algebra based course that prepares students for the AP Exam in May. This course is taught by teacher-student lecture using notes, virtual animations and simulation, and online power points. This course also includes student-student activities: discussion, group work, and labs (30%), and individual student work such as homework (30%). Labs are used to reinforce lecture material and problem solving.

Special Note: A scientific calculator and lab notebook are required. A TI-84 or higher graphing calculator would be helpful.

AP BIOLOGY

Course Number	204
Grade Level	11-12
Prerequisite	Grade of B or higher in Honors Biology and Honors Chemistry or A in Biology and Chemistry and permission of the instructor
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	Dual Credit Fee (\$90/unit) AP Exam Cost (\$100)

COURSE DESCRIPTION

The study of life provides students with an opportunity to inquire, explore, and admire God's remarkable design. It is my hope that this course will incite in students a passion for scientific discovery, a desire to think creatively, and an overwhelming sense of God's magnificence and love for His creation.

This is a fast-paced course focused on the study of general biology: Science as a way of knowing – Scientific methodology and practice, literacy in biological literature and research, study of cells, cell organelles, molecular biology, genetics, systematics, structure and function of plants and animals, reproduction, growth and development, population biology, evolution as a paradigm and ecology. Students enrolled in this course should expect a college level workload and should be prepared to work and study accordingly.

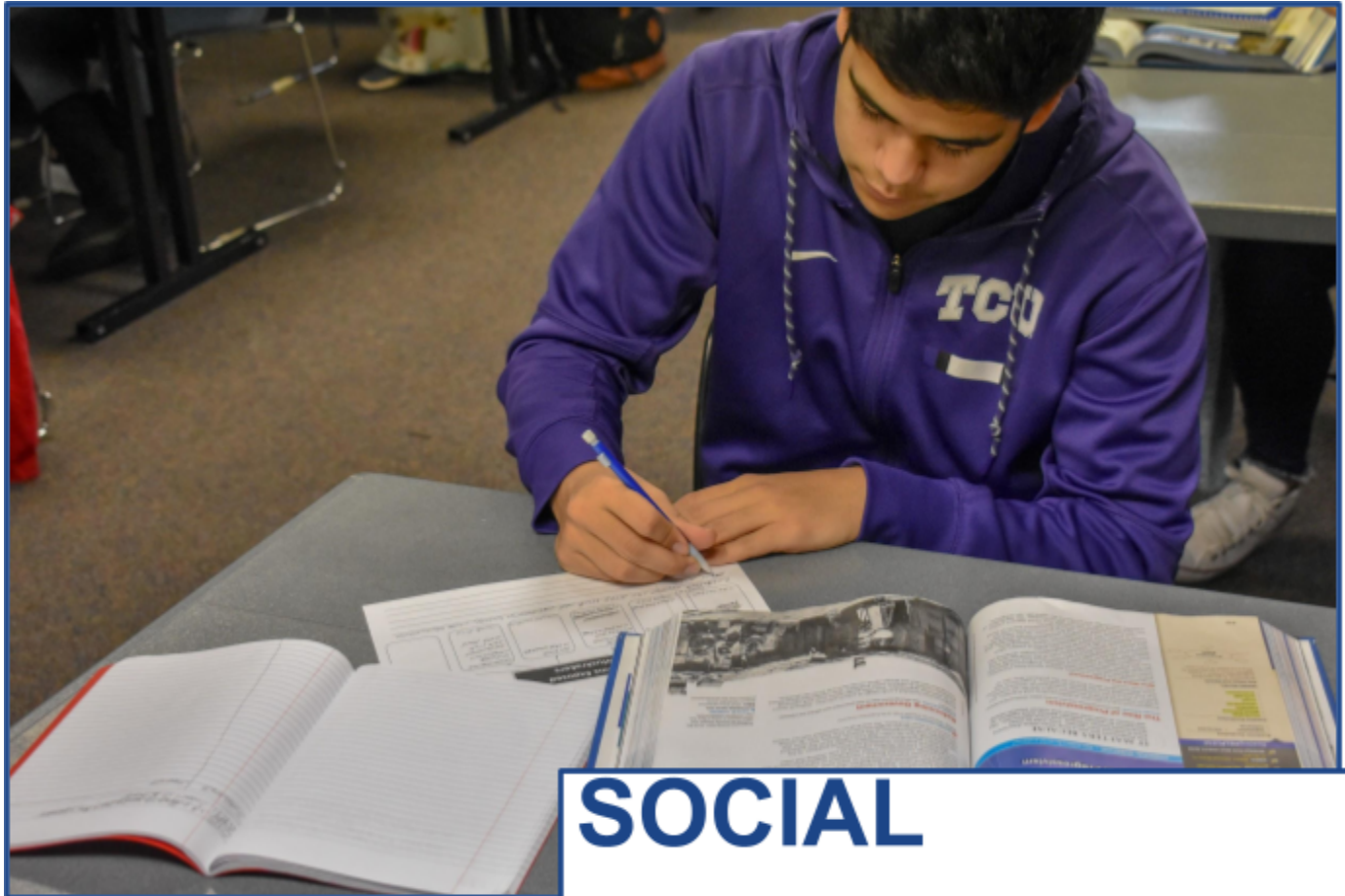
AP CHEMISTRY

Course Number	205
Grade Level	11-12
Prerequisite	A grade of B or higher in Honors Chemistry or a grade of A or higher in Chemistry. A grade of C or higher in Algebra 2.
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	Science
UC Approval	Yes; Category D
Fees	\$100 AP Exam Fee or \$360 Dual Credit Fee

COURSE DESCRIPTION

AP Chemistry is equivalent to a first level college Chemistry class. This course is taught by teacher-student lecture (40%) using notes, virtual animations and simulation, and online power points. Power points that are lecture related are posted on google classroom before we begin a chapter. This course also includes student-student activities: discussion, group work, and labs (30%), and individual student work such as homework (30%). We usually cover each topic by a week of notes followed by a week of activities and labs to reinforce and practice the material.

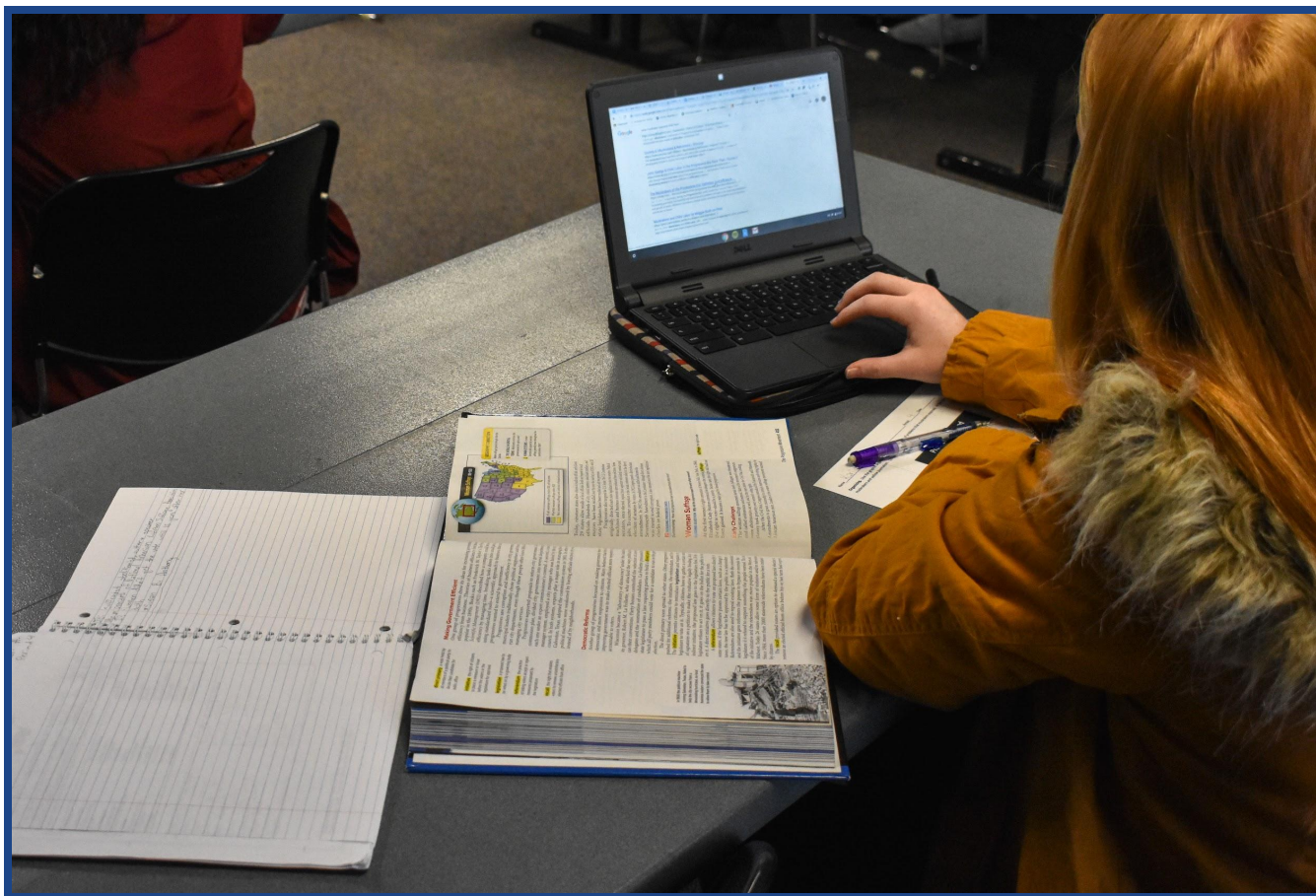
Special Notes: A scientific calculator is required as well as a lab notebook. A TI-84 or higher graphing calculator would be helpful but is not required.



SOCIAL SCIENCES

SOCIAL SCIENCE COURSES OFFERED

- 7th Grade World History
- 8th Grade U.S. History
- World History
- U.S. History
- AP U.S. History
- Government/Economics
- AG Government/Economics



WORLD HISTORY - GRADE 7

Course Number	89
Grade Level	7
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

Seventh Grade World History highlights the social, cultural, and technological changes that occurred in Europe, Africa, Asia, and South America from 1-1500 A.D.. Students are introduced to historical thinking and inquiry skills through the analysis of primary and secondary source documents and research projects. This course is designed to meet the California Social Studies Content Standards for 7th grade.

U.S. HISTORY - GRADE 8

Course Number	93
Grade Level	8
Prerequisite	None
Application and/or Audition Date	None
Grade Scale	Standard
Credits	10
TCS Graduation Credit	None
UC Approval	None
Fees	None

COURSE DESCRIPTION

Eighth Grade United States History begins with a review of European discovery and concludes with the Civil War and reconstruction. A review of exploration, colonization, revolution, and independence is followed by a more detailed examination of the founding of our nation, principles of the United States Constitution, western expansion, social reform movements, the Civil War, and Reconstruction. Skills for thinking, inquiry, and participation in a democratic society are developed. This course is designed to meet the California Social Studies Content Standards for 8th grade.

WORLD HISTORY

Course Number	173
Grade Level	10
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Social Studies
UC Approval	Yes; Category A
Fees	None

COURSE DESCRIPTION

This class is a fast paced study of world history beginning with early civilizations 3000 B.C. and finishing with Contemporary World History from 1970 to present day. By the time this year is over students will have a solid understanding of the foundations and origins of western religious and political development. In addition, students will examine the political, geographical, economical, and social interaction between peoples from around the world and how God had His hand in it all. We will also be practicing skills for successful note taking, reading, and writing.

U.S. HISTORY

Course Number	174
Grade Level	11
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Social Studies
UC Approval	Yes; Category A
Fees	None

COURSE DESCRIPTION

This is an in-depth study of US History beginning with early colonists seeking religious freedom and finishing with the conflicts of terrorism and political divisions that plague our nation today. By the time this year is over students will have a solid understanding of the foundations, origins and political development of the United States. In addition students will examine the political, geographical, economical, and social interaction between the international community and how God has His hand in it all. We will also be practicing skills for successful note taking, reading, and writing.

AP U.S. HISTORY

Course Number	260
Grade Level	11-12
Prerequisite	Grade of B in previous history course. <i>Because of the rigorous writing requirements for this course, a grade of B or higher in English is strongly recommended.</i> **Summer Reading Required
Application and/or Audition Date	Spring of previous year
Grade Scale	AP
Credits	10
TCS Graduation Credit	Social Studies
UC Approval	Yes; Category A
Fees	AP Exam Fee

COURSE DESCRIPTION

This course explores American history while building the analytic skills and content knowledge necessary to deal critically with issues and events in the development of the United States. Commensurate to the rigor of a freshman level college US history course, AP US History prepares students for intermediate and advanced college courses. Through simulations, debate, discussion, and inquiry-based projects, their reliability, and their importance-and to weigh the evidence and interpretations presented in historical scholarship. AP US History also helps students prepare for decision-making beyond the classroom by developing the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in a variety of written formats. Students will be prepared to take the AP exam in May. **Students must take a US History course in order to graduate.**

GOVERNMENT/ECONOMICS

Course Number	Gov't - 212 Econ - 213
Grade Level	12
Prerequisite	None
Application and/or Audition Date	NA
Grade Scale	Standard
Credits	10
TCS Graduation Credit	Social Studies
UC Approval	Yes; Gov't (Category A); Economics (Category G)
Fees	None

COURSE DESCRIPTION

Government & Economics explores the structure, dynamics and processes of the American system of government, providing a comprehensive introduction to the origins and development of ideas and institutions that influence the contemporary political milieu. The course examines the development and composition of the Declaration of Independence, the United States Constitution, the three branches of government, political parties, and interest groups within the framework of the historical, economic and social context. Assessment of student learning occurs through multiple choice exams.

The economics portion of this course explores the fundamental economic question of the behavior of consumers, firms, and markets under the constrictions of scarcity. Topics covered include supply and demand analysis, determination of market prices, profit maximizing output, distribution of income, Gross Domestic Product, and fiscal and monetary policy. Students will also have the opportunity to learn about personal finance through a Dave Ramsey curriculum.

