

Trinity Presbyterian School Guidance Center

Course Description Guide 2008-2009

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Guidance Center

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High School Code 011-914

PHILOSOPHY OF TRINITY SCHOOL

I. Mission Statement

To glorify God by providing for students the highest quality college-preparatory education, training them in the Biblical world and life view, thus enabling them to serve God in spirit, mind, and body.

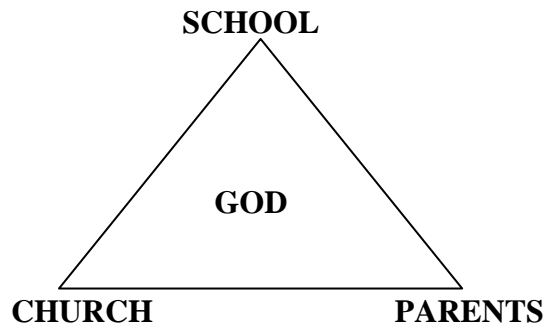
II. Statement of Intent

Trinity intends to implement its mission in the following manner:

- A. To base Christian training on the inerrant Word of God.
- B. To work with home and church in developing each child's unique God-given gifts and talents and to equip students in understanding and implementing the Christian faith.
- C. To provide an educational foundation that will ultimately enable students to achieve success at the college level, recognizing that all learning styles and special needs cannot be met.
- D. To provide a qualified Christian faculty, staff, and Board, each of whom professes and exhibits a personal relationship with Jesus Christ and a calling to ministry with students.
- E. To be good stewards of the resources God has entrusted to us.

III. Parents' Responsibility

In keeping with their God-given responsibilities to rear their children in the nurture and admonition of the Lord, parents are expected to take an active and supportive role in the education of their children.



It is the desire of Trinity Presbyterian School to offer a curriculum that will provide young men and women with the foundation to find success in the most competitive of college environments. The curriculum is strictly college preparatory, offering a variety of choices in all disciplines with the Christian world and life view being integrated into each subject. Each grade level provides for sequential growth and should culminate in a senior year which affords students the challenge to develop to their fullest potential.

Middle School Curriculum

The school year consists of four nine-week grading periods which comprise two semesters. There are seven class periods daily. All students are required to take a course each period of the day.

Note regarding Middle School P.E.: Only those students participating in Cheerleading, Dance, Marching Band or a Sports Team at Trinity will be placed in an Athletic Study Hall. All other students must take P.E.

6th GRADE CURRICULUM

Required:

English
Social Studies
Science
Math
Bible
P.E.
* * * *

Elective: (Choose one of the following year-long electives)

Introduction to Art I
Beginning Band
Choir-Trinity Singers (Auditioned*)
Dance Ensemble I (Auditioned*)

7th GRADE CURRICULUM

Required:

English
Geography
Science (Life Science)
Math (Math 7 or Pre-Algebra) Students taking Pre-Algebra in 7th grade must have at least an “85” average for the year, with no lower than an “85” average for second semester. 7th grade Pre-Algebra students not meeting these criteria will be required to repeat Pre-Algebra in 8th grade.
P.E. Cheerleading, or Dance
* * * *
Old Testament (1 Semester)
Study Skills (9 weeks)
Keyboarding (9 weeks)
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Elective: (Choose one of the following year-long electives)

Art (Design Fundamentals)
Beginning Band
Concert Band
Choir-Trinity Singers (Auditioned*)
Dance Ensemble (Auditioned*)
Science Olympiad/TACT

**Audition is for level placement*

6th Grade Electives

Introduction to Art I (Grade 6)

This interest course is designed to provide students with fundamental instruction on the elements and principles of art using a variety of media in creative studio projects.

Instrumental Music

Beginning Band (Grade 6–8)

The Beginning Band is designed for the student with no prior band instrument experience. Through this class, students will, with Director's help and encouragement, choose an appropriate instrument and learn music theory and performing skills in an environment that will emphasize the development of these skills over performance. Beginning Band is a pre-requisite to participation in all other Band Programs.

Private Instrumental Lessons (Grade 6-12)

Director approval

Workable within regular schedule

Provisions will be made for the student interested in excelling beyond the classroom on his/her instrument. Like the current piano lessons provided, these "Lessons" will be provided by local professional instrumentalists for a nominal fee or by the Band Director at no cost. These will be scheduled once the semester has begun and as the schedule of both the student and Director allows.

Trinity Singers (Grade 6-8)

Audition required

Students will sing a variety of musical selections and will **compete** in two categories of competition: **show choir** competition (sing and dance in a Broadway-Pop-Show style), and district **choral** competition (classical and art music). This class offers the best of both worlds for those interested in choral music. All choral music students will **learn to read** music in simple, practical and fun exercises. Using our talents to **minister** to the community will be a priority of the group as well as performing in concerts here at Trinity.

Dance Ensemble I (Grade 6-8)

Prerequisites: Audition required

Director approval

The Trinity Dance Ensemble is designed to offer the student a ballet-based technique for the serious dancer. This class will expand the student's knowledge of ballet, jazz, modern dance, dance history, stage etiquette, and ballet terminology. Trinity Dance Ensemble is designed for the performer and will prepare these students for the stage as well as dance at the professional or college level. This is a full year course.

7th Grade Electives

Art - Design Fundamentals (Grade 7)

This course is designed to provide students with instruction in the direct application of the elements and principles as well as technical instruction in a variety of media. In addition, students will be introduced to art history as they explore different styles and art forms and will demonstrate their understanding of each in creative studio projects.

Instrumental Music

Beginning Band (Grade 6–8)

The Beginning Band is designed for the student with no prior band instrument experience. Through this class, students will, with Director's help and encouragement, choose an appropriate instrument and learn music theory and performing skills in an environment that will emphasize the development of these skills over performance. Beginning Band is a pre-requisite to participation in all other Band Programs.

Concert Band (Grade 7-8)

Prerequisites: Beginning Band

Director approval

This Concert Band is designed for the student who for various reasons cannot schedule Marching Band, but wishes to continue in the Band program. It provides the instrumental student the opportunity to develop and expand their individual skill level primarily through classroom work. Performance opportunities will primarily come during the spring semester with concerts, competitions and festivals.

Private Instrumental Lessons (Grade 6-12)

Director approval

Workable within regular schedule

Provisions will be made for the student interested in excelling beyond the classroom on his/her instrument. Like the current piano lessons provided, these "Lessons" will be provided by local professional instrumentalists for a nominal fee or by the Band Director at no cost. These will be scheduled once the semester has begun and as the schedule of both the student and Director allows.

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Audition required

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Dance Ensemble (Grade 6-12)

Prerequisites: Audition required

Director approval

The Trinity Dance Ensemble is designed to offer the student a ballet-based technique for the serious dancer. This class will expand the student's knowledge of ballet, jazz, modern dance, dance history, stage etiquette, and ballet terminology. Trinity Dance Ensemble is designed for the performer and will prepare these students for the stage as well as dance at the professional or college level. This is a full year course.

Science Olympiad & TACT (Grade 7-8)

Science Olympiad is an extracurricular national science competition for junior and senior high school students. Students, in teams of up to fifteen, compete in as many events as possible. All three science disciplines are included, Life, Earth and Physical. This course is a 7th and 8th grade course that will allow students to research and prepare for events in the Science Olympiad competition. The events range from building a bottle rocket out of a 2-liter bottle to identifying rocks and minerals. Activities are project-based and provide students with access to science from outside the normal science curriculum. In addition to Science Olympiad, the Trinity Academic Competition Team competes in events such as Scholar's Bowl and Enviro Bowl. Many of these competitions require knowledge of all subject areas. This course is designed to teach and review specific information from a wide range of subjects.

All students in this class must participate in the Science Olympiad competition.

8th GRADE CURRICULUM

Required

English

U.S. History

Earth Science

Math (Pre-Algebra or Algebra I) Students taking Algebra I in 8th grade must have at least an “85” average for the year, with no lower than an “85” average for second semester. 8th grade Algebra I students not meeting these criteria will be required to repeat Algebra I in 9th grade.

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Old Testament (1 Semester)

Public Speaking (1 Semester)

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Language Rotation (1st Semester)

French (6 weeks)

Latin (6 weeks)

Spanish (6 weeks)

Electives I (2nd Semester)

(Choose 1 of the following)

Art – Drawing

Choir-Trinity Singers (*Audition Required*)

Concert Band

Creative Writing

Introduction to Computer Applications

Introduction to Theatre

Science Olympiad/TACT

Elective II (Entire Year)

(Choose 1 of the following)

Performance Band (Marching Band/Symphonic Band)

Cheerleading

Dance Ensemble (*Auditioned**)

P.E.

**Audition is for level placement*

8TH Grade Electives

Art – Drawing

Developing drawing skills using the following media:

Pastel
Graphite
Colored Pencil
Black and White Ink and Markers
Colored Markers
Conte and Charcoal
Crayon

Instrumental Music

Concert Band (Grade 7-8)

Prerequisites: Beginning Band

Director approval

This Concert Band is designed for the student who for various reasons cannot schedule Marching Band, but wishes to continue in the Band program. It provides the instrumental student the opportunity to develop and expand their individual skill level primarily through classroom work. Performance opportunities will primarily come during the spring semester with concerts, competitions and festivals.

Performance Band (Grade 8-12)

Prerequisites: Beginning Band

Director approval

This is a full year course that emphasizes **Marching Band** in the fall and **Symphonic Band** in the spring. The *Marching Band* is one of the most visible performing groups at Trinity. The major responsibility is providing halftime entertainment and support for student & team “spirit” at all football games. In addition, the Band takes pride in competing against other bands at state-wide marching contests, along with performing for various community and civic events. Summer rehearsals, as well as after school rehearsals are mandatory.

Symphonic Band provides instrumental students the opportunity to develop, expand, and push to the limit their individual skill level. This is done through performance at concerts and contests of serious classic and contemporary band literature as well as pop and jazz. Concert Band is primarily a second semester activity.

Private Instrumental Lessons (Grade 6-12)

Director approval

Workable within regular schedule

Provisions will be made for the student interested in excelling beyond the classroom on his/her instrument. Like the current piano lessons provided, these “Lessons” will be provided by local professional instrumentalists for a nominal fee or by the Band Director at no cost. These will be scheduled once the semester has begun and as the schedule of both the student and Director allows.

Trinity Singers (Grade 6-8)

Audition required

Students will sing a variety of musical selections and will **compete** in two categories of competition: **show choir** competition (sing and dance in a Broadway-Pop-Show style), and district **choral** competition (classical and art music). This class offers the best of both worlds for those interested in choral music. All choral music students will **learn to read** music in simple, practical and fun exercises. All students in grades 7-8 enrolled in Singers are eligible to audition for **All State Choir**. Using our talents to **minister** to the community will be a priority of the group as well as performing in concerts here at Trinity.

Introduction to Computer Applications (Grade 8)

This course will give an overview of MS Office, Internet research, and an introduction to graphics and digital media.

Creative Writing (Grade 8)

This is an introductory class to teach beginning skills in creative writing.

Dance Ensemble (Grade 6-12)

Prerequisites: Audition required

Director approval

The Trinity Dance Ensemble is designed to offer the student a ballet-based technique for the serious dancer. This class will expand the student's knowledge of ballet, jazz, modern dance, dance history, stage etiquette, and ballet terminology. Trinity Dance Ensemble is designed for the performer and will prepare these students for the stage as well as dance at the professional or college level. This is a full year course.

Introduction to Theatre (Grade 8)

This is an introduction class to the fundamental skills of acting. Students will gain knowledge in the following areas of theatre: stage movement; improvisation; memorization; voice and presentation skills; and monologue presentations. Students will gain confidence while sharpening their skills in the area of theatrical performance.

Science Olympiad & TACT (Grade 7-8)

Science Olympiad is an extracurricular national science competition for junior and senior high school students. Students, in teams of up to fifteen, compete in as many events as possible. All three science disciplines are included, Life, Earth and Physical. This course is a 7th and 8th grade course that will allow students to research and prepare for events in the Science Olympiad competition. The events range from building a bottle rocket out of a 2-liter bottle to identifying rocks and minerals. Activities are project-based and provide students with access to science from outside the normal science curriculum. In addition to Science Olympiad, the Trinity Academic Competition Team competes in events such as Scholar's Bowl and Enviro Bowl. Many of these competitions require knowledge of all subject areas. This course is designed to teach and review specific information from a wide range of subjects.

All students in this class must participate in the Science Olympiad competition.

Senior High Curriculum

The school year is made up of four nine-week grading periods: two semesters of two nine-weeks per semester. There are 7 periods daily. All students must take classes during all 7 periods of the school day during both semesters, with the exception of 12th graders, who must take classes during all 7 periods of the school day during the first semester and at least 6 periods of the school day during the second semester.

A year-long course completed with a 64 average or better earns 1 unit of credit; one semester yields 1/2 credit. Students must earn a minimum of 7 credits per year, except 12th graders, who must earn at least 6 1/2 credits. Students who fail **more than 2 semester courses** will not be allowed to remain at Trinity.

Beginning with ninth grade, a cumulative grade point average of at least a 2.5 must be maintained to remain at Trinity. A ninth grader may conditionally enroll in the tenth grade (unless he has already used a probationary period) and has until the end of that year to achieve a cumulative GPA of 2.5. Should the student not have a 2.5 GPA at the end of that conditional year, the student will not be allowed to return to Trinity. No student may enter the junior or senior year with a cumulative GPA lower than 2.5. **A senior who does not have a 2.5 cumulative GPA at graduation time will receive a diploma, but will not be allowed to participate in graduation ceremonies.** The cumulative GPA is calculated using the semester grades for all courses taken in 9th -12th grade.

CALCULATING G.P.A.. FOR TRANSFER STUDENTS: All transfer grades for students entering Trinity (grades 9-12) will be recorded using Trinity course weights. Units of credit will be recorded as awarded by the previous school(s), using their grading scale.

College Preparatory Diploma

27 1/2 units of credit must be earned to meet the College Preparatory curriculum requirements for graduation. All students must take classes during all 7 periods of the school day during both semesters, with the exception of 12th graders, who must take classes during all 7 periods of the school day during the first semester and at least 6 periods of the school day during the second semester. The following requirements, established by the State Department of Education and Trinity School, represent the minimum for all students for graduation from Trinity.

6 units Electives (additional)

4 units English

4 units Social Studies (must include World History I, World History II, U.S. History, Government, & Economics)

4 units Mathematics (must include Advanced Algebra/ Trigonometry)

4 units Science (must include Physical Science and Biology)

2 units Christian Studies (1/2 unit earned each year while attending Trinity)

2 units Foreign Language (the same language)

1 unit Physical Education/Health (1/2 each)

1/2 unit Humanities * AP European History can fulfill requirement

All 9th grade students will take PE/Health before completion of the 9th grade. P.E. credit may be earned through participation in P.E. class, band, athletics, or cheerleading for students in grades 9-12.

TPS Grading Scale

Trinity Presbyterian School's grading scale is as follows:

Letter Equivalency	Numerical Grade	Quality Points	Honors Quality Points	AP Quality Points
A	90-100	4	4.5	5
B	80-89	3	3.5	4
C	70-79	2	2.5	3
D	64-69	1	1.5	2
F	0-63	0	0	0

* Semester numerical averages cannot be above 100 points.

Guidance Center personnel will assist in the course selection process; however, with over 3200 colleges and universities in the United States alone, it is imperative that the individual student be responsible for knowing the most current entrance requirements for the college of his choice and to select courses accordingly.

Advanced Placement Courses

Advanced Placement courses are college-level courses designed for the student who works well with challenge and who has an excellent attendance record. Because many colleges will give credit for the successful completion of an AP course based on a student's score on the AP exam administered in May, students are strongly encouraged to take the AP exam. (Students are not allowed to exempt the first semester exam in any AP class.) **Parents and students should understand that all AP courses are year-long courses. Students who choose to enroll in an AP course will not be allowed to drop the course after the 3RD full week of school.**

Prerequisites for all Advanced Placement courses:

- o *Students who take the AP exam are responsible to pay all exam costs*
- o *Students must purchase textbooks and/or other supplies*
- o *Excellent record of school attendance*
- o ***A or B average in core courses***
- o *Teacher and administration approval*
- o ***Students and parents must sign a contract stating their understanding and acceptance of the policy that a student may not drop an AP course after the 3RD full week of school***

**Refer to the individual AP course descriptions that follow for other specific course prerequisites*

Course Descriptions

Biblical Studies

Each student is required to have his/her own Bible for use in Christian Studies classes.

The Biblical Studies curriculum for the Upper School attempts to answer four progressive questions that students need to consider before graduating from Trinity: Who is Jesus? What does it mean to be a Christian? Do I believe in Christ and Christianity? What is the meaning and purpose of life?

Biblical Studies (9) Who Is Jesus?

Students will use the gospels of Matthew, Mark, Luke, and John to gain a biblical understanding of who Jesus is. The answer to this question is foundational to all of Christian faith.

Biblical Studies (10) What Does It Mean To Be A Christian?

Once students have a biblical understanding of who Jesus is, it only makes sense that they then explore the religion that Jesus and His disciples established. For this reason, tenth grade students study the Acts of the Apostles to gain a biblical understanding of what it means to be a Christian, a disciple of Christ.

Biblical Studies (11) Do I Believe In Christ And Christianity?

In the eleventh grade course, students will be challenged to bring their own beliefs into conformity with biblical orthodoxy. In addition, they will consider the wide range of challenges to Christian faith as well as biblical responses to those challenges.

Biblical Studies (12) What Is The Meaning And Purpose Of Life?

In preparation for the seniors' departure to college, the twelfth grade course asks students to consider what life is all about. This course uses the Ten Commandments as a foundation to ethical issues within our world. The objective is to challenge students to realize that wisdom as a Christian is the only way to have a life of purpose and biblical fulfillment.

English

English 9

This course involves the study of grammar, vocabulary, spelling, and literature. Appropriate memory work is assigned throughout the year, and six novels/plays are studied corporately and independently. Writing assignments are principally literary response and analysis.

English 10

This course continues the grammar study begun in the ninth grade course with emphasis placed on applying grammatical principles to writing. Vocabulary, spelling, literature, advanced expository writing, memory work, and six novels/plays for outside reading comprise the remainder of the course.

English 11

This course concerns the study of American literature and the rhetorical principles of effective writing. Vocabulary, spelling, outside reading, and memory work assignments continue with new emphasis on ACT/SAT test preparation. A research paper is a major semester project.

English 12

This course undertakes the study of British literature. Composition assignments are frequent, and a research paper is a major semester project. Vocabulary, outside reading, memory work, and Senior Memory Book chapters are regularly assigned. English 12 is a demanding course, designed to prepare the students fully for college freshman English.

Advanced Placement English Literature and Composition (12)

Prerequisites: See general prerequisites on p. 9

90th percentile and above on verbal or writing PSAT, and an "A" both semesters in 11th grade English

This course is designed for students who are capable of doing college-level work in English while they are in secondary school, and who are willing to devote the energy necessary to complete a course more rigorous and demanding than other high school English courses designed for the college-bound student. This course emphasizes critical analysis and evaluation of literature and writing appropriately for different occasions. The student's writing assignments will reinforce his/her reading assignments. Because of the heavy reading requirements for AP English, the AP student can expect to have up to 1 1/2 hours of homework every night, to have reading assignments during school vacations, and to buy up to twenty paperback books during the course of the year. Although the reading and composition requirements for AP English are challenging, the course offers a stimulating experience for the highly motivated and academically talented student.

Foreign Language

Only forty-four spaces are available in any 1st year foreign language course.

French I (9-12)

This course introduces the student to French language and culture; it develops elementary proficiency in listening comprehension, speaking, reading, and writing. The course work includes grammatical structures, vocabulary, basic conversational idioms, and a study of French customs, everyday life, and civilization.

French II (10-12)

Prerequisite: Student must have completed French I

French II provides a more in-depth study of grammar, conversation, culture, and reading. Students read a novel by a major French author as an introduction to French literature.

French III

Prerequisite: Student must have completed French II

French III involves a further study of grammar, reading, writing, and conversation, and a study of the major regions of France and some French-speaking countries. Second semester the students read a short novel in French.

French IV

Prerequisite: Student must have completed French III

This course includes a study of advanced French grammar, a chronological survey of French history, readings in French literature (at least two major works), more variety in types of writing, and conversation.

French V

Prerequisite: Student must have completed French IV

French V is an in-depth study of composition, conversation, and literature in preparation for the AP French language exam. Conversation and composition focus on current events in France. This course is available only for students who transfer from a school on a different track.

Latin I (9-12)

Latin I is a study of the fundamentals of Latin grammar and syntax with emphasis placed on developing translation skills. Selected topics pertaining to Roman civilization are discussed.

Latin II (10-12)

Prerequisite: The student must have completed Latin I

Latin II provides a review of grammar along with selected readings from Greco-Roman mythology and the Latin Vulgate. Students are given the opportunity to improve translation skills through reading extended passages of a variety of authors.

Latin III

Prerequisite: The student must have completed Latin II

Selected readings from various prominent authors of Latin stories, myths, and fables comprise the foundation of this course. Emphasis is placed on reading comprehension.

Latin IV

Prerequisite: The student must have completed Latin III

This course provides a study of Latin prose and poetry during the Augustan Era. Emphasis is placed on the works of Horace, Catullus, and the contributions of Roman civilization.

Spanish I (9-12)

Spanish I builds a foundation for communication by learning vocabulary and grammar by developing skills in speaking, listening, reading, and writing. As an integral part of this language study, Hispanic culture and customs will be discussed.

Spanish II (10-12)

This course offers a more in-depth study of grammar, reading, writing, and culture. The course includes various aspects of Spanish and Latin American culture.

Spanish III

Spanish III provides a review of all fundamentals of Spanish I and II and emphasizes mastery of the language. This course offers a continued study of grammar, speaking, reading, and writing. The study of culture is woven into the different aspects of the course.

Spanish IV

Spanish IV includes a study of advanced Spanish grammar and stresses vocabulary building, speaking, and writing. The Spanish literature read and discussed will include short stories from various Hispanic countries.

Spanish V

Prerequisite: The student must have completed Spanish IV

This course prepares the student for the AP Spanish language exam. An in-depth study of literature and composition in Spanish is provided. This course is available only for students who transfer from a school on a different track.

Health and Physical Education

Health Education (9) (one semester)

Health Education is a one-semester course designed to provide the student with sound health instruction relating to all aspects of our individual health – physical, mental, emotional, social and spiritual. Each of the major topics covered are approached from a Christian perspective with hopes that the student will make “healthy” choices for life based upon Christian values. Those topics covered generally include CPR/first aid training, fitness, nutrition, weight control, drugs of abuse, addictions, and sexual purity focusing on abstinence education.

Physical Education (one semester)

Physical Education is a course designed to aid the student in meeting the physical, emotional, and social demands of living. This is achieved through the selection of and guidance in those physical activities directed toward the total fitness of the individual. This program is carried out with particular emphasis on participation and attainment of knowledge in a variety of activities including individual and team sports and fitness activities. Emphasis is placed on various ways of maintaining personal physical fitness at various levels and under varying circumstances.

Humanities

Humanities (11 – 12) (one semester)

This course is a study of the integrated humanities of western civilization. The disciplines of art, architecture, music, literature, and philosophy are emphasized along with the aspects of what people believe in, stand for, and value.

Humanities II (11-12) (one semester)

A student may take humanities for a second time as an elective as long as the teacher and/or focus of the content is different from the first time the student takes the course.

- AP European History may be substituted to fulfill the Humanities requirement. Refer to course descriptions for AP European History (12) and Government (11).

Mathematics

Trinity requires all students to take four years of math beginning in the ninth grade. Students must complete Algebra I by the end of the 9th grade.

To ensure the most appropriate math selection, the following sequences are recommended.

For students who have proven abilities in mathematics:

8th – Algebra I
9th – Geometry
10th – Alg. II/Trig.
11th – Pre-Calculus
12th – Calculus
or AP Calculus

Good math students who did not take Algebra until the 9th Grade:

9th – Algebra I
10th – Geometry
11th – Alg. II/Trig.
12th – Pre-Calculus

For students who sometimes have difficulties in math:

9th – Algebra I
10th – Geometry
11th – Algebra II
12th – Advanced Algebra/Trig.

Algebra I

Algebra I is the basic preparatory math course for college-bound students. The course emphasizes the real number system, polynomials, factoring, algebraic fractions, linear equations and systems of linear equations, and solving inequalities. The process of problem solving is stressed throughout the course. Because Algebra I is the foundation for all higher mathematics courses, students taking Algebra I in 8th grade must have at least an “85” average for the year, with no lower than an “85” average for second semester. 8th grade students not meeting these criteria will be required to repeat Algebra I in 9th grade.

Geometry

Prerequisite: The student must have completed Algebra I.

Geometry is a study of Euclidean geometry, which emphasizes logical deductive reasoning skills. Major topics include lines, planes, triangles, polygons, and circles. Geometric constructions with a compass and straight-edge are studied, along with area and volume.

Algebra II

Prerequisites: The student must have completed Algebra I and Geometry.

Teacher approval

Algebra II has the same algebra content as Algebra II/Trigonometry, but trigonometry is not introduced. This course is designed for the student who needs more in-depth practice with algebraic skills.

Algebra II/Trigonometry

Prerequisites: The student must have completed Algebra I, with a grade of A or B, and Geometry.

Teacher approval

Algebra II is an extension of the concepts and topics covered in Algebra I. Additional topics covered include complex numbers, relations, functions, quadratic functions, logarithms, and trigonometry.

Advanced Algebra/Trigonometry

Prerequisites: The student must have completed Algebra II.

Teacher approval

This course is designed to continue the study of mathematics for those students who have completed Algebra II. The first semester is a more advanced study of the algebraic skills and concepts taught in Algebra II. Topics include equations and inequalities, functions, exponents, and logarithms. Trigonometry is introduced and studied in depth second semester along with systems of equations, matrices, sequences, and probability.

Pre-Calculus

Prerequisites: The student must have completed Alg.II/Trigonometry with a grade of A or B.

Teacher approval

Pre-Calculus is designed to prepare the 11th or 12th grade student for Calculus. Topics include analytic geometry, functions, polynomial equations, introductory calculus, trigonometry, and exponential and logarithmic functions. Each student is required to purchase a graphing calculator as specified by the teacher.

Honors Calculus

Prerequisites: The student must have completed Pre-Calculus.

Teacher approval

This course is for students who want an introduction to Calculus but do not feel that AP Calculus would be beneficial to their studies now or in the future. Students will cover basic Calculus topics such as limits, differentiation, and integration with business-based applications.

Advanced Placement Calculus

Prerequisites: See general prerequisites on p. 9

The student must have completed Pre-Calculus with a grade of A or B.

70th percentile or higher on Math section of the PSAT is recommended.

AP Calculus is a college level course covering limits, differentiation, integration, inverse functions, and applications of differentiation and integration. The student should be highly motivated, and must own a graphing calculator as specified by the teacher. This class is designed to be academically challenging, to prepare the student for college course work, and it is tailored for the students interested in medicine, engineering, or pharmaceuticals.

Science

To ensure the most appropriate science selection, the following sequences are recommended.

For those students who intend to pursue a science career and have proven abilities in science and mathematics:

- 9th – Physical Science
- 10th – Honors Biology
- 11th – Honors Chemistry (and AP Biology if schedule allows)
- 12th – AP Chemistry, Physics, AP Environmental, AP Biology – choose 1 (or 2 if schedule allows)

For good science and mathematics students:

- 9th – Physical Science
- 10th – Honors Biology
- 11th – Honors Chemistry or College Prep. Chemistry
- 12th – Physics, Honors Human Anatomy & Physiology, (choose at least 1)

For students who sometimes have difficulties in science and mathematics:

- 9th – Physical Science
- 10th – College Prep. Biology
- 11th – College Prep. Chemistry
- 12th – Choose 1: Physics (if stronger in math) or Environmental (if weaker in math)

Physical Science (9)

This course is designed to introduce students to concepts that will be covered in greater depth in later science courses. Emphasis is placed on matter, mechanics, heat, energy, light, magnetism, electricity, and chemistry. The course is divided into one semester of introductory physics and one semester of introductory chemistry. Laboratory experiences are provided for the reinforcement of concepts and for enrichment.

College Prep. Biology (10)

This is an introductory level biology course designed to assist students in understanding the world around them. The emphasis during the first semester is primarily on biochemistry and cell biology, focusing on cell processes such as photosynthesis, respiration, reproduction, and genetics. Second semester work includes a survey of living organisms – beginning with viruses and bacteria, followed by protozoa, plants, and animals. Appropriate labs are assigned to reinforce many of these topics, including dissections of both invertebrates and vertebrates.

Honors Biology (10)

Prerequisites: Successful completion of physical science with minimum grade of 80%. This course may be taken in the 9th grade with 99% composite on ITBS. Honors Biology is a prerequisite for AP Biology.

Honors Biology is a fast-paced, more in-depth study of the topics covered in Biology. Honors Biology students are eligible to take AP Biology in the 11th or 12th grade.

College Prep. Chemistry (11-12)

Prerequisite: The student should be taking or already have taken Algebra II.

An introduction to the periodic table, elements, compounds, atomic structure, chemical bonding, molecular geometry, solutions, and acids and bases. There is a heavy emphasis on the math involved in chemistry. This includes unit conversions, mole concept problems (including stoichiometry) gas laws, concentration of solutions, and pH calculations. Frequent labs will be performed to familiarize the student with basic laboratory techniques.

Honors Chemistry (10-12)

Prerequisite: 70% or higher on math portion of PLAN or teacher recommendation.

Honors Chemistry is a first year chemistry course for the highly motivated student who has excellent problem-solving abilities. This course will cover the same concepts as regular Chemistry, but will cover them in more depth. Also, students will perform more laboratory experiments. Honors Chemistry is a very challenging course. A solid math background is imperative, along with the ability to understand concepts quickly.

Advanced Placement Chemistry (11-12)

Prerequisites: See general prerequisites on p. 9

The student should be concurrently enrolled in Pre-Calculus, AP Calculus, or Calculus.

80% minimum average each semester in Honors Chemistry

Advanced Placement Chemistry is a second year chemistry course and is a more in-depth study of general college chemistry. New concepts include chemical kinetics, chemical equilibrium, acids, bases, buffers, thermodynamics, electrochemistry, and organic chemistry. Extensive lab work is required. This course is recommended for students planning to enter pre-med, pre-vet, or engineering fields in college.

Honors Human Anatomy and Physiology (11-12)

This course involves an in-depth study of the human body in relation to its functions. A college textbook is used in this course. It covers cells, tissues, the integumentary system, skeletal and muscular systems, nervous system and special senses, circulatory, respiratory, digestive, excretory, endocrine, and reproductive systems. An intense study of the fetal pig is conducted the last week of school.

Physics (11-12)

It is highly recommended that the student have had Alg. II/

Trig and Chemistry

Physics is a study of the theory and mathematics of mechanics, light, sound, heat, and electricity. Frequent laboratory experiments are performed to reinforce theories and to practice collecting data and performing calculations.

Advanced Placement Biology (11-12)

Prerequisites: See general prerequisites on p. 9

80% minimum average each semester in Honors Biology

The student must be taking or have taken Honors Chemistry

AP Biology is a college level biology course. A college level text is used. The following topics are covered: cell structure and function, photosynthesis, respiration, genetics, human anatomy and physiology, botany, zoology, ecology, and evolution with a Christian perspective. A wide variety of labs will be performed. It is important that the students learn how to collect, analyze and interpret data. This course provides excellent preparation and experience for college Biology courses and is well worth the time and effort.

Environmental Science (12)

Environmental Science will provide the students with the scientific concepts and methodologies needed to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, and to evaluate the risks associated with these problems and examine the alternative solutions for resolving/preventing them. The student should be a motivated and independent learner. Because of the nature of this course and the required field study, it is imperative that the student demonstrate responsible and mature conduct.

Social Studies

World History I (9)

The scope of this course is pre-history to the Age of Exploration. This is a study of ancient civilizations, medieval societies, and their impact on later cultures, both eastern and western. The study of the Renaissance and the Reformation, coupled with the era leading to the Age of Exploration, brings the student to the dawn of the Modern Age.

World History II (10)

This course provides the student with a study of modern societies beginning with the Age of Exploration and ending with recent history. The course includes study of both eastern and western cultures. Emphasis will be placed on the political, religious, aesthetic, intellectual, social, and economic developments that produced today's world.

U. S. History (11)

This is a survey course that provides the student with a chronological history of the United States, from post Civil War (1877) to the present. The course includes a thorough coverage of the formation and development of our nation's values and its social, political, and economic institutions.

Advanced Placement U. S. History (11)

Prerequisites: See general prerequisites on p. 9

The Advanced Placement program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and material in United States history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by a full-year introductory college course. This course requires the student to maintain a challenging reading schedule, take notes, and perform well on tests in essay format.

Government (11) (one semester)

Prerequisites: The student must take AP US History concurrently with this course and have an A/B average

This course is offered to students in their junior year who are interested in completing a program in Advanced Placement History. Refer to information on Government (12) for a description of this course.

Economics (12) (one semester)

This course will give students an understanding of the fundamental principles of economics and how it relates to life. The basic knowledge gained from this course will help students make intelligent decisions as consumers and citizens. An understanding of economic functions will help when making decisions about earning, saving, investing, or spending money and interpreting political candidates' positions on economic issues. Students will become familiar with determination of prices and wages, labor unions and collective bargaining, money and banking, unemployment and inflation, business in the American economy, and the effect of world trade and finance on our economy.

Government (12) (one semester)

This course is designed to help students gain an understanding of how the political system works, the impact of the political system on their lives, and how Americans become participants in their political system. The course will focus on the following interrelated content areas: the history and framework of our government, the relationship of citizens to the political system, the institutions of the government, and the formulation of public policy.

Advanced Placement European History (10-12)

Prerequisites: See general prerequisites on p. 9

This course is a survey of the development of western civilization from the Renaissance to the present. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by a full-year college course. In addition to providing a basic narrative of events and movements, the goals of the Advanced Placement Program in European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and to express historical understanding in writing. This course requires the student to maintain a challenging reading schedule, take notes, and perform well on tests in essay format.

10th Grade Students will need Administrative approval to be admitted to this course. The decision will be based on scores and teacher recommendation.

* This course fulfills the Humanities requirement for graduation.

** This course fulfills World History II requirements for graduation if taken as a sophomore.

***Scheduling priority is given to 11th and 12th grade students.

Advanced Placement History of Art (10-12)

Prerequisites: See general prerequisites on p. 9

This two semester course, offered at the Montgomery Museum of Fine Art, is designed to introduce high school juniors and seniors to the understanding and enjoyment of works of art in historical context. Students are prepared for the Advanced Placement History of Art Exam offered in May by the *College Board*, which awards college credit for the course. Application and other information available from the Guidance Office.

General Electives

Art

Drawing/Painting (1 Semester each)

Drawing Semester:

Developing drawing skills using the following media:

Pastel
Graphite
Colored Pencil
Black and White Ink and Markers
Colored Markers
Conte and Charcoal
Crayon

Painting Semester:

Developing painting skills using the following media:

Acrylic
Watercolor Gouche
Fresco
Encaustic
Batik
Oil

Sculpture/Mixed Media (2 Semesters)

Prerequisite: Drawing and Painting

Sculpture Semester:

Developing sculpture skills using the following media:

Clay
In the round additive
Bas Relief
High Relief
In the Round Reductive
Construction/ Assemblage
Kinetic/Mobile

Mixed Media Semester:

Drawing – 2D
Painting-3D
Graphic Design 2D
Photography 2D
Printmaking
Collage 2D or Bas Relief

Portfolio/Scenic/Prop Production and Painting

Recommendation Required

Portfolio

This course will focus on assembling works completed and creating fresh works using specific mediums and techniques that reflect focus, exploration and experimentation within the following areas:

Understanding the role of the arts in people's lives: Historical, Cultural and Social Contexts

Communication Through the Arts: Personal Expression and Production

Responding to the Arts: Art Criticism

Valuing Arts: Nature and Meaning of Art

Scenic/Prop Production and Painting

This semester students will learn basic theatrical design and production along with studio hands on experience creating scenes and props for the annual school play.

Advanced Art : (2 semesters)

Recommendation required

This course is for the student who:

- 1) aspires to enroll in an art program at the college level and pursue art in some form as a career. This course will provide the student with an opportunity to prepare a portfolio tailored to his specific college requirements for admission and scholarship.
- 2) desires to become literate in an art form and wants to be part of a forum to engage ideas, concepts and processes found in professions such as law, medicine, government, construction etc.

This course requires participation in the Alabama State Council on the Arts Visual Achievement Program. It consists of creating a portfolio with the following ten required pieces of artwork:

1. Abstract: open medium/media and format
2. Landscape: painting in acrylic, oil, watercolor or gouache
3. Self-portrait: must be interpretive or express a message
4. Still-life: observational drawing in mixed media
5. Triptych: a series of three in dry medium, ex: graphite charcoal, conte, etc.
6. Five piece thematic body of work: open theme and medium/media (may include photographic and digital work), must have reflective statement

In addition, students will read assigned articles relating to art and culture from a Christian Perspective. Francis Shaeffer's work, Eleven Principles On Art, will be the primary focus with current supplemental material.

AP STUDIO ART : (2 semesters)

Recommendation required

AP studio art is for the student who is seriously interested in the practical experience of art. Goals for the AP student are:

1. Encourage creative as well as systematic investigation of formal and conceptual issues.
2. Emphasize making art as an ongoing process that involves the student in informed and critical decision-making.
3. Develop technical skills and familiarize students with the functions of the visual elements.
4. Encourage students to become independent thinkers who will contribute inventively and critically to their culture through the making of art.

The student can choose from three different portfolios: drawing, 2D or 3D. The portfolios share a three section structure which requires the student to show a fundamental competence and range of understanding in visual concerns and methods. These sections are quality, concentration and breadth. Each portfolio asks the student to demonstrate a depth of investigation and process of discovery through the concentration section. In the breadth section, the student is asked to demonstrate a serious grounding in visual principles and material techniques. The quality section permits the student to select the works that best exhibit a synthesis of form, technique and content.

All three sections are required and carry equal weight, but students are not expected to perform at the same level in each section to receive a qualifying grade for advanced placement. The works submitted may have been produced in art classes or on the student's own time and may cover a period of time longer than a single school year.

AP students submit portfolios for evaluation at the end of the school year for a cost charged to the student's account. Credit, advanced placement or both are awarded by the college or university, not the College Board or the AP Program.

Athletics

Athletics

Athletics is an extracurricular sports program. It is based on organized, interscholastic competition. Any male or female student may participate as long as he/she meets the eligibility requirements of the Alabama High School Athletic Association, of which Trinity is a member, and meets individual team standards required in each particular sport. **The Athletics elective includes all competitive, interscholastic teams, as well as Cheerleading and Dance Team.** Team tryouts are held in most sports. Students on an extracurricular school-sanctioned team receive 1/2 unit of physical education credit during the semester of participation.

Driver Education

Driver Education (9) (one semester)

Prerequisite: The student must be at least 15 years old within the semester of enrollment.

Driver Education is a thirty-hour elective course. The thirty hours of classroom instruction include a study of the Highway Transportation System, responsibilities of drivers, traffic laws, safe driving practices, car controls, relationship between drugs and driving, and car insurance. Laboratory instruction is also a vital part of the program. Emphasis is placed on the development of perceptual recognition of the driving situation; coordination of the hands, eyes and feet; and the development of a positive attitude toward the operation of a vehicle. Each student receives a minimum of three hours of supervised, behind-the-wheel instruction. When the supervised, behind-the-wheel instruction for the students is scheduled, the students will be placed in a physical education class for the specific purpose of accountability and supervision. **There is a \$275.00 fee for this course.** Students who do not take the course during the 9th grade year may take it during the summer, however Trinity does not give credit for the summer course.

Financial Management

Financial Management (11-12) (one semester)

The course is designed to teach basic accounting principles for a sole proprietorship and to learn how to manage personal finances using the Dave Ramsey series for high school students.

Journalism

Journalism (9-12)

This course is for students interested in working on the school newspaper, *The Trinity Tribune*. The course will be an intensive course that will improve students' writing ability. Students in journalism will study units on journalism law and history, news reporting, editing, sports and feature writing, page design, and advertising. Limited photography is also covered in this course.

Speech Communications

Speech Communications (11-12)

This course focuses on communication and the many dynamics affecting both the speaker and the listener. Speech Communications is designed to develop and strengthen articulation, self-confidence, research and organizational skills, as well as creativity in students. Language development in children, oral interpretation, play production, group discussion, and the media are some of the areas that are covered. *Speech Communications is a project-oriented course*, and students are required to research various topics for oral presentations both individually and by groups. **Participation in the spring musical is a requirement and requires an additional costume rental fee.** This participation may be in areas other than actual performance.

Forensics (Forensics & Debate) (9-12)

This course is designed to help a student understand the process of communications, debate, and other aspects of competitive forensics. *Forensics is an academic and performance-oriented course* designed to enable students to be able to think logically and critically about current events and issues, express themselves through original works, interpret poetry and literature, and enhance their ability to research individually and in groups. As skills are developed, more experienced students will be able to aid other students in the disciplines of speech and debate.

Being part of the class requires being part of the Forensic Competition Team. There will be fees associated with the Forensics competitions.

Forensic Competition Team (9-12)

All students in the Forensics (Forensics & Debate) class are automatically members of the Forensics team.

However, it is possible for a student to compete on the Forensics team without being in the Forensics class. Students will attend a predetermined number of competitions in their chosen area of competition, with the opportunity to become a National Forensics League member. **If taken apart from the classroom setting, there will be extra-curricular research and preparation.**

(TACT) Academic Competition

TACT - Trinity Academic Competition Team (6-12)

Prerequisite: Teacher approval

This course is for the highly competitive and highly motivated student. The purpose of this course is to better prepare students for academic competition. Trinity participates in the following competitions: Scholar's Bowl, Enviro Bowl and Science Olympiad. Students try out for the individual competitions. Since several of the competitions require a good general background of all subject areas, the course is designed to teach and review specific topics such as art and music appreciation, geography (map skills), American and world history, literature, current events, and science. This course is the "finishing touch" for Trinity's best students. They review the most important information from their other classes, and learn new information. These students become extremely well-rounded academically. Class size is limited. Classes meet every day 7:30 - 8:00 a.m.

Performing Arts

Dance Ensemble (7-12)

Prerequisites: Audition required

Director approval

The Trinity Dance Ensemble is designed to offer the student a ballet-based technique for the serious dancer. This class will expand the student's knowledge of ballet, jazz, modern dance, dance history, stage etiquette, and ballet terminology. Trinity Dance Ensemble is designed for the performer and will prepare these students for the stage as well as dance at the professional or college level. This is a full year course.

Instrumental Music

Performance Band (Grade 8-12)

Prerequisites: Beginning Band

Director approval

This is a full year course that emphasizes **Marching Band** in the fall and **Symphonic Band** in the spring. The *Marching Band* is one of the most visible performing groups at Trinity. The major responsibility is providing halftime entertainment and support for student & team "spirit" at all football games. In addition, the Band takes pride in competing against other bands at state-wide marching contests, along with performing for various community and civic events. Summer rehearsals, as well as after school rehearsals are mandatory.

Symphonic Band provides instrumental students the opportunity to develop, expand, and push to the limit their individual skill level. This is done through performance at concerts and contests of serious classic and contemporary band literature as well as pop and jazz. Concert Band is primarily a second semester activity.

Private Instrumental Lessons (Grade 6-12)

Director approval

Workable within regular schedule

Provisions will be made for the student interested in excelling beyond the classroom on his/her instrument. Like the current piano lessons provided, these "Lessons" will be provided by local professional instrumentalists for a nominal fee or by the Band Director at no cost. These will be scheduled once the semester has begun and as the schedule of both the student and Director allows.

Choral Music

Guys & Dolls Show Choir (9-12)

Audition required

Students will sing and dance in a Broadway-Pop-Show style and will **compete** against other high school show choirs at show choir festivals. All choral music students will **learn to read** music in simple, practical and fun exercises. All students enrolled in Guys & Dolls are eligible to audition for **All State Choir** and all 10-12th grade Guys & Dolls are eligible to audition for **All State Show Choir**. Using our talents to **minister** to the community will be a priority of the group as well as performing in concerts here at Trinity.

Varsity Voices (9-12)

Audition required

Students will sing a variety of musical styles including vocal jazz, swing, and classical music as well as put on a Madrigal Dinner (Renaissance music, jokes, and spoofs—think King Arthur!) Varsity Voices will **compete** at District Choral Festival as well as other festivals. All choral music students will **learn to read** music in simple, practical and fun exercises. All students enrolled in Varsity Voices are eligible to audition for **All State Choir** and all 10-12th grade Varsity Voices are eligible to audition for **All State Show Choir**. Using our talents to **minister** to the community will be a priority of the group as well as performing in concerts here at Trinity.

Technology & Computer

Microsoft Office (one semester)

This computer course focuses solely on Microsoft Office XP, the most widely used productivity software on college campuses. Emphasis is placed on word processing, presentations, spreadsheets and information management.

Computer Graphics (one semester)

Prerequisite: Student must have completed Microsoft Office

The course includes an introduction to graphics, beginning with an introduction to Apple computers and operating systems. Students will begin with an introduction to Macromedia FreeHand and will advance to Adobe PhotoShop.

Advanced Computer Graphics (one semester)

Prerequisite: Student must have completed Computer Graphics

This is a project-oriented class designed for students who want to increase their computer image portfolio.

Computer Web Page Design (one semester)

Prerequisite: Student must have completed Microsoft Office

Web Page Design is designed to give students an understanding of Web Page construction/design. Students will be exposed to various types of Web page editing software and graphics programs such as Macromedia DreamWeaver, Macromedia Flash, Microsoft FrontPage 2003, and E-Commerce solutions. Students will work on class projects with actual applications.

Advanced Computer Web Page Design (one semester)

Prerequisite: Student must have completed Computer Web Page Design.

The purpose of the Advanced Web Page Design course is to expand upon what was learned in the Computer Web Page Design course.

Theatrical Sound and Lighting (one semester) Grades 10-12

Prerequisite: Teacher approval

A course designed to study all multi-media areas including sound reinforcement, lighting, and computer display (projection); exploration of the current trends in theatre sound design and reinforcement - from the artistic process to new technology. Students will gain practical experience operating media equipment.

Advanced Sound and Lighting (one semester) Grades 11-12

Prerequisite: Teacher approval

A continuation of study as outlined above.

Yearbook

Yearbook (10-12)

Prerequisite: Teacher approval

The class is designed primarily to publish the yearbook. All phases of publishing the yearbook will be taught, including feature writing, design layouts using the Indesign CS2 program, and selling ads. Students must be willing to devote class time and time outside of class.