# BIBLE DEPARTMENT

# Bible 9 - Christianity and Our World's View \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup>)

As Christians, we are usually very diligent in understanding what we believe. But what about the billions of people that don't believe likewise? This class seeks to marry a basic understanding of the leading religions and cults in our world today with an intelligent defense of the Gospel message. The goal being that our students can engage in a conversation with someone of another faith that reflects both an understanding of differences and a confidence in the core truths of God's Word.

# Bible 10 - Old Testament Survey \*\*1 YEAR, 1 CREDIT (10<sup>TH</sup>) Prerequisite: Bible I

Having a foundational understanding of God's Word is absolutely necessary as a Believer. Moreover, the combative and actively persuasive culture we live in today demands it. This class serves to equip the student with a comprehensive understanding of the Old Testament narrative from its origins in the book of Genesis all the way through the final messages of the Prophets before the silence between Testaments. The goal is to build a strong conceptual knowledge of the Old Testament that will serve as a bridge to making sense of the New Testament.

# Bible 11 - New Testament Survey \*\*1 YEAR, 1 CREDIT (11<sup>TH</sup>) Prerequisite: Bible I and II

Building on the foundation laid in Old Testament Survey, the New Testament Survey class continues God's Redemptive Story with the arrival of the promised Messiah and His transforming message. Students will spend time journeying through the Gospels and Epistles of the New Testament and examining the world-wide impact these books had on both the ancient and modern world alike, culminating with the prophetic story of Jesus' eventual return to earth and making all things new.

#### Bible 12 – Family Living

#### \*\*1 YEAR, 1 CREDIT (12<sup>TH</sup>) Prerequisite: Bible I, II, and III

The philosophy of this course is to aid each student to live a **healthy Christian life** with a clear understanding of the past. Each student will be equipped with knowledge and information to prepare them to walk out a godly life that will include a strong **Christ-centered** marriage and parenting advice to reproduce healthy **Christian children.** In this class, each student will learn the biblical basis of the family unit. We will look at genealogy and family backgrounds. Each student will discover their personality traits from several tests along with their spiritual motivational gifting. Students will be setting goals along with time management of these goals. Dating/courting, engagement, and marriage will be presented. Child care, child development and parenting will also be presented. Budgeting, caring for elderly family members, and preparing for death (funeral) will also be covered in this course.

# MATHEMATICS DEPARTMENT

### Pre-Algebra

#### \*\*1 YEAR, 1 CREDIT (9<sup>th</sup>)

This course is designed to help students who are not quite ready for Algebra I and need to develop basic algebra skills, such as solving equations, graphing functions and operations with negatives. This is a small class, so the student will have plenty of opportunity during class for individual help with questions and problems.

#### Algebra I

\*\*1 YEAR, 1 CREDIT (8<sup>th</sup>\*, 9<sup>th</sup> and 10<sup>th</sup>) \*8<sup>th</sup> graders must be approved by Math Dept. before entering this course.

This course is designed for students with high abilities and/or interest in math. Topics covered include problem solving, powers, roots, polynomials, graphing linear equations, quadratic equations, matrices and determinates. Emphasis is placed on student's understanding how these topics can relate to everyday life and the need for Algebra in today's society. It is foundational for students who are pursuing a college degree.

#### Geometry

# \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup>, 10<sup>TH</sup>, 11<sup>TH</sup>) Prerequisite: Algebra I

Geometry is a one year course intended for all college-bound students. The content and pace are demanding, as laid out in the MMC standards. Nearly 30% of the math content on the SAT and M-Step tests are made up of material covered in Geometry. Preparation for these tests will be a significant portion of the course. We will use concepts from Algebra I daily. Mathematical reasoning, logic and proof are all emphasized far more in Geometry than any other high school course. Logical thinking can help you in nearly everything you pursue in the future. Specific 21st Century themes and skills addressed in this class include: Critical thinking and problem solving, information, communications and technology literacy, initiative and self-direction, productivity and accountability.

#### Algebra II

### \*\*1 YEAR, 1 CREDIT (9th-12th) Prerequisite: Algebra I and Geometry

Algebra II is a one year course intended for all college-bound students. The content and pace are demanding, as laid out in the MMC standards. 30% of the math content on the SAT and M-Step tests are made up of material covered in Algebra II. Preparation for the SAT and M-Step will be a significant portion of the course. We will review and extend concepts from Algebra I and Geometry, emphasizing functions, graphing, mathematical models, and problem solving. The graphing calculator will be an integral tool in our work and needs to be brought to class every day. Specific 21st Century themes and skills that will be addressed in this class are: Critical thinking and problem solving, information, communications and technology literacy, initiative and self-direction, productivity and accountability.

#### Accounting

### \*\*1 YEAR, 1 CREDIT (12<sup>TH</sup> grade – 'Senior Math' credit)

Accounting is considered to be the language of business and is an essential aspect of every business institution and organization. The purpose of this course is to provide the student with a thorough background in basic accounting procedures used to operate a business. As future workers, small business owners and entrepreneurs, those who understand basic accounting principles will be able to manage their company's financial resources. As citizens, future parents, and investors, you will be better prepared to make the economic decisions that will impact your communities and to make financial decisions that will affect your own economic future. The course is developed around three cycles: Accounting for a service business organized as a sole-proprietorship; Accounting for a merchandising business organized as a partnership; and Accounting for a merchandising business organized as a corporation. Each cycle covers analyzing transactions, journaling, posting, creating financial statements, and completing adjusting and closing entries. In addition, petty cash control and payroll accounting will be studied.

UPON SUCCESSFUL COMPLETION OF THIS CLASS, STUDENTS WILL BE ABLE TO DEMONSTRATE ACCOUNTING KNOWLEDGE RELATED TO: (1) Careers; (2) Terminology; (3) Principles and Practices; and (4) Procedure

#### **Pre-Calculus**

#### \*\*1 YEAR, 1 CREDIT (11th/12th) Prerequisite: Algebra I and II, Geometry

Pre-Calculus is a one year course intended to provide the mathematical background needed for calculus and prepares the student for the rigors of college math. The text integrates graphing technology into the course. Mathematics is presented in an informal manner that stresses meaningful motivation, careful explanations, and numerous examples, with an ongoing focus on real-world problem solving. The class will be conducted in a manner similar to a college course, with emphasis placed on individual student responsibility to complete the work and ask for help as needed. Specific 21<sup>st</sup> Century themes and skills include: Critical thinking and problem solving, information, communications and technology literacy; initiative and self-direction; and productivity and accountability.

#### A.P. Statistics

# \*\*1 YEAR, 1 CREDIT (11<sup>TH</sup>/12<sup>TH</sup>) Prerequisite: Algebra I and II, Geometry

In this course, you will become familiar with the vocabulary, method, and meaning in the statistics used in the world around you. You will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. You will also learn how to use your graphing calculator and computer software to perform statistical analysis. An introductory statistics course like this is typically required for majors in the fields of social sciences, health sciences, and business. Science, engineering, and mathematics majors usually take an upper-level calculus-based course in statistics, for which the AP Statistics course is an effective preparation. You must have successfully completed Algebra II or its equivalent before taking this course. At the conclusion of the course, you may elect to take the AP exam, at a cost of approximately \$95. You may receive college credit for a semester of statistics if you do well on this exam (minimum score of 3 out of 5). The pace of this course will be rigorous to prepare adequately for the exam. (Offered every other year)

# A.P. Computer Science Principles \*\*1 YEAR, 1 CREDIT (11<sup>TH</sup>/12<sup>TH</sup>) Prerequisite: Algebra I

AP Computer Science Principles course is a one-year course designed to be equivalent to a first semester introductory college computing course. Students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze data and working with large data sets to visualize and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. A major emphasis of the course is learning to program computers. Other big ideas covered are the history and impact of the Internet and the global impact of computing. (\*\*Course could also be considered a science credit)

#### Consumer Math:

### \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup> / 12<sup>TH</sup>)

This class focuses on practical applications of mathematics that most of us will encounter in "real-life". This is covered in four units: Transportation (buying/renting cars, operating expenses, insurance, using other modes of transportation, etc.), Work (time cards, wages, taxes, benefits, etc.), Family Life (budgets, banking, home loans, renting, insurance, recipes, etc.) and Home (buying paint, carpet, repairs, insurance, etc.). Lessons include mathematics as well as learning related vocabulary and practical tips. There will be one or two projects in each unit, such as Buying a Car, Planning a Trip, Preparing a Budget, Redoing Your Bedroom (paint, carpet, curtains, etc.). This class is NOT a preparation for Algebra.

# SOCIAL STUDIES DEPARTMENT

# World History/Geography \*\*1 YEAR, 1 CREDIT (9<sup>th</sup>/10<sup>th</sup>)

This course takes students through a sequential study of the major themes in world history beginning in ancient times and moving toward modern times. Students will develop and hone their creative and critical thinking skills while expanding oral communication skills through the use of project based learning and assessments. Students will apply their Biblical worldview to analyze current world events and expand their global awareness. Students will grow in understanding and appreciation of God's purpose and plans as demonstrated throughout history. Students will expand their knowledge of geography.

#### U.S. History

### \*\*1 YEAR, 1 CREDIT (10<sup>th</sup>/11<sup>th</sup>)

This course is designed to engage students in the study of the major themes in American history beginning in colonial times and moving toward modern times. Students will grow in understanding and appreciation of the ways in which God has worked out His purpose and plan. Students will enhance their civic and global literacy through the study of current events and learn to analyze events through their Biblical worldview. Throughout the course students will engage in discussions, individual and cooperative learning projects, and assessments that will hone their critical thinking skills, encourage creative and innovative thinking, and refine their communication skills.

#### Government

#### \*\*1 YEAR, 1 CREDIT (11th/12th) Prerequisite: World History and U.S. History

This course is designed to introduce students to the scope and function of government in the United States as well as its limitations and possibilities. We'll examine the conceptual foundations and the origins of American government, and also emphasize our responsibilities as citizens of the U.S. The course will incorporate what scripture has to say about the role of government and our role as 'dual' citizens. The 21<sup>st</sup> Century theme most emphasized in this course will be civic literacy, but we will also address global awareness, communication and collaboration, information and media literacy, and leadership and responsibility.

#### **Economics**

## \*\*1 YEAR, 1 CREDIT (11th/12th)

Economics is a one year course divided into two distinct parts. The first semester is a survey of economic theory. Economics is not just about money--it's about the choices that every person, company, or country makes to use limited resources in the best way possible. Topics covered will include basic economic questions and goals, the laws of supply and demand, pricing theory, and government economic policies. The second semester will cover the Foundations in Personal Finance course published by Dave Ramsey. This is an extremely practical course in how to handle money that teaches about saving, budgeting, debt, preparing for college and career, shopping, investing, insurance, and giving.

### A.P. Psychology

# \*\*1 YEAR, 1 CREDIT (11th/12th) Prerequisite: Pre-approval

A.P. Psychology is designed to introduce students to the study of the behavior and mental processes of the human brain. Students will explore psychological facts, principles, and theories associated with each major subfield of psychology. In addition, students will analyze the methods psychologists use in their practice and the ethics of psychological treatment with a Biblical worldview. Students will participate in a rigorous curriculum equivalent to most college introductory psychology courses. Students will develop their critical thinking skills while exercising their Biblical worldview in a commonly secular field.

# **ENGLISH DEPARTMENT**

#### English I

# \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup>)

This course is based around state standards and is organized by thematic literature units. Students will participate in acquiring skills in grammar, composition, analysis, vocabulary enrichment, research, and oral expression within each unit. In addition, a novel and a Shakespearean play are read, discussed, and analyzed. Collaborative learning groups are used frequently. The development of study and organizational skills is also built into this course.

#### **English II**

#### \*\*1 YEAR, 1 CREDIT (10th) Prerequisite: English I

This course is based around state standards and provides a thematic study of multi-cultural literature. Within each unit, students will participate in reading literature, reading informational texts, writing, oral presentation and vocabulary enrichment. A novel and Shakespearean play are also read, discussed and analyzed. Collaborative learning and project groups are used frequently. English II deepens and strengthens many of the skills and knowledge acquired in English I.

#### **English III**

#### \*\*1 YEAR, 1 CREDIT (11th) Prerequisite: English I and II

English III is comprised of two semester courses: British Literature in the 1<sup>st</sup> semester and American Literature in the 2<sup>nd</sup> semester. British Literature focuses attention on the history and development of the English language and the literature that came out of this development. The class begins with the Anglo-Saxons and their contribution to literature, continues chronologically with the study of works of English authors like Shakespeare and Shelley, and culminates with a discussion of the ideas in The Screwtape Letters by C.S. Lewis. Throughout the semester, the class begins to develop an understanding of where our language came from, how literature affects our culture and lives, and how God uses the entities of language development and literature to spread His message.

American Literature is also taught chronologically and covers several American authors and genres of literature, but the class also takes a more deliberate look at preparing students for college writing. Students are asked to write on a variety of topics with the largest of these assignments being research papers. Students will also have opportunity to practice for the SAT that is taken by Juniors in mid-April.

# English IV: Senior English/Capstone Project \*\*1 YEAR, 1 CREDIT (12<sup>TH</sup>) Prerequisite: English I, II and III

Senior English is designed to challenge students to hone their written and oral communication skills in preparation for college and the workforce. In addition, students will develop their critical thinking skills by reading and analyzing various novels and supplemental literature that engages them in thought-provoking discussion. Throughout the units literary study students will apply their Biblical worldview to the written and oral analysis of literature and complete reflective journal writing. Students will also complete the Senior Capstone Project which is designed to provide students with the preparation they need to be successful in college writing and reflect on the ways God has shaped

them for leadership in high school. It is comprised of a research paper, a career development portfolio, a personal narrative, and an oral presentation. Each component is designed to prepare students for college and the workforce and through the development of effective written and oral communication skills.

# A.P. English (Literature and Composition) \*\*1 YEAR, 1 CREDIT (11<sup>TH</sup>) Prerequisite: English I and II, and Pre-approval

A.P. English Literature and Composition allows students with a strong ability and interest in literature to receive college credit for their high school work. The class focuses its attention on three genres of literature: fiction, drama and poetry. Students read and analyze different pieces of literature including novels that are to be read the summer before the class is taken. Students who wish to, can take a culminating exam at the end of the year for an opportunity to receive college credit. Students must receive a 3 or better on the exam in order to receive college credit (students should check with the college they plan on attending as to what score they would require for credit). Students who wish to take the class must fill out an application as class size is limited.

# SCIENCE DEPARTMENT

#### **Physical Science**

#### \*\*1 YEAR, 1 CREDIT (9th)

This course is designed to introduce students to the fields of chemistry and physics. Each unit is enhanced with laboratory exercises where students will learn how to properly use laboratory equipment, practice laboratory safety, and learn to work cooperatively with others. Chemistry topics include the structure and classification of matter, states of matter, organization of the periodic table of elements, acids and bases, chemical equations and reactions, organic chemistry, and nuclear chemistry. Physics topics include forces and motion, Newton's laws, pressure, work and power, simple machines, forms of energy, sound, light, electricity, and magnetism.

#### **Biology**

#### \*\*1 YEAR, 1 CREDIT (10th)

This course explores the amazing world of life. Major topics include ecology, biochemistry, cells, genetics, creation vs. evolution, and the kingdoms of living organisms. The content of this course is enhanced with outdoor explorations, laboratory exercises, simulations, and dissections. Multi-media presentations on Blomes and the Animal Kingdom provide opportunities for students to practice public speaking skills and incorporate technology into their learning experience. Every topic in this course is viewed through the lens of a Christian worldview which acknowledges God as the creator of all life on earth.

#### Chemistry

#### \*\*1 YEAR, 1 CREDIT (10th/11th/12th) Prerequisite: Physical Science and Biology

This course deals with matter and the changes that matter undergoes. Major topics include measurements and calculations, atomic structure, periodic law, chemical bonding, chemical reactions and equations, characteristics of the states of matter, acids and bases, organic chemistry, and nuclear chemistry. Each topic will be enhanced with a laboratory activity where proper lab safety techniques will be emphasized and strictly enforced. Students will create a plan for a 'green' home or create a science fair type project at the end of the year. Various careers in the field of chemistry will be examined. This course will benefit students seeking to pursue careers in the areas of health science, forensics, science education, veterinary medicine, and alternative energy.

#### Anatomy and Physiology

### \*\*1 YEAR, 1 CREDIT (11th/12th) Prerequisite: Biology and Chemistry

This course is designed to introduce students to the intricate workings of the human body. The structure and function of the body's major systems is explored. Laboratory experiments and dissections are used to enhance the study of each system. Students will demonstrate proper laboratory safety techniques, discuss and evaluate ethical issues relating to the body, and create multi-media presentations about various diseases. This course is ideal for students seeking to pursue a career in the health care industry and to anyone curious about the complex body systems designed by our Creator. (Offered every other year)

# FOREIGN LANGUAGE DEPARTMENT

#### Spanish I

# \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup>-12<sup>TH</sup>)

This course is an introduction into one of the world's most commonly spoken languages. Students learn a number of basic language concepts including common phrases, useful vocabulary, important cultural ideas and experiences, and creating sentences in the present tense. Students are challenged to be able to both write and speak the language accurately. Spanish is the chosen language of study at TCS because we recognize the increasing population of Spanish speakers in the state of Michigan, as well as the U.S. Second language learning, as a whole, is an important aspect of education because of the increasing access to the international community for business and other communications. Serving our Lord in missions is another aspect in which TCS values the knowledge of a second language.

#### Spanish II

### \*\*1 YEAR, 1 CREDIT (9th-12th) Prerequisite: Spanish I

Spanish II is an extension of Spanish I. Besides reviewing some Spanish I material, Spanish II extends the study of the Spanish language to include additional vocabulary, expanded culture studies, and more useful language concepts. A primary focus of this class is to extend past the study of present tense speaking by adding two past tenses, future tense, imperative tense, and other supplementary tenses. Students who complete Spanish II will have the base knowledge to communicate with a native speaker on a number of topics.

# FINE ARTS AND ELECTIVES

### Design I

### \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup>-12<sup>TH</sup>)

This course is designed to introduce students to various media and design principles. Students will learn about drawing, painting, printmaking, sculpture, and graphic design. Some crafts will also be included in this class. Students will also work with color painting and 3-D dimensional art.

# Praise and Worship Class \*\*1 YEAR, 1 CREDIT (9<sup>TH</sup>-12<sup>TH</sup>)

The purpose of this course is to train students as worship leaders both musically and spiritually. Spiritually, we will get to the heart of being an artist for God's purposes as well as being sensitive to the spirit's leading in worship. This includes how we put together a set list, handle the singers and musicians we are leading. Every person on a worship team is a worship leader, even if they aren't the ones directing the worship and choosing the music. The team will learn to submit to one another and most importantly to the spirit's leading in a worship setting. Students will also be trained in musical technique, improving tone quality, blending, musical style and performance standards.

#### Yearbook

### \*\*1 YEAR, 1 CREDIT (11<sup>TH</sup>/12<sup>th</sup>) Prerequisite: Pre-approval

Yearbook is a year long course emphasizing a final full-color product. Students will learn computer graphics and photography skills the first semester. Members of the staff are entrusted to plan the yearbook from cover to cover. Under student leadership, we decide all content, interview, photograph, write, design and represent TCS, a role we take very seriously. We also sell and design advertisign. We conduct surveys and assemble all senior, underclass, and faculty photos. All staff members will be assigned to create spreads, sell advertising, take pictures, conduct interviews, write captions, etc. It's a lot of work, and a lot of fun, and it's a great real-world publishing experience. It's a fast paced, deadline-oriented team of hard workers.

# Fall and Spring Plays/Dramas \*\*Each play: .25 CREDIT

A student may earn .25 credit for each play/drama they participate in which can include: Acting, set design, costume design, or general help.

#### **Culinary Arts**

# \*\*1 SEMESTER, .5 CREDIT (9th-12th)

The goal of this course is to teach useful lessons, techniques, and knowledge to be used in the kitchen and to equip each student with valuable life and job focused information. During our meeting times, students will learn hands on techniques that can be helpful at home and in the workplace. Students will learn valuable information about food history, health and safety guidelines, and the ability to cook using a variety of methods.

#### **Photography**

#### \*\*1 YEAR, 1 CREDIT (9th-12th) Prerequisite: Pre-approval

With a combination of lectures, assignments and group critiques, students learn to see photographically through an exploration of the basic tools, techniques and aesthetics of photography. Some of our course projects include:

How Art Elements Translate into Photography

Leading Lines

Shapes: Positive & Negative

Color: harmonies that enhance your photos.

Tips & Tricks

History of Photography

Aperature, Sutter Speed, etc.

Each student is encouraged to bring their own digital camera. However, if needed we have a few for students to use.

#### **ELECTIVES:**

#### KCTC (Kent County Technical Center)

\*\*1 or 2 YEARS, Various credits (depending on course selected) (10<sup>th</sup>-12<sup>th</sup>)

Kent ISD offers various courses on their Tech Campus allowing students to explore courses leading them to several college and career pathways. Courses include Exploring Health Careers, Nursing, Mechatronics, CAD, Auto and Diesel Mechanics, just to name a few. If a student is interested in attending KCTC, they must apply with the Student Development Director, who will determine eligibility of the student and schedule availability. The student must understand that they are required to travel to KCTC daily and will be gone from high school the first 2 hours of the school day.

#### **Dual-Enrollment: Grace Christian University**

\*\*1 SEMESTER, 3 COLLEGE CREDITS (11th/12th) Prerequiste: 3.0 GPA, Preapproval (does not apply to required high school credits)

TCS offers a dual-enrollment program with Grace Christian University which allows high school students to attend a college level course taught by a professor of the college and earn college credit. These courses take place on the TCS high school campus which make it a very convenient way to earn college credit, without travel or any cost. There are 4 rotating courses over the span of 2 years (4 semesters) where students may choose 1 or all 4 courses and earn up to 12 credits toward their future college education. The 4 courses currently include: Principles of Sociology, Fundamentals of Speech, History of Civilization II, and Popular Music and Youth Culture (Fine Arts).

#### World War II

#### \*\*1 or 2 SEMESTERS, .5 CREDIT/SEMESTER (elective/social studies) (9th-12th)

The purpose of this course is to provide the students with a broad view and comprehensive understanding of World War II as a global event. It will deal with the war's causes, conduct, and consequences. It will cover the war from the perspective of all the major belligerents, Axis and Allied. The dominant perspective, however, will be that of the United States, the only Allied power to play an important role in the defeat of all three Axis powers, Germany, Italy, and Japan. The course is built around lectures, complemented by demonstrations, audio-visual experiences, handouts, and discussions.

#### Teacher's Aide

### \*\*1 SEMESTER, .5 CREDIT (11th/12th) Prerequisite: Pre-approval

This course will allow an upper level student to assist a teacher in daily duties. Duties may consist of making copies, correcting tests and homework, tutoring, and general projects.

#### **SAT Prep**

#### \*\*1 SEMESTER OR FULL YEAR, .5/1 CREDIT

Students will participate in online review lessons and practice tests in preparation for the SAT. This course is managed through Google Classroom in conjunction with Khan Academy. Assignments will be posted in Google Classroom weekly.

#### Highlights:

- --Approximately 80 minutes (4 mods) in your schedule each week during PLT to work on SAT Prep
- --Provides over 40 hours of official SAT practice through Khan Academy

# PHYSICAL EDUCATION DEPARTMENT

#### **Physical Education**

# \*\*1 YEAR, .5 CREDIT (9th-12th) (Playing 2 sports completes this requirement)

This course provides students with knowledge, skill and values needed to participate in sports. The students will develop the physical skills necessary to be competent in sports and various fitness/aerobic activities. The MMC requires .5 credit for graduation.

#### Health

# \*\*1 SEMESTER, .5 CREDIT (8th - 12th)

Health is a one semester class required by the MMC as part of the Physical Education requirement. In this course, students will study the human body systems and proper care for those systems as created by God. Proper care includes recognizing fitness activities, good nutrition and sport safety practices. The student will also learn how the body's immune system responds to various diseases.