

BT BLESSED TRINITY
CATHOLIC HIGH SCHOOL
Now and Forever



2026-2027
Academic Course Catalog

VISION

Blessed Trinity Catholic High School will be dedicated to the development of students spiritually, morally, intellectually, and physically. It is our objective to provide a safe environment and state of the art facilities to prepare our students for learning in a collegiate environment best-equipped for building 21st-century skills. The school community aspires to affirm the dignity of each student created in the image of God and to foster student achievement in life.

MISSION STATEMENT

Blessed Trinity Catholic High School exists to provide a nurturing educational environment that transforms lives in Christ, integrating spiritual formation, academic excellence, artistic sensibility, and athletic achievement.

INSTITUTIONAL VALUES

Faith & Tradition - Learning - Innovation - Service -
Community

COMMITMENTS

Faith & Tradition - Commitment to our founding principles
Learning - Commitment to knowledge and understanding
Innovation - Commitment to creativity and forward-thinking
Service - Commitment to others
Community - Commitment to unity

INTRODUCTION

These pages contain brief descriptions of each of the courses offered at Blessed Trinity Catholic High School. Each departmental section begins with a statement of the philosophy of that academic discipline and ends with the course sequences to illustrate how one course satisfies the prerequisites for more advanced courses. For a complete description of the academic program, please refer to Chapter 4 of the Student Handbook. Some of the contents of that chapter are summarized here for easy reference.

GRADUATION REQUIREMENTS

All graduates of Blessed Trinity must earn a minimum of 28 credits. A full credit is awarded for successful completion of a full year course and a half credit is awarded for successful completion of a one-semester course or of one semester of a full year course.

The school's curriculum provides all the necessary courses for admission to any college in the University System of Georgia. The 16 credits required in the College Preparatory Curriculum (CPC) are included in the graduation requirements for Blessed Trinity.

Please note that the entrance requirements for colleges other than those in the University System of Georgia do not necessarily coincide with the courses required for graduation from Blessed Trinity. It is the responsibility of the student, with the help of our Guidance Office, to be sure that all necessary courses are taken for admission to the college of choice.

Required courses and the number of credit hours for graduation follow:

THEOLOGY - 4 credits are required, or .5 credit for every semester enrolled at Blessed Trinity.

ENGLISH - 4 credits are required, including English 1, World Literature, American Literature (or AP English Language), and British Literature (or AP English Literature). Students are required to take one English course for every semester enrolled at Blessed Trinity. Elective courses do not count toward the English requirement.

SOCIAL STUDIES - 4 credits are required, including Ancient Civilizations, American Government, World History, United States History, Government, and Economics. Students are required to take at least one Social Studies course for every semester enrolled at Blessed Trinity.

MATHEMATICS - 4 credits are required including Algebra 1, Geometry, Algebra 2 and one or two additional courses that have these courses as prerequisites. Students who complete Algebra 1 and/or Geometry in middle school must still take four credits at Blessed Trinity. Students are required to take at least one Mathematics course for every semester enrolled at Blessed Trinity.

SCIENCE - 4 credits are required and must include Biology, Chemistry, and either a year-long Physics course or Principles of Physics/Introduction to Chemistry.

WORLD LANGUAGES - 2 credits are required from the same language. Students who complete one or two years of a World Language in middle school must still take two credits at Blessed Trinity.

REQUIRED ELECTIVES - 4.5 credits are required in the Fine Arts, Business and Technology, Personal Finance, and Physical Education departments. A minimum of 1 credit must be earned in each department (totaling 3 credits). The remaining 1.0 credits may come from any of the three departments that the student chooses.

PERSONAL FINANCE – .5 required graduation credit (this does not count as a Business credit)

FINE ARTS – 1 credit is required from the areas of dance, drama, art, music, or yearbook.

BUSINESS AND TECHNOLOGY – 1 credit is required from any of the Business and Technology areas.

PHYSICAL EDUCATION – 1 credit is required including Health. Dance courses offered through the Fine Arts Department may be taken along with a Health class to fulfill the PE requirement.

ADDITIONAL ELECTIVES – 1.5 additional credits are required for graduation from Blessed Trinity. These may be chosen from any courses designated as electives or from courses not specifically listed as electives but which exceed the number of courses required within a department. For example, a student who takes Morality in the Media would receive .5 credits towards these additional electives.

Required courses and the number of credit hours for graduation follow:

Credits Needed	Subject	9th	10th	11th	12th
4	Theology	Fundamentals of the Catholic Faith Fundamentals of the Moral Life	Old Testament Covenants Gospels: Heart of the New Testament	Ecclesiology Sacraments of the Church	Apologetics World Religions
4	English	English 1 CP English 1 Adv English 1 Honors	World Literature CP World Literature Adv World Literature Honors	American Literature CP American Literature Adv AP English Language & Composition	British Literature CP British Literature Adv AP English Literature & Composition
4	Social Studies	Ancient Civilizations CP Ancient Civilizations Adv American Government CP American Government Adv AP US Government & Politics *AP Human Geography	World History CP World History Adv AP World History	US History CP US History Adv AP US History	*#Modern US History & Government *#AP US Government & Politics *#AP Comparative Gov't & Politics #Economics CP #Economics Adv #AP Microeconomics #AP Macroeconomics
*If AP Human Geography is taken during the 9th grade; need to choose one of the 3 Government classes #Must choose one of the 3 Government classes and one of the 4 Economics classes					
4	Mathematics	Algebra 1 CP Algebra 1 Adv Geometry Adv Geometry Honors	Geometry CP Geometry Adv Geometry Honors Algebra 2 CP Algebra 2 Adv Algebra 2 Honors	Algebra 2 CP Algebra 2 Adv Algebra 2 Honors Precalculus CP Precalculus Adv AP Precalculus	Algebra 3 with Trigonometry Precalculus Adv AP Precalculus Calculus Part 1 Honors Calculus Part 2 Honors AP AB Calculus / AP BC Calculus Statistics / Discrete Math
4	Science	Biology CP Biology Adv. Biology Honors	Introduction to Chemistry (ITC) Principles of Physics (PoP) Chemistry CP Chemistry Adv Chemistry Honors	Physics CP Chemistry CP Chemistry Adv Elective	Physics CP Physics Honors Chemistry CP (transfer only) Elective
2	World Languages French Latin Spanish	French 1 *French 2 or French 2 Honors Latin 1 *Latin 2 or Latin 2 Honors Spanish 1 *Spanish 2 or Spanish 2 Honors *If placed	French 2 or French 2 Honors French 3 or French 3 Honors Latin 2 or Latin 2 Honors Latin 3 or Latin 3 Honors Spanish 2 or Spanish 2 Honors Spanish 3 or Spanish 3 Honors	Students may continue to take a World Language as an elective	
0.5	Personal Finance	N/A	N/A	Personal Finance	
1	Business Education	Any Class in the Department during any semester available			
1	Physical Education	Health and any other class in the Department during any semester available			
1	Fine Arts	Any Class in the Department during any semester available			
1	Required Electives	May come from any of the three above departments (Business Education, Physical Education or Fine Arts)			
1.5	Additional Electives	These may be chosen from any courses designated as electives or from courses not specifically listed as electives but which exceed the number of courses required within a department			
28	TOTAL CREDITS	REQUIRED FOR GRADUATION			

INFORMATION ABOUT THE ACADEMIC PROGRAM

Blessed Trinity Catholic High School operates on an A/B block schedule that permits students to take up to eight classes with four classes meeting each day.

Many courses are offered on multiple levels: College Prep, Advanced, and Honors/Advanced Placement (AP). Students are not necessarily placed at the same level in all subject areas. Placement in a particular level is based on the student's aptitude and performance in the various disciplines. While the curriculum is parallel, in that each level of the course has similar goals and objectives, the level of instruction varies by methodology, degree of difficulty, and volume of information presented.

College Prep level courses are designed to meet the needs of students who want a college preparatory curriculum.

Advanced level courses are designed to meet the needs of students who want a college preparatory curriculum, who can complete tasks with minimal supervision, and who have an above average level of aptitude and achievement.

Honors/AP level courses are designed to meet the needs of students who want an advanced college preparatory curriculum, who are highly motivated, and who have a high level of responsibility, aptitude, and achievement. Principles and concepts are explored in greater depth, and more independent work is expected of the student.

Honors and AP courses are weighted. For Honors courses, the grade appearing on the report card and transcript has four additional points added to the actual earned grade. For AP courses, the report card and transcript have an eight-point addition. Therefore, the maximum grade that a student can earn is 100 in a College Prep or Advanced level course, 104 in an Honors course, and 108 in an Advanced Placement course. However, no weight is added to a grade less than 70. That is, weight cannot change a failing grade to passing.

COURSE OFFERINGS BY ACADEMIC DEPARTMENT

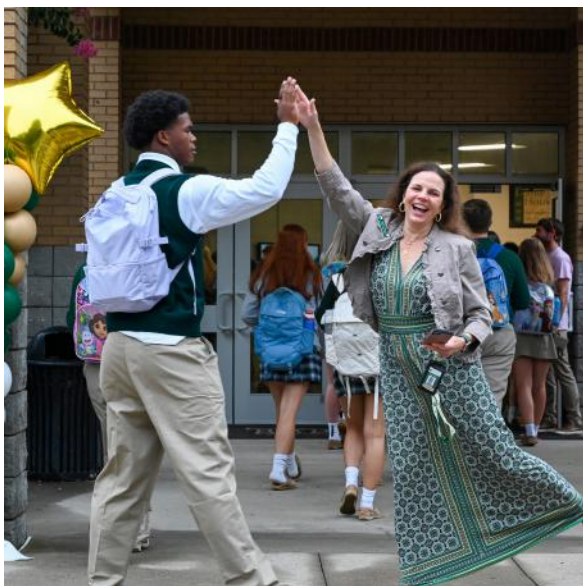
On the pages that follow are the descriptions of each course offered at Blessed Trinity. The listings are by academic department. Within each department is the philosophy behind the course offerings, the numerical listing of courses, and in the case of the core curriculum areas, the sequence of courses and a summary of the elective options.

There are prerequisites for some courses and may include one or more of the following:

Department Placement - the student is placed into that particular level of the course based on criteria set by the academic department.

Contract Required - for all 10th, 11th, and 12th grade honors and AP courses, the student and parent must sign a contract indicating their understanding of the demands of the course.

Application Required - for some 10th, 11th, and 12th grade courses, the student must fill out an application as part of the request to take the class.



THEOLOGY DEPARTMENT

THEOLOGY DEPARTMENT PHILOSOPHY:

The goal of the Blessed Trinity Theology Department is to impart to every student the message of salvation through Jesus Christ, who perfectly reveals to us the love and plan of God the Father. Our task is to deliver intact to each student the truths of the Catholic Faith that have been handed down to us. By our teaching we hope to develop student understanding of the Deposit of Faith and bring it to a deeper maturity. The handing down of the truths of the faith is a stage in the process of Evangelization, so our goal is not only to bring clarity to students' understanding of Doctrine, but also to encourage them towards deeper conversion and commitment to living a Catholic Christian lifestyle. It is our conviction that we are teaching the person of Jesus Christ, with whom we are invited to share a relationship. It is from the Father, through the Son, in the Holy Spirit that our ultimate goal of eternal life is to be accomplished.

Theology at Blessed Trinity is a serious academic course. The statement of Saint Peter, "Always be ready to make your defense to anyone who demands from you an accounting for the hope that is in you," requires both fervent prayer and scholarly study. (1 Peter 3:15)

The Blessed Trinity Theology Department, in keeping with the norms of the Catechism of the Catholic Church, continually addresses four key areas of Christianity: creed and revelation (belief in God), liturgy and sacraments (worship of God), Life in Christ (living in accordance with God's ways), and prayer (communication with God).

Course sequence:

- 9th: Fundamentals of the Catholic Faith → Fundamentals of the Moral Life
- 10th: Old Testament Covenants → Gospels: Heart of the New Testament
- 11th: Ecclesiology → Sacraments of the Church
- 12th: Apologetics → World Religions

Elective:

- 12th: Morality in the Media or Theology of the Body

THEOLOGY DEPARTMENT COURSES

Four credits of Theology are required for Graduation, or .5 credit for each semester enrolled at Blessed Trinity.

FRESHMEN: The two Freshman year courses provide an introduction to Catholicism and cover the four components of the Catechism of the Catholic Church. All students are given the "basics" of Catholic belief and practice as a foundation for theological studies.

Course #011 - Fundamentals of the Catholic Faith

Credit Earned: .5

Prerequisite: Freshman

This course introduces students to the basic doctrines and liturgical practices of the Catholic faith. Students are presented with the basic Gospel message and the underlying Scripture and Tradition behind the face of Catholicism. This semester addresses belief in God, His triune nature, the role of the Three Persons in Salvation History, and the role of the Blessed Virgin Mary.

Course #016 - Fundamentals of the Moral Life

Credit Earned: .5

Prerequisite: Freshman

This course introduces students to the basic concepts of Catholic moral teaching. This includes a focus on moral formation and discernment, the Natural Law, the power of habit in virtue or vice, and thoroughly addresses the requirements of the Ten Commandments, and the Law of Love.

SOPHOMORES: The Sophomore year is designed for the students to study Scripture and the story of Salvation History. The fall semester focuses on the Old Testament and the spring semester on the New Testament.

Course #021 - Old Testament Covenants

Credit Earned: .5

Prerequisite: Sophomore

This course serves as an introduction to Scripture study for students. Students establish a foundation for understanding Salvation History through exploration of the covenants and prophets of the Old Testament. Understanding of Old Testament themes and images help students appreciate that our Catholic roots lie in Judaism.

Course #025 - Gospels: Heart of the New Testament

Credit Earned: .5

Prerequisite: Sophomore

This course opens students to the New Testament Scriptures. Students learn how the covenant made by Jesus Christ is the covenant that fulfills all the Old Testament covenants. Topics to be studied in this course include Jesus's Incarnation, His teachings on the Kingdom of God and His use of parables, the miracles Jesus performed as a sign of the Kingdom's coming, the Paschal Mystery and the Resurrection.

JUNIORS: After studying the Fundamentals of the Faith, the Moral Life, and God's work in Salvation History through the people of Israel and the person of Jesus Christ, students turn to the Mystical Body of Christ, the Church. Students will look at the nature of the Church in the Fall and look at privileged encounters with Christ through the Sacraments in the Spring.

Course #032 - Ecclesiology

Credit Earned: .5

Prerequisite: Junior

The purpose of this course is to examine the nature and structure of Christ's Church. The student learns the function that the Church plays in Salvation History, her visible manifestation as well as her invisible reality, and the Four Marks that characterize that Church, i.e. one, holy, catholic, and apostolic. The course is intended to prepare the student to take a more active role in the life and evangelical mission of the Church through a greater understanding and appreciation of her role as the Bride of Christ.

Course #035 - Sacraments of the Church

Credit Earned: .5

Prerequisite: Junior

A sacrament is an external sign instituted by Christ that confers grace. This course examines the external signs (form and matter) of each sacrament, the Old Testament prefigurement and New Testament institution of the sacraments by Christ, and the sanctifying and actual graces that each sacrament confers upon the recipient. Students also learn who may administer each sacrament and who may receive it. The course is intended to give students a mature understanding of the sacraments of the Church so that they may avail themselves of these gifts and obtain the graces they promise.

SENIORS: The purpose of the Senior year of Theology is to prepare the students to solidify the rational understanding of the faith, charitably defend their faith, and have discussions with those of different faiths.

Course #041 - Apologetics

Credit Earned: .5

Prerequisite: Senior

This course addresses the philosophical nature of theology, with students learning how to reason (and what limitations reason has) on the topics of faith. The course explains and defends the general beliefs of Catholic Christianity. Students are taught basic logic and argumentation skills as well as what not to do as an apologist. Christian charity in dialogue is required; one goal is to be able to intelligently discuss faith without attacking someone's beliefs or ideals.

Course #045 - World Religions

Credit Earned: .5

Prerequisite: Senior

Students compare and contrast Christianity to the other major world religions. Students look at the beliefs and practices of such religions as Islam, Hinduism, Buddhism, and Judaism. In addition, the political and social implications of each religion are discussed. As a follow-up to Apologetics, one goal of this course is to be able to have a charitable, adult conversation with someone of a different belief system.

ELECTIVES: The following Theology electives are offered for those who wish to deepen their understanding of the faith and their world through the application of Christian principles to the broader culture.

Course #057 - Morality in the Media

Credit Earned: .5

Prerequisite: Senior; Application Required

Students apply the principles that they learned in Theology classes to ideas contained in contemporary movies and TV shows. Besides the moral themes, students examine how religion in general and Christianity in particular are portrayed in the secular media. Some films may be rated R by the MPAA; however, offensive material will be expurgated.

Course #058 - Theology of the Body

Credit Earned: .5

Prerequisite: Senior; Application Required

This advanced theology elective course delves into the profound teachings of St. John Paul II's Theology of the Body. Through a blend of lectures, discussions, and project-based learning, students will explore the interconnectedness of human sexuality, love, and the divine plan. This course aims to foster a deeper understanding of the human person and their vocation to love.

ENGLISH DEPARTMENT

ENGLISH DEPARTMENT PHILOSOPHY:

As an English Department, we believe in the necessity of developing students' appreciation for literature and teaching effective communication skills in speaking, listening, reading and writing. In our endeavors, we demand fairness, honor, and quality. We aim to create an environment conducive to diverse learning opportunities for our students so they can develop the character, knowledge, and skills to succeed in high school, college, and the workplace. Additionally, we strive to promote and reinforce the doctrines of the Catholic faith while preparing our students for the many challenges they will face as lifelong learners and responsible citizens.

Course Sequence:

- 9th: English 1
- 10th: World Literature
- 11th: American Literature or AP English Language and Composition
- 12th: British Literature or AP English Literature and Composition

Elective offerings include the following:

- Yearbook
- Creative Writing
- Mythology and Classic Archetypes
- Multimedia Journalism

ENGLISH COURSES

Four credits of English are required for Graduation, or .5 credit for each semester enrolled at Blessed Trinity.

Course #110 - English 1 Honors

Credit Earned: 1.0

Prerequisite: Freshman, Department Placement

English 1 Honors is a survey of literature with an emphasis on the development of critical thinking, writing, speaking, listening, and research skills. Students in the class will read, write about, and discuss literature daily, will enhance their understanding and usage of vocabulary, and will become proficient in the writing of paragraphs and essays using MLA format and documentation. The enriched curriculum and increased pace of the course will help prepare students for future honors level and AP level classes. This class requires a significant amount of individual work and independent outside reading.

Course #111 - English 1 Advanced

Credit Earned: 1.0

Prerequisite: Freshman, Department Placement

English 1 Advanced is a survey of literature with an emphasis on the development of critical thinking, writing, speaking, listening, and research skills. Students in the class will read, write about, and discuss literature daily; enhance their understanding and usage of vocabulary; and become proficient in the writing of paragraphs and essays using MLA format and documentation. The enriched curriculum and increased pace of the course will help prepare students for the four-year university.

Course #112 - English 1

Credit Earned: 1.0

Prerequisite: Freshman, Department Placement

English 1 is designed for students who need reinforcement of basic language arts skills. This course provides a balance of composition, grammar, vocabulary, and literature presented in a survey of the major genres of short stories, nonfiction, drama, poetry, the novel, and mythology. Speaking, listening, and research skills are included with emphasis on the development of study skills.

Course #120 - World Literature Honors

Credit Earned: 1.0

Prerequisite: Sophomore, Department Placement, Contract Required

This honors level course provides a survey of world literature selections in preparation for English classes in the junior and senior years. It applies a wide range of critical thinking strategies to comprehend, interpret, and evaluate an array of texts. This course prepares the student for specific writing experiences through the application of basic rhetorical techniques used in the development of literary analysis and research papers. Additionally, students develop usage, vocabulary, speaking, and listening skills, along with college entrance exam strategies, throughout the year.

Course #121 - World Literature Advanced**Credit Earned: 1.0****Prerequisite: Sophomore, Department Placement**

In this advanced level course, students survey the spectrum of world literature, ranging from Greek and Roman classics to contemporary works. Students also develop composition, vocabulary, and grammar/usage skills, along with college entrance exam strategies, through class discussions and writing assignments. Additionally, students learn to recognize and employ rhetorical strategies in their study of literature and writing. Throughout the two semesters, students also focus on techniques in gathering information for research purposes by using a variety of resources, such as books, databases, online sources, and video.

Course #122 - World Literature**Credit Earned: 1.0****Prerequisite: Sophomore, Department Placement**

This course is designed for students who need reinforcement of analytical skills. It is a survey course in world literature in which students also develop composition, vocabulary, and grammar skills through class discussions and writing assignments. Students use a variety of resources such as books, databases, online sources, and video to gather information for research purposes. In addition, students will prepare for college entrance exams through a series of daily activities.

Course #128 - AP English Language and Composition**Credit Earned: 1.0****Prerequisite: Junior, Department Placement, Contract Required**

This college level course is reading and writing intensive and includes special emphasis on analysis of the rhetorical elements of language, the synthesis of multiple sources to serve a common purpose, and the formulation of persuasive arguments. This course is not a literature class but a study of the English language. To conduct such a study, students read and annotate primarily non-fiction texts written from a variety of points of view, some of which might be controversial, to better perceive how they themselves might fashion language to participate in an evidence-based discourse. Students engage in a rigorous study of advanced grammar and syntax. Students are expected to regularly apply their own rhetorical strategies to achieve the purpose dictated by the specific occasion. The advanced nature of this course requires thoughtful commitment and demands extensive reading. Students are required to take the Advanced Placement Examination in May.

Course #131 - American Literature Advanced**Credit Earned: 1.0****Prerequisite: Junior, Department Placement**

In this advanced level course, students survey American works and authors from the country's beginnings through contemporary society. This course prepares the student for specific writing experiences such as exposition and rhetorical analysis of literary works as well as providing speaking and listening opportunities, vocabulary development, research skills, and college entrance exam strategies.

Course #132 - American Literature**Credit Earned: 1.0****Prerequisite: Junior, Department Placement**

This course is designed to provide continued reinforcement of basic language skills through a survey of American works and authors from the country's beginnings through contemporary society. This course prepares the student for specific writing experiences such as exposition and rhetorical analysis of literary works as well as providing speaking and listening opportunities, vocabulary development, research skills, and test-taking strategies.

Course #140 - AP English Literature and Composition**Credit Earned: 1.0****Prerequisite: Senior, Department Placement, Contract Required**

This college level course incorporates careful reading and in-depth analysis of British and world literature through discussion, analytical essays, and online activities. The advanced nature of this course demands thoughtful commitment and extensive reading. All students are required to take the Advanced Placement Examination in May.

Course #141 - British Literature Advanced**Credit Earned: 1.0****Prerequisite: Senior, Department Placement**

This class provides a chronological approach to the study of the literature, history, and culture of Great Britain. Students hone their literary analysis skills through various modes of expression while continuing their vocabulary, listening, and speaking skills development.

Course #142 - British Literature**Credit Earned: 1.0****Prerequisite: Senior, Department Placement**

This class provides augmentation of language and writing skills through a chronological approach to the study of literature, history, and culture of Great Britain. Students will continue to hone their literary analysis skills through various modes of written expression while continuing their vocabulary, listening, and speaking skills development.

Course #151 - Yearbook**Credit Earned: 1.0****Prerequisite: Sophomore, Junior, or Senior, any Visual Arts course, Application Required**

In this elective course, students learn the fundamentals of publishing and journalistic writing. The students have the opportunity to apply what they learn in class by publishing the school yearbook. Class meetings outside of school time, in addition to those during the school day, are a requirement of this course. This course may be taken multiple times for credit.

Course #161 - Creative Writing**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior, Application Required**

This course is designed to encourage students to explore and exercise their creative capacities through the practice of writing. Students will write in a number of different genres, including poetry, narrative, and drama. This course affords the opportunity for self-expression, promotes critical thinking, and expands the imagination. Through reading and writing, students will explore the nature of literal and figurative language and its various effects on the reader. Students will regularly engage in intensive group workshops, and thereby become critics of their own work and the work of their peers. Students will be required to keep a portfolio of their work and may be asked to submit one or more of their pieces for publication in Panorama.

Course #164 - Mythology and Classic Archetypes**Credit Earned: .5****Prerequisite: Junior or Senior, Application Required**

The course is designed to provide an overview of specific mythological themes and stories, with emphasis on the Greek and Roman pantheons but with frequent excursions into myths of other cultures. Students will study myths related to creation, the flood, the natural world, gods, goddesses, spirits, the hero, places, objects, the end of the world, and the afterlife. They will explore similarities among myths of different cultures, and trace influences of myths on our culture today. Students will be expected to learn a basic body of knowledge, but will be encouraged to explore beyond this into themes and stories that hold special interest for them. Each student will be expected to create a scrapbook, which will include aspects of present-day culture that have been influenced by myths. Each student will also be expected to complete classwork, short essays and/or reflections, and several individual and group projects.

Course #172 - Multimedia Journalism**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior, Application Required**

Multimedia Journalism students will focus on all forms of current journalistic media production, including broadcast production (The BT Morning News Show), podcasting, and digital written formats. The course includes the production combination of recorded and live newscasts in the Blessed Trinity Network Studio, incorporating onsite interviews and coverage of events. Students will engage in the following: practice journalistic skills including, but not limited to, reporting, producing, directing, writing scripts, etiquette, interviewing, editing, graphic designs, camera, lighting, sound, and story coverage; learn a variety of media, audio, animation, and graphic design programs; build valuable social media skills to enhance all types of marketing products; students will integrate print and online journalism skills in order to accurately and ethically report campus-wide news to the Blessed Trinity community. Students are permitted to take this course multiple times.



SOCIAL STUDIES DEPARTMENT

SOCIAL STUDIES DEPARTMENT PHILOSOPHY:

The purpose of the Social Studies Department is to direct the development of reflective, competent, and concerned citizens with a local as well as global perspective. In addition to building content knowledge of significant historical people, events, and trends, the department is focused on developing the historical thinking skills necessary to analyze a variety of historical evidence and develop arguments of explanation and solution to issues facing the world. Using the content knowledge of history and analytical skills, students will be able to use their Catholic values to make informed decisions within their spheres of relationships. These relationships include: the global community, the United States, the local community, the Catholic Church and the family. The students learn their rights and responsibilities within these relationships in order that they may live according to truth and justice.

We understand that we serve students with a wide range of talents in many different areas. The curriculum is presented by a variety of methods and in a manner that strengths may be encouraged and weaknesses improved. Students attain a repertoire of skills necessary to succeed in all areas of liberal arts education at the college level.

Course Sequence:

- 9th: American Government → Ancient Civilizations or
AP US Government & Politics (placement) or
AP Human Geography (placement)**
- 10th: World History or AP World History**
- 11th: United States or History AP US History**
- 12th: *Economics or *AP Microeconomics or *AP Macroeconomics and
#Modern US History & Government or 1 credit of elective(s)**

*These economics courses are one-semester courses that may be taken in either order.

#If no government course was previously taken as a freshman.

Electives:

- Modern US History & Government** (one semester - seniors) *meets Government graduation requirement*
- AP United States Government and Politics** (one semester - seniors) *meets Government graduation requirement*
- AP Comparative Government and Politics** (one semester - seniors) *meets Government graduation requirement*
- AP Macroeconomics** (one semester - seniors) *meets Economics graduation requirement*)
- AP Microeconomics** (one semester - seniors) *meets Economics graduation requirement*
- AP Psychology** (two semester course)
- AP African American Studies** (two semester course)
- AP European History** (one semester course)

SOCIAL STUDIES COURSES

Four credits of Social Studies are required for Graduation, or .5 credit for each semester enrolled at Blessed Trinity.

Course #205 - AP Human Geography

Credit Earned: 1.0

Prerequisite: Freshman, Department Placement

This course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Also, students learn about the methods and tools geographers use in their science and practice. The course requires that students use critical analysis to evaluate a variety of material including verbal descriptions, maps, graphs, photographs, and diagrams. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #215 - Ancient Civilizations Adv: Prehistory - A.D. 1500**Credit Earned: .5****Prerequisite: Freshman, Department Placement**

This course is designed to provide students with an understanding of the base upon which modern civilization is built. The course begins with a brief introduction to prehistoric discoveries and the development of civilizations. The course focuses on the civilizations of the ancient world beginning in Mesopotamia and continuing through the rise and fall of the Roman Empire. Within the scope of this course, the students examine the religious, cultural, economic, and political events that shaped the ancient world and relate these historical facts to the modern world. The course also introduces students to reading and analyzing primary documents, reinforces analysis of historical evidence and develops argumentative writing.

Course #216 - Ancient Civilizations: Prehistory - A.D. 1500**Credit Earned: .5****Prerequisite: Freshman, Department Placement**

This course is designed to provide students with an understanding of the base upon which modern civilization is built. The course begins with a brief introduction to prehistoric discoveries and the development of civilizations. The course focuses on the civilizations of the ancient world beginning in Mesopotamia and continuing through the rise and fall of the Roman Empire. Within the scope of this course, the students examine the religious, cultural, economic, and political events that shaped the ancient world and relate these historical facts to the modern world. The course emphasizes vocabulary, reading comprehension, and historical analysis and writing skills.

Course #240F/S - AP United States Government and Politics**Credit Earned: 1.0****Prerequisite: Freshman, Department Placement**

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. All students are required to take the Advanced Placement Examination in May.

Course #246 - American Government Advanced**Credit Earned: .5****Prerequisite: Freshman**

This course is designed to provide students with an understanding of the historical foundations of political systems, the development of the concept of citizenship and the ideological basis for the development of new political systems over time. The second part of the course examines the principles upon which the U.S. government is built and an analysis of the structure and function of the U.S. government under the US Constitution. The primary purpose of the course is understanding the processes of the United States government intended to maintain a balance of power between the federal and state government as well as understanding the rights and duties of US citizens in the political process. The course introduces the students to reading and analyzing primary documents and reinforces evaluation and writing skills.

Course #247 - American Government**Credit Earned: .5****Prerequisite: Freshman**

This course is designed to provide students with an understanding of the historical foundations of political systems, the development of the concept of citizenship and the ideological basis for the development of new political systems over time. The second part of the course examines the principles upon which the U.S. government is built and an analysis of the structure and function of the U.S. government under the US Constitution. The primary purpose of the course is understanding the processes of the United States government intended to maintain a balance of power between the federal and state government as well as understanding the rights and duties of US citizens in the political process. The course introduces the students to reading and analyzing primary documents and reinforces evaluation and writing skills.

Course #220 - AP World History: Modern**Credit Earned: 1.0****Prerequisite: Sophomore, Contract and Application Required**

This course focuses on developing students' understanding of world history from approximately 1200 CE to the present, beginning with a study of the civilizations in Africa, the Americas, and Asia that are foundational to the modern era. This college-level course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #221 - World History Advanced: A.D. 1500 - Present**Credit Earned: 1.0****Prerequisite: Sophomore, Department Placement**

This course focuses on developing students' understanding of world history from approximately 1500 A.D. to the present. Students will investigate the content of world history for significant events, individuals, developments, and processes in six historical periods and in four major geographical regions of the globe: Africa, the Americas, Asia, and Europe. This course supports the development and application of historical thinking skills, including analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation. Students will apply historical thinking skills in short answers and essay format.

Course #222 - World History: A.D. 1500 - Present**Credit Earned: 1.0****Prerequisite: Sophomore, Department Placement**

This course focuses on developing students' understanding of world history from approximately 1500 A.D. to the present. Students will investigate the content of world history for significant events, individuals, developments, and processes in six historical periods and in four major geographical regions of the globe: Africa, the Americas, Asia, and Europe. This course introduces the development and application of historical thinking skills, including analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation. This course emphasizes critical reading and writing skills necessary to analyze historical data and write effective essays.

Course #230 - AP United States History**Credit Earned: 1.0****Prerequisite: Junior, Contract and Application Required**

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and events in United States history. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #231 - United States History Advanced**Credit Earned: 1.0****Prerequisite: Junior, Department Placement**

This course is designed to provide students with the content knowledge necessary and historical thinking skills to deal critically with the events, issues, and trends facing the United States government and American society. The students examine the political, economic and cultural events of United States history from approximately 1491 to the present day. This course emphasizes an understanding of the principles upon which the U.S. government is built, the structure and function of the U.S. Constitution, and the role of U.S. citizens in participating in government. In addition, this course develops historical thinking skills developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change, emphasizes analysis of primary documents, and stresses historical writing skills.

Course #232 - United States History**Credit Earned: 1.0****Prerequisite: Junior, Department Placement**

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and events in United States history. The students examine the political, economic, and cultural events of United States history from approximately 1491 to the present day. This course emphasizes an understanding of the principles upon which the U.S. government is built, the structure and function of the U.S. Constitution, and the role of U.S. citizens in participating in government. In addition, this course introduces historical thinking skills developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change, conducts analysis of primary documents and develops historical writing skills.

Course #240A - AP United States Government and Politics**Credit Earned: .5****Prerequisite: Senior, Contract and Application Required**

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. All students are required to take the Advanced Placement Examination in May.

Course #241 - Modern U.S. History and Government**Credit Earned: .5****Prerequisite: Senior**

This course is designed to provide students with an in-depth understanding of the structure and processes of the United States government under the US Constitution in the context of significant events in US history and government policies instituted in the most recent 50 years. The course also provides students the opportunity to apply their knowledge of the political processes of the government (amendment, legislative, and electoral processes) and actions of political parties and interest groups to current issues. The class will engage in individual and collaborative project-based learning to enhance skills required for historical research, analytical thinking and use of technology in real world applications. The primary purpose of the course is to develop the skills necessary to participate as a US citizen in the political process with the understanding of the historical context and multiple perspectives in the 21st century. Further, students will consider the role of the Catholic Church alongside each historical trend and current event facing America.

Course #250 - AP Macroeconomics**Credit Earned: .5****Prerequisite: Senior, Contract and Application Required**

This college level course is designed to give students an understanding of the principles of economics that apply to an economic system as a whole. The course begins with a review of basic economic concepts and then focuses on the study of national income and price determination. Students also develop an understanding of economic performance measures: the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #251 - AP Microeconomics**Credit Earned: .5****Prerequisite: Senior, Contract and Application Required**

This college level course is designed to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #254 - Economics Advanced**Credit Earned: .5****Prerequisite: Senior, Department Placement**

This course is designed to provide students with an understanding of the principles of economics on the microeconomic and the macroeconomic levels. The course begins with an introduction to the concept of economics and an examination of the American economic system. The students learn and apply the tools of microeconomics including the supply and demand model and market structures. In addition, the course identifies the different types and characteristics of business organizations and analyzes current labor market trends. Students will learn and analyze the tools and measures used in macroeconomics including the American banking system, the basic measurements of economic performance, monetary and fiscal policy, and international trade. Students create and utilize graphs, charts, and data to analyze, describe, and explain economic concepts.

Course #255 - Economics**Credit Earned: .5****Prerequisite: Senior, Department Placement**

This course is designed to provide students with a basic understanding of the principles of economics on the microeconomic and macroeconomic levels. The course begins with an introduction to the concept of economics and an examination of the American economic system. The students learn the tools of microeconomics including the supply and demand model and market structures. In addition, the course identifies the different types and characteristics of business organizations and discusses current labor market trends. The course also provides the student with an overview of macroeconomics with topics including the American banking system, the basic measurements of economic performance, monetary and fiscal policy, and international trade. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Course #260 - AP Psychology**Credit Earned: 1.0****Prerequisite: Senior, Contract and Application Required**

This college level elective course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #265 - AP African American Studies**Credit Earned: 1:0****Prerequisite: Sophomore, Junior, or Senior, Contract and Application Required**

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievement of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. All students are required to take the Advanced Placement Examination in May.

Course #242 - AP Comparative Government and Politics**Credit Earned: .5****Prerequisite: Junior or Senior, Contract and Application Required**

This college level course introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #275 - AP European History**Credit Earned: .5****Prerequisite: Junior or Senior, Contract and Application Required**

AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation. All students are required to take the Advanced Placement Examination in May.



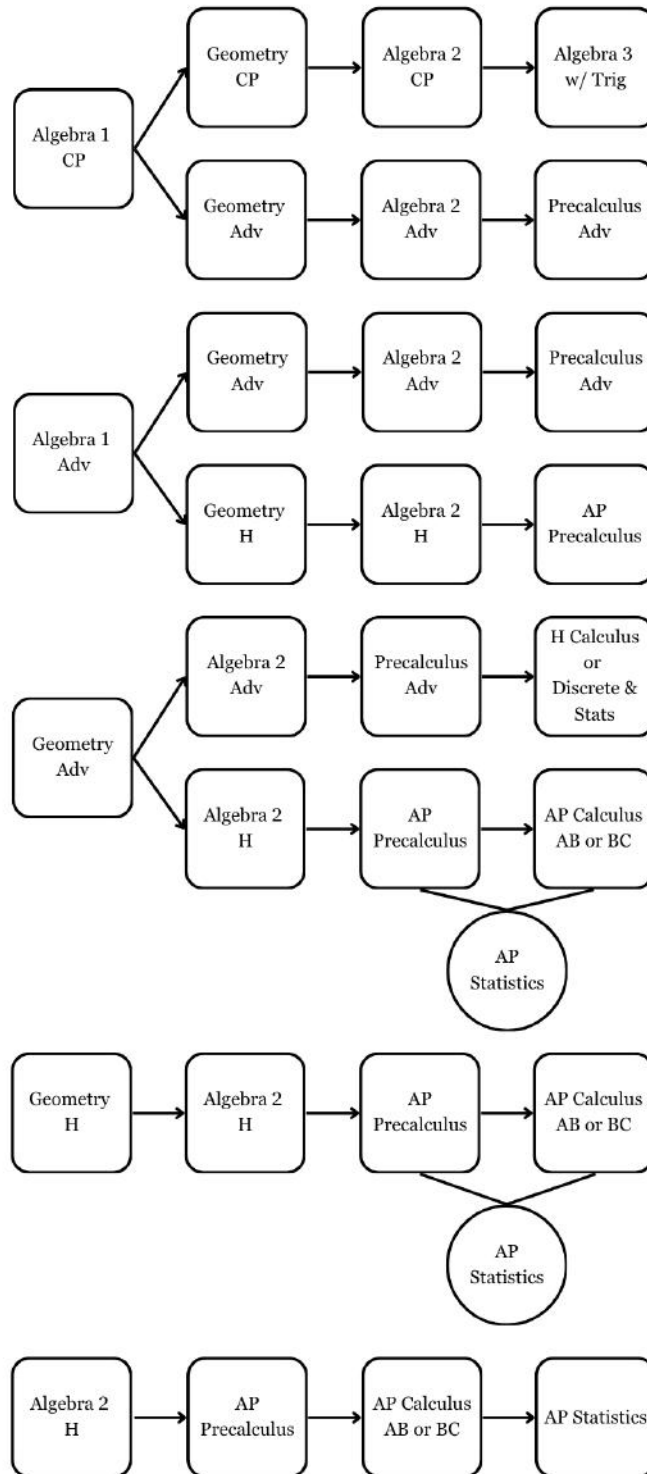
MATHEMATICS DEPARTMENT

MATHEMATICS DEPARTMENT PHILOSOPHY:

The Mathematics Department provides a multi-level college preparatory curriculum that stresses logical reasoning, problem solving and applications to real world situations. Through a variety of instructional methods, the teachers nurture each student in their mathematics as well as their spiritual and social growth and development.

MATHEMATICS COURSES

Four credits of Mathematics are required for Graduation, or .5 credit for each semester enrolled at Blessed Trinity.



Course Sequence:

College Prep: Algebra 1 → Geometry → Algebra 2 → Algebra 3 with Trigonometry

**Advanced: Algebra 1 → Geometry → Algebra 2 → Precalculus/AP Precalculus or
Geometry → Algebra 2 → Precalculus/AP Precalculus → (Calculus Part 1 H paired with
Calculus Part 2 H or Discrete Math) or (Statistics paired with Discrete Math) or AP Calculus AB**

Honors: Geometry → Algebra 2 → AP Precalculus → AP Calculus AB or AP Calculus BC

Electives:

Discrete Math

Statistics

AP Statistics

Course #311 - Algebra 1 Advanced

Credit Earned: 1.0

Prerequisite: Department Placement

This advanced level course provides the foundation of Algebra skills necessary for future math courses. Topics covered include simplifying expressions involving integers, variables, radicals, systems of equations, solving linear and quadratic equations, graphing and writing linear equations, solving and graphing linear inequalities, solving absolute value equations, polynomial operations, and factoring polynomials. Also covered is some statistical analysis of data using mean, median, mode, range, variance, regression, and standard deviation. Students are also introduced to different representations of data, such as dot plots, histograms, and scatter plots, and how to interpret and analyze that data.

Course #312 - Algebra 1

Credit Earned: 1.0

Prerequisite: Department Placement

This course is designed for students who need reinforcement of analytical and Pre-Algebra skills and introduces students to the Algebra skills necessary for future math courses. Topics covered include simplifying expressions involving integers, variables, radicals, solving linear and quadratic equations, graphing and writing linear equations, solving and graphing linear inequalities, solving absolute value equations, polynomial operations, and factoring polynomials. Also covered is some basic statistical analysis of data using mean, median, mode, range, and probability and odds. Students are also introduced to different representations of data, such as dot plots, histograms, and scatter plots and how to interpret and analyze that data. A variety of instructional techniques are used to reach multiple learning styles. Emphasis is placed on organizational skills, properly showing work, and study skills to ensure success that will be valuable in all math classes.

Course #320 - Geometry Honors

Credit Earned: 1.0

Prerequisite: Algebra 1 Adv, Department Placement, Contract Required (if taken by a sophomore)

This honors level course is an enriched geometry program with an emphasis on proofs, higher order thinking, and using logic to solve various types of problems. In this two-semester course, students learn and apply geometric concepts, theorems, and postulates. Both inductive and deductive reasoning are utilized to reach conclusions. Topics covered include proofs, constructions, triangles, perpendicular and parallel lines, polygons, the Pythagorean Theorem, circles, area, volume, and coordinate geometry. Statistics topics that are covered include finding and applying mean, median, mode, and standard deviation. The interpretation of data through the use of boxplots and histograms is also covered.

Course #321 - Geometry Advanced

Credit Earned: 1.0

Prerequisite: Algebra 1, Department Placement

In this advanced level course, students learn and apply algebraic concepts in geometric situations, as well as definitions, theorems, and postulates. Inductive and deductive reasoning processes are utilized to reach conclusions. Topics covered include basic geometric concepts, proofs, congruent triangles, lines in a plane, perpendicular and parallel lines, polygons, the Pythagorean Theorem, similarity, circles, area, surface area, volume, and coordinate geometry. Additional topics covered include statistical analysis of data using mean, median, mode, range, variance, regression, and standard deviation. Students are also introduced to different representations of data, such as dot plots, histograms, bell curves, and scatter plots, and how to interpret and analyze that data.

Course #322 - Geometry**Credit Earned: 1.0****Prerequisite: Algebra 1, Department Placement**

This course is designed for students to learn and apply geometric concepts, definitions, and theorems. Inductive and deductive reasoning processes are utilized to reach conclusions. In this course, there is less emphasis on formal proofs, and more emphasis on creating the logical order of proving and defending information. The students gain critical thinking skills to prepare them for higher mathematics courses. Topics covered include basic geometric concepts, congruent triangles, lines in a plane, perpendicular and parallel lines, polygons, the Pythagorean Theorem, similarity, circles, area, surface area, and volume. The students analyze various statistical concepts of mean, median, and mode, as well as extend their knowledge to understand standard deviation and sampling. A variety of instructional techniques are used to reach multiple learning styles.

Course #330 - Algebra 2 Honors**Credit Earned: 1.0****Prerequisite: Algebra 1, Geometry Adv or Honors, Department Placement, Contract Required**

This honors level course is a fast-paced course emphasizing higher-order thinking skills and problem solving in preparation for higher levels of mathematics such as Precalculus and Calculus. Topics covered in this course include equations and inequalities, matrices, conic sections, and sequences and series. Also covered is the study of functions, including linear, quadratic, absolute value, piecewise, radical, rational, exponential, and logarithmic. Students learn to graph, analyze, solve equations and apply these functions to real world situations. Students also learn to perform basic data analysis using statistics and use probability to predict the likelihood of events.

Course #331 - Algebra 2 Advanced**Credit Earned: 1.0****Prerequisite: Algebra 1, Geometry, Department Placement**

This advanced level course provides a foundation for higher-level math courses, such as Precalculus and Calculus. The primary focus of this class is to develop an understanding of families of functions including linear, quadratic, absolute value, piecewise, radical, rational, exponential, and logarithmic. Students learn to graph, analyze, solve equations, and apply these functions to real world situations. The course also includes various statistical concepts. The students further their analysis of mean, median, mode, and standard deviation, apply the normal bell curve, and utilize the empirical rule.

Course #332 - Algebra 2**Credit Earned: 1.0****Prerequisite: Algebra 1, Geometry, Department Placement**

This course is designed to review and develop the beginning Algebra topics and to continue covering intermediate Algebra topics through a variety of activities and skills practice. The topics emphasized are linear equations and functions, systems of equations, quadratic functions, polynomial functions, and radicals. Students use linear and quadratic regressions to model data and make predictions. Additionally, students utilize measures of central tendency and measures of dispersion to describe data sets. They also use box-and-whisker plots and histograms to represent data graphically. A variety of instructional techniques are used to reach multiple learning styles.

Course #335 - Algebra 3 with Trigonometry**Credit Earned: 1.0****Prerequisite: Algebra 2, Department Placement**

This course reinforces major algebraic concepts and introduces students to advanced mathematical topics with emphasis on problem solving and its practical application. Topics include the basics of combinatorics and analyzing characteristics of logarithmic, exponential, rational, and trigonometric functions.

Course #341 - Precalculus Advanced**Credit Earned: 1.0****Prerequisite: Algebra 2 Adv or Honors, Department Placement**

This advanced level course is designed to prepare students for advanced mathematics, including Calculus. Analytic thinking, graphical analysis, as well as skills from Algebra 2 are all equally utilized throughout this course. Students continue their study of functions from Algebra 2 while learning several more families of functions. The functions emphasized are polynomial, rational, power, exponential, logistic, logarithmic, and trigonometric.

Course #345 - AP Precalculus**Credit Earned: 1.0****Prerequisite: Algebra 2 Adv or Honors, Department Placement, Contract Required**

AP Precalculus is an advanced study of functions, analytic geometry, and an introduction to calculus concepts. This course provides a foundation for higher-level math courses, specifically Calculus. Application and critical thinking is emphasized, and mastery of Algebra 2 skills is a necessity. Students continue their study of functions from Algebra 2. The functions emphasized are polynomial, rational, power, exponential, logistic, logarithmic, and trigonometric. Additional topics include vectors, sequences and series, parametric and polar equations, conic sections, and an introduction to limits. All students are required to take the Advanced Placement Examination in May.

Course #350 - AP Calculus AB**Credit Earned: 1.0****Prerequisite: Precalculus Adv or AP Precalculus, Department Placement, Contract Required**

Calculus AB is a college level course in single-variable calculus which includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. All students are required to take the Advanced Placement examination in May.

Course #354 - Discrete Math**Credit Earned: .5****Prerequisite: Precalculus Adv or Algebra 3 with Trig, Department Placement**

Discrete Mathematics involves the study of objects and ideas which can be divided into separate or discontinuous parts. Topics covered include: Problem-solving, reasoning, communication, and decision-making as they relate to voting methods, weighted voting systems, fair division and apportionment of land or assets, introduction to graph theory, and financial applications.

Course #355 - Statistics**Credit Earned: .5****Prerequisite: Algebra 2 Adv, Department Placement**

This semester course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics covered include regression and correlation, elementary probability theory, binomial and normal distributions, hypothesis testing, and confidence intervals. Students use graphing calculators and computers as aids in exploring and organizing data.

Course #356F - Calculus Part 1 Honors**Credit Earned: .5****Prerequisite: Precalculus Adv or AP Precalculus, Department Placement, Contract Required**

This is a one-semester non-AP introduction to differential Calculus, but does not prepare students to take the AP Calculus exam. This semester-long honors level course introduces students to the advanced mathematical concepts of limits, derivatives, higher-order derivatives, curve sketching, optimization, and the physics of motion.

Course #357S - Calculus Part 2 Honors**Credit Earned: .5****Prerequisite: Calculus Part 1, Department Placement, Contract Required**

This course is a one-semester non-AP continuation of course #352. This class is for those students who want a full year of calculus, without the rigor of an AP course. The topics covered in this second-semester class include techniques and applications of integration as well as the Fundamental Theorem of Calculus.

Course #360 - AP Statistics**Credit Earned: 1.0****Prerequisite: Geometry Adv or Geometry Honors, Contract and Application Required**

This college level course introduces students to the science of making decisions in the face of uncertainty. The course is divided into four main parts: exploring data, experimental design, anticipating patterns, and statistical inference. All students are required to take the Advanced Placement examination in May.

Course #370 - AP Calculus BC**Credit Earned: 1.0****Prerequisite: AP Precalculus, Department Placement, Contract Required**

Calculus BC is a college level course in single-variable calculus that covers all of the topics from Calculus AB plus a number of additional topics, including parametric, polar, and vector functions, improper integrals, infinite series, and polynomial approximations of functions. Algebraic, numerical, and graphical representations are emphasized throughout the course. All students are required to take the Advanced Placement examination in May.



SCIENCE DEPARTMENT

SCIENCE DEPARTMENT PHILOSOPHY:

The purpose of the Science Program at Blessed Trinity Catholic High School is to develop students' respect for the order and beauty of God's creation, an awareness of the forces that shape our physical and biological world, and a sense of personal responsibility for the direction science and technology will take in the course of their lives.

The science program provides students with a method of acquiring, organizing, analyzing, and explaining scientific information. Professionalism, ethics, critical thinking, decision-making skills, and retention of core curricula are stressed throughout the student's scientific studies at Blessed Trinity.

Faculty strive to remain current on scientific developments, work to address the individual needs of the students by utilizing various teaching methods, and encourage scientific curiosity and growth among the students.

Course Sequence:

- 9th: **Biology**
- 10th: **Intro. to Chemistry/Principles of Physics or Chemistry**
- 11th: **Chemistry (if not taken in 10th) or Physics or 1 Science Elective**
- 12th: **Physics (if not taken in 11th) or 1 Science Elective**

Electives:

- AP Chemistry**
- AP Physics C: Mechanics**
- AP Biology**
- AP Environmental Science**
- Anatomy and Physiology**
- Earth Science: Geology/Astronomy**
- Earth Science: Oceanography/Meteorology**
- AP Physics 1**
- Physics Honors**
- Physics**

SCIENCE COURSES

Four credits of Science are required for Graduation.

Course #420 - Biology Honors

Credit Earned: 1.0

Prerequisite: Department Placement

This honors level course is designed to teach students the concepts of an introductory biological science course while emphasizing the relationships between the topics covered. Topics of an introductory course include the detailed workings of the cell, the chemistry and genetic basis of life, evolution and diversity, animal and plant metabolism, techniques in biological research, as well as animal behavior and ecology. The course attempts to touch all learning styles through lecture, group activities, and labs.

Course #421 - Biology Advanced

Credit Earned: 1.0

Prerequisite: Department Placement

This advanced level course is designed to teach students the concepts of an introductory biological science course. Topics of an introductory course include the detailed workings of the cell, the chemistry and genetic basis of life, evolution and diversity, animal and plant metabolism, techniques in biological research, as well as animal behavior and ecology. The course attempts to touch all learning styles through lecture, group activities, and labs.

Course #422 - Biology

Credit Earned: 1.0

Prerequisite: Department Placement

This course is designed to teach students the framework of basic biological concepts as in Course #421, while working at a slower pace and with a less-detailed unit structure. Lab techniques/reports are included.

Course #424 - Introduction to Chemistry**Credit Earned: .5****Prerequisite: Biology, Department Placement**

An introduction to the study of chemistry, this one-semester course enhances the student's understanding of the chemical properties of matter, periodicity, and bonding. The course utilizes the laboratory as a reinforcement tool to further understand the concepts presented and prepares students for the full-year required chemistry course the following year. The students also learn the proper usage of laboratory equipment, laboratory safety, and the writing of laboratory reports.

Course #428 - Principles of Physics**Credit Earned: .5****Prerequisite: Biology, Department Placement**

The companion course to Introduction to Chemistry, this one-semester introduction to the study of physics explores the foundational principles of the physical world through the lens of sports and human movement. Students deepen their understanding of the connections between physics and mathematics through the study of linear Newtonian mechanics, energy, force, acceleration, and electric charge. Real-world applications from a variety of sports are used to illustrate key concepts, making abstract ideas more relevant and engaging. Laboratory investigations — often involving motion analysis, force measurements, and energy calculations from athletic scenarios — reinforce classroom instruction. Students also gain experience with proper laboratory equipment usage, safety protocols, and scientific reporting. This course satisfies the physics requirement and provides strong preparation for the full-year physics course, should students choose to pursue it.

Course #430 - Chemistry Honors Credit Earned: 1.0**Prerequisite: Biology, Enrollment in Algebra 2 Adv or Algebra 2H, Department Placement, Contract Required**

This honors level course is designed to emphasize chemical concepts and focus on the application of those concepts in problem solving. This course of study is geared to enhance a student's critical thinking skills and develop independent investigation of chemical concepts and principles.

Course #431 - Chemistry Advanced**Credit Earned: 1.0****Prerequisite: Biology, Enrollment in Algebra 2, Department Placement**

This advanced level course is designed to introduce the concepts and laboratory techniques of importance in the study of chemistry. Throughout the course, students are given the opportunity to develop critical thinking skills by applying knowledge of concepts to problem solving and experimentation.

Course #432 - Chemistry**Credit Earned: 1.0****Prerequisite: Biology, ITC/POP, Enrollment in Algebra 2, Department Placement**

This course is designed to introduce the basic concepts and laboratory techniques of importance in the study of chemistry. The course focuses on the quantitative and qualitative application of chemistry. Throughout the course, the students are given the opportunity to practice developing critical thinking skills by applying knowledge of concepts to problem solving and experimentation. The course further serves to enhance and improve basic algebraic skills of the student.

Course #440 - AP Chemistry**Credit Earned: 2.0****Prerequisite: Chemistry, Algebra 2, Contract and Application Required**

This is a first year college chemistry course that emphasizes chemical calculations and the mathematical formulation of chemical principles. It enhances and develops many chemical laboratory techniques and safety procedures. The course also stresses the student's ability to understand, apply, and explain chemical concepts. The course is scheduled as a double block and thus meets for a full block every day. All students are required to take the Advanced Placement Examination in May.

Course #441 - Anatomy and Physiology**Credit Earned: 1.0****Prerequisite: Junior or Senior, Application Required**

This course includes a detailed study of the major organ systems and chemical processes within the human body. Students are given the opportunity to explore the organ system through dissection of animal organisms and tissues. The course also integrates current medical and science research topics throughout the curriculum. Dissection labs are an integral component of the Anatomy curriculum at Blessed Trinity. As this is an elective course, participation in dissections is required.

Course #446 - Earth Science: Geology/Astronomy**Credit Earned: .5****Prerequisite: Junior or Senior, Application Required**

This single semester class is designed to provide students with an understanding of land-based geology together with astronomy and space science. Geology topics to be covered include multiple theories explaining earthquakes, seismic monitoring using modern equipment, plate tectonics, and volcanoes. Astronomical topics include discussion of stars, black holes, planetary systems, the moon, the inner and outer solar system, and assorted NASA imagery.

Course #447 - Earth Science: Oceanography/Meteorology**Credit Earned: .5****Prerequisite: Junior or Senior, Application Required**

This single semester class is designed to provide students with an understanding of the dynamic processes and interconnectedness of Oceanography and Meteorology. Oceanographic topics covered include historical oceanography, plate tectonics, the hydrologic cycle, properties of ocean water and ocean circulation. Meteorological topics covered include the structure and characteristics of the atmosphere, Earth/Sun relationships and their influence on the seasons, weather systems and fronts, and severe weather.

Course #450 - AP Physics C: Mechanics**Credit Earned: 1.0****Prerequisites: Biology, Chemistry, Contract and Application Required****Corequisite: AP Calculus or equivalent credit**

AP Physics C: Mechanics is a year-long, calculus-based physics course in Newtonian mechanics designed to be equivalent to a one semester college course in physics for engineering and science majors. The course applies calculus methods to explain physical principles and to solve physics problems from homework sets and lab experiments as appropriate. Lab activities are conducted frequently to allow students to observe and explain a wide variety of physical phenomena (e.g. motion, energy, momentum, oscillations). All aspects of the course depend on extensive computer use, both in and out of class. All students are required to take the Advanced Placement Examination in May.

Course #451 - AP Physics 1**Credit Earned: 1.0****Prerequisite: Algebra 2 H or Physics Honors, Contract and Application Required****Corequisite: Precalculus or higher**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore topics such as Newtonian mechanics, including rotational motion; work, energy, and power; mechanical waves and sound; electrostatics; and simple circuits. Lab activities are conducted frequently to allow students to observe and explain a wide variety of physical phenomena. All students are required to take the Advanced Placement Examination in May.

Course #453 - Physics**Credit Earned: 1.0****Prerequisite: Biology, Chemistry, Algebra 2, Department Placement**

Physics is a fundamental science concerned with the laws that govern the structure of the universe and the investigation of the properties of matter, energy, and their interactions. This course integrates science and mathematics to promote a qualitative and quantitative understanding of the physical world. Students perform laboratory activities and solve homework problems in order to enhance their comprehension of the material. Lab activities allow the students to observe and explain a wide variety of physical phenomena (e.g. motion, energy, sound, and light).

Course #454 - Physics Honors**Credit Earned: 1.0****Prerequisite: Biology, Chemistry Adv, Algebra 2 Adv; Contract Required**

Physics is a fundamental science concerned with the laws that govern the structure of the universe and the investigation of the properties of matter, energy, and their interactions. This course integrates science and mathematics to promote a qualitative and quantitative understanding of the physical world. Students perform laboratory activities and solve homework problems in order to enhance their comprehension of the material. Lab activities allow the students to observe and explain a wide variety of physical phenomena (e.g. motion, energy, sound, and light).

Course #460 - AP Biology**Credit Earned: 2.0****Prerequisite: Biology, Chemistry, Algebra 2, Contract and Application Required**

This course is a second year, college-level biology course. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The course is scheduled as a double block and thus meets for a full block every day. All students are required to take the Advanced Placement Examination in May.

Course #470 - AP Environmental Science**Credit Earned: 1.0****Prerequisite: Biology, Chemistry, Algebra 2, Contract and Application Required**

This college-level course is broadly interdisciplinary, covering topics in biology, chemistry, physics, geology, and earth science. It is designed to provide students with the scientific principles, concepts, and tools required to understand relationships in the natural world. Students learn to identify and analyze environmental problems, calculate relative risks, and examine alternative solutions for resolution and prevention of such problems facing modern society. All students are required to take the Advanced Placement Examination in May.

WORLD LANGUAGE DEPARTMENT

WORLD LANGUAGE DEPARTMENT PHILOSOPHY:

The purpose of studying a language other than one's own, whether modern or classical, is to enrich one's education both in the classroom and in the community. The study of language is not merely the study of grammar and vocabulary but also involves the study of culture, religion, society, history and geography. To learn another language is to learn about other people and to compare one's own society with that of others. The study of languages broadens the learner's perspective and helps one to place him or herself within the larger context of the world. Such studies open windows into other global communities that might not otherwise be accessible.

The teachers in the World Language Department believe that multilingualism is the way of the future in our country. Our aspirations for students are to provide them with the language tools needed to establish more relationships in and outside of their social, academic and religious groups. We hope that, by studying a language other than one's own, our students will be able to expand upon the true meaning of Catholicism (universal, broad, and comprehensive) by forming relationships with people of different cultures both past and present.

WORLD LANGUAGE COURSES

Two credits, in the same language and taken while a student at Blessed Trinity, are required for Graduation.

Course Sequence for Spanish:

- 9th: Spanish 1 or Spanish 2 (Placement Test) or Spanish 2 Honors (Placement Test)
- 10th: Spanish 2 or Spanish 2 Honors or Spanish 3 or Spanish 3 Honors
- 11th: Spanish 3 or Spanish 3 Honors or *Spanish 4 Honors
- 12th: Spanish 4 Honors or AP Spanish Language/Culture

Students cannot skip a level in this sequence.

***With departmental approval, some high achieving students may forgo Spanish 4 Honors and be placed in the AP Spanish Language/Culture.**

Course #511 - Spanish 1

Credit Earned: 1.0

Prerequisite: Department Placement

This course focuses on acquiring the basic skills in vocabulary, grammar, syntax, and culture. It assumes that the students have minimal or no prior knowledge of the language and culture. It presents simple real-life situations in the target language to expose the students to understand the culture and the people who speak the language. Incrementally, Spanish is introduced as a mode of communication in class. Teachers will also use level-appropriate grammar including present and past tense verbs. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #516 - Spanish 2 Honors

Credit Earned: 1.0

Prerequisite: Spanish 1, or Department Placement, Contract Required (unless taken by a freshman)

This course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. It assumes that the students have completed a first-year course or are at a Novice-Mid to Novice-High level of proficiency. Students use basic language structures with accuracy and recombine learned material to express their thoughts. They are exposed to more complex features of the language, moving from concrete to some abstract concepts. Teachers will also use level-appropriate grammar including the present, past, and an introduction to the future tense. An important component of language classes is the use of the language beyond the classroom in the real world. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #517 - Spanish 2

Credit Earned: 1.0

Prerequisite: Spanish 1, or Department Placement

This course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. It assumes that the students have completed a first-year course or are at a Novice-Mid level of proficiency. Increasing vocabulary acquisition is a focus as well as adding more complex grammatical structures. The past tenses are practiced at length. Cultural aspects of Spanish-speaking countries are studied. A major goal of this course is to expand skills for the students to use the language beyond the classroom in the real world. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #520 - Spanish 3**Credit Earned: 1.0****Prerequisite: Spanish 2, or Department Placement**

This course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. It assumes that the students have completed Spanish II or have demonstrated an Intermediate-Low to Intermediate-Mid level of proficiency. This course is conducted at about 50% in the Spanish language. It continues to build on the two previous levels in communicating in Spanish orally and in written form. Cultural aspects of Spanish-speaking countries are studied. Excerpts from short novels are read, and cultural topics are studied in Spanish. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #522 - Spanish 3 Honors**Credit Earned: 1.0****Prerequisite: Spanish 2 / Spanish 2 Honors, or Department Placement, Contract Required**

This course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. It assumes that the students have completed Spanish 2 or have demonstrated an Intermediate-Mid to Intermediate-High level of proficiency. Students expand their communicative skills by manipulating complex features of the language, including abstract concepts. They will focus on various topics with a continued emphasis on the practical use of language, using more advanced vocabulary and grammatical structures including past, present, and future tense. The imperative and subjunctive moods will be integrated. An important component of these upper-level language classes is the use of the language beyond the classroom in the real world. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #525 - Spanish 4 Honors**Credit Earned: 1.0****Prerequisite: Spanish 3 / Spanish 3 Honors, or Department Placement, Contract Required**

This course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. It assumes that the students have successfully completed Spanish 3 or have demonstrated an Intermediate-High level of proficiency. Readings reinforce content-based instruction, culture, and higher-level vocabulary acquisition emphasizing the practical use of the language. Students expand their communicative skills by manipulating complex features of the language, including abstract concepts. Authentic literature is read and discussed. An important component of these upper-level language classes is the use of the language beyond the classroom in the real world. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #526 - AP Spanish Language and Culture**Credit Earned: 1.0****Prerequisite: Spanish 4H or Department Placement, Contract Required**

AP Spanish is designed for self-motivated students committed to serious study in Spanish. A reasonable proficiency in all four language skills is expected at the outset of this college-level course. The course encompasses advancing comprehension in formal and informal Spanish and reading newspapers, magazines, and literature. There is a focus on the composition of expository passages as well as accurate and fluent oral expression. The course follows the curriculum set by the College Board and is designed to prepare the students for the Advanced Placement Test in the Spring semester, which all students are required to take. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts. All students are required to take the Advanced Placement Examination in May.

Course Sequence for French:

9th: French 1 or French 2 (Placement Test) or French 2 Honors (Placement Test)

10th: French 2 or French 2 Honors or French 3 or French 3 Honors

11th: French 3 or French 3 Honors or *French 4 Honors

12th: French 4 Honors or AP French Language/Culture

Students cannot skip a level in this sequence.

***With departmental approval, some high achieving students may forgo French 4 Honors and be placed in the AP French Language/Culture.**

Course #531 - French 1

Credit Earned: 1.0

Prerequisite: Department Placement

This is a beginning-level course for students who have not taken French before. Students will acquire basic communication skills in all four modes: reading, writing, speaking and listening. French is increasingly used to communicate in class. Emphasis is on the ability to communicate in French for everyday, real-life situations. Students begin a study of Francophone cultures. They also read a short French novel along with reading excerpts to build their skills on Francophone topics. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #535 - French 2

Credit Earned: 1.0

Prerequisite: French 1, or Department Placement

This course builds on the language skills acquired in French 1. Acquisition of vocabulary and grammar continue to build toward French fluency in all four modes: reading, writing, speaking and listening. Emphasis is on expanding the ability of students to communicate in French for everyday, real-life situations. Students continue their study of Francophone cultures. One French novel is read along with other selected French readings to increase comprehension. Class is conducted in French where appropriate. It assumes that the students have completed a first-year course or are at a Novice-Mid level of proficiency. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #536 - French 2 Honors

Credit Earned: 1.0

Prerequisite: French 1, or Department Placement, Contract Required (unless taken by a freshman)

This course builds on the language skills acquired in French 1. Acquisition of vocabulary and grammar continue to build toward French fluency in all four modes: reading, writing, speaking and listening. Emphasis is on expanding the ability of students to communicate in French for everyday, real-life situations. Students continue their study of Francophone cultures. Two French novels are read along with other selected French readings to increase comprehension. The class is conducted mainly in French. It assumes that the students have completed a first-year course or are at a Novice-Mid to Novice-High level of proficiency. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #540 - French 3

Credit Earned: 1.0

Prerequisite: French 2, or Department Placement

This course is a pre-intermediate level course and is conducted mainly in French. It continues to build on the two previous levels to increase French fluency in all four modes: reading, writing, speaking, and listening. Emphasis is on expanding the ability of students to communicate in French for everyday, real-life situations. Students continue to build their knowledge of Francophone cultures by researching and presenting information in French. It assumes that the students have completed French II or have demonstrated an Intermediate-Low to Intermediate-Mid level of proficiency. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #541 - French 3 Honors

Credit Earned: 1.0

Prerequisite: French 2 / French 2 Honors, or Department Placement, Contract Required

This course is an intermediate-level course and is conducted almost entirely in French. It continues to build on the skills acquired in the previous two levels to increase French fluency in all four modes: reading, writing, speaking, and listening. Emphasis is on expanding the ability of students to communicate in French for everyday, real-life situations. Students continue to build their knowledge of Francophone cultures by researching and presenting information in French. Content from authentic literature is also studied. It assumes that the students have completed French 2 Honors or have demonstrated an Intermediate-Mid to Intermediate-High level of proficiency. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #545 - French 4 Honors

Credit Earned: 1.0

Prerequisite: French 3 / French 3 Honors, or Department Placement, Contract Required

This course is an advanced level course and is conducted entirely in French. Its focus is to guide students to French fluency in all four modes: reading, writing, speaking, and listening. Emphasis is placed on the student's ability to communicate in French for real life situations including business and career applications. Students continue to build their knowledge of French-speaking cultures by researching and presenting information in French. In this course authentic literature, news and current events, art, and history from the French-speaking world is studied and discussed. It assumes that the students have successfully completed French 3 Honors or have demonstrated an Intermediate-Mid to Intermediate-High level of proficiency. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #546 - AP French Language and Culture

Credit Earned: 1.0

Prerequisite: French 4 Honors, or Department Placement, Contract Required

A reasonable level of proficiency in all four modes of communication (reading, writing, speaking, and understanding) is expected at the outset of this college-level course. The course encompasses advancing comprehension and reading formal and informal French. Accurate and fluent oral and written expression is a major goal. Comparing and contrasting Francophone cultures is another component of the course. The course follows the curriculum set by the College Board and is designed to prepare the student for the French Advanced Placement Test in the Spring Semester, which all students are required to take. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts. All students are required to take the Advanced Placement Examination in May.



Course Sequence for Latin:

9th: Latin 1 or Latin 2 (Placement Test) or Latin 2 Honors (placement Test)

10th: Latin 2 or Latin 2 Honors or Latin 3 or Latin 3 Honors

11th: Latin 3 or Latin 3 Honors or *Latin 4 Honors

12th: Latin 4 Honors or AP Latin

Students cannot skip a level in this sequence.

***With departmental approval, some high achieving students may forgo Latin 4 Honors and be placed in the AP Latin.**

Course #552 - Latin 1

Credit Earned: 1.0

Prerequisite: Department Placement

In this course, students explore the basics of Latin grammar, syntax, and vocabulary. Students will learn to read, write, and speak basic to intermediate sentences in Latin at Novice-Mid to Intermediate-Low proficiency. The course covers cultural topics related to daily life in the Roman world. Students will also increase their knowledge of Latin's connection to English. Connections to Catholicism are also regularly emphasized throughout the course. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #554 - Latin 2 Honors

Credit Earned: 1.0

Prerequisite: Latin 1, or Department Placement, Contract Required (unless taken by a freshman)

Building upon their first-year knowledge of Latin grammar, vocabulary, and Roman culture, students will explore more topics related to life in the ancient world. Students will continue to learn to read, write, and speak more complex sentences in Latin at Novice-High to Intermediate-High proficiency. Students forge connections with further topics encountered in history courses while deepening their linguistic knowledge and preparing for further study of authentic Latin prose and poetry. Students will continue their exposure to Roman culture and history with particular attention to the rise of Christianity within the context of the Roman Empire. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #556 - Latin 2

Credit Earned: 1.0

Prerequisite: Latin 1, or Department Placement

Building upon their first-year knowledge of Latin grammar and vocabulary and Roman culture, students explore more topics related to life in the ancient world. Students will continue to learn to read, write, and speak more complex sentences in Latin at Novice-High to Intermediate-High proficiency. Students forge connections with further topics encountered in history courses while deepening their linguistic knowledge and preparing for further study of authentic Latin prose and poetry. Connections to Catholicism are also regularly emphasized throughout the course. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts.

Course #560 - Latin 3 Honors

Credit Earned: 1.0

Prerequisite: Latin 2 / Latin 2 Honors, or Department Placement, Contract Required

This course is designed to prepare students who maintain a high standard of achievement for Advanced Placement Latin. The first semester will largely be devoted to a thorough mastery of vocabulary and to an active recognition and identification of all grammatical forms relating to syntax and structure of complex sentences. In Latin 3 Honors, students will encounter an increasing exposure to original Latin works by a distinguished list of ancient authors. Students will continue to broaden their exposure to the classical world: its history, culture, and influence, as well as its transmigration into the setting of the formation and rise of Christianity and the Church. This is a multimedia course where technology is implemented to support and reinforce the mastering of concepts. Students will continue to learn to read, write, and speak more complex sentences in Latin at Intermediate-Low to Advanced-Low proficiency.

Course #562 - Latin 3

Credit Earned: 1.0

Prerequisite: Latin 2, or Department Placement

Students continue with greater attention to grammar and syntax and to the mastery of a broad base of Latin vocabulary including derivatives in English. Students also have the opportunity of working collaboratively in creating projects illustrating some aspect of Roman life: the language, the history, and/or the culture. Students will also study the impact of Latin and the Roman Empire on the formation of early Christianity and the Church. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts. Students will continue to learn to read, write, and speak more complex sentences in Latin at Intermediate-Low to Advanced-Low proficiency.

Course #565 - Latin 4 Honors**Credit Earned: 1.0****Prerequisite: Latin 3 / Latin 3 Honors, or Department Placement, Contract Required**

This course is designed to immerse students in the works of the Classical world outside of the AP curriculum. This course is for students who maintain a high standard of achievement and have a strong interest in Latin and wish to continue their studies into the Classical world. The course focuses on original Latin texts and discussions of the features of those texts. It will continue to broaden their exposure to the Classical world: its history, culture, and influence, as well as its transmigration into the setting of the formation and rise of Christianity and the Church. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts. Students will continue to learn to read, write, and speak more complex sentences in Latin at Intermediate-Mid to Advanced-Mid proficiency.

Course #570 - AP Latin**Credit Earned: 1.0****Prerequisite: Latin 3 Honors / 4 Honors, or Department Placement, Contract Required**

AP Latin is designed for self-motivated students committed to serious study in Latin, focusing on the authors listed in the AP curriculum. This college-level course is open to all students who have completed Latin 3H and demonstrated a strong potential and keen desire to meet the challenge of reading large sections from the works of Rome's famous writers. The course follows the curriculum set by the College Board and is designed to prepare the students for the Advanced Placement Test in the Spring semester. This is a multimedia course where technology is fully implemented to support and reinforce the mastering of concepts. All students are required to take the Advanced Placement Examination in May.



FINE ARTS DEPARTMENT

FINE ARTS DEPARTMENT PHILOSOPHY

The fine arts are taught at Blessed Trinity to enhance the human experience and bring about a closer, more spiritual relationship with God and the surrounding world. We provide opportunities for students to explore the arts and acquire historical and cultural knowledge while developing skills across various arts disciplines. Study of the fine arts establishes a basis from which the student's creativity may flourish, using personal expression to connect the student with the human experience.

"To the Artist: To all who are passionately dedicated to the search for new "epiphanies" of beauty so that through their creative works as artists they may offer these as gifts to the world," Pope John Paul II.

FINE ARTS COURSES

One credit of Fine Arts is required for Graduation.

The Fine Arts are divided into five focuses which are Band & Percussion, Dance, Music, Performing Arts and Visual Arts. **All Fine Arts courses require an application for Sophomores, Juniors and Seniors.**

Music:

Course #606 - Pop Music and Culture

Credit Earned: .5

Prerequisite: None

This course offers a historical examination of popular music as a reflection of 20th-century cultural, political, and economic developments. Students will engage in critical analysis of recorded and written materials to understand the complex relationship between societal change and musical production. Emphasis will be placed on research, historical context, and the evaluation of primary and secondary sources. Coursework includes written analyses, presentations, and independent and group projects that require students to synthesize cultural theory with examples from various musical eras. No prior knowledge of or experience in music is required. This course does not perform.

Course #626 - Concert Choir

Credit Earned: .5

Prerequisite: None

This ensemble is designed to help young singers enhance both their general knowledge in music as well as their music-reading and ensemble performance skills. A primary focus is on preparing music for performance, but students also study aural training, sight-singing, vocal blend, and overall tone production through the singing of a wide variety of quality choral repertoire from all time periods. This course occasionally travels to perform outside of school. This course can be taken multiple times. This course has multiple required performances.

Course #627 - AP Music Theory

Credit Earned: 1.0

Prerequisite: Junior or Senior, Contract Required

This year-long course provides serious musicians with an opportunity to study the mechanics and language of music. Students learn music notation, basic compositional and harmonic techniques, score analysis, and aural skills, including audiation and dictation. Students will learn techniques to compose original works of music. This program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses in music theory. All students are required to take the Advanced Placement Examination in May. This course does not perform.

Course #628 - Symphonic Band

Credit Earned: 1.0

Prerequisite: At least 1 year of instrumental experience on a brass/wind/percussion instrument or pre-approval by Department

Symphonic Band is a performance-based approach to the study of music. The course uses the American wind band model to teach literacy in musical notation and fundamentals through technique on woodwind and brass instruments. The course utilizes teamwork as a foundational strategy for achieving musical excellence. The Symphonic Band students study, rehearse, and perform many genres of music. This course can be taken multiple times. This course has multiple required performances

Course #668 - Introduction to Percussion**Credit Earned: .5****Prerequisite: None**

Intro to percussion is an interactive, performance based approach to instrumental music for students with no previous experience. The course explores the dual goals of basic musical literacy and practical percussion performance technique. Intro to Percussion will teach students fundamental percussion technique on melody and battery instruments. All percussion techniques are approached through a notational lens, focusing heavily on translating written musical notation into performance. This course has one required performance.

Course #669 - Advanced Percussion**Credit Earned: .5****Prerequisite: Introduction to Percussion or previous percussion experience**

A performance course for students with at least 1 semester of experience in percussion performance. The ensemble will focus on development of advanced technique on various percussion instruments. Special attention will be paid to 4-mallet "Stevens" technique, duple and triple stroke control, and timpani performance. Students will continue their study in the language of music focusing on reading more advanced literature. This course can be taken multiple times. This course has multiple required performances.

Course Number #682 - Piano & Guitar**Credit Earned : .5****Prerequisite: Sophomore, Junior, or Senior**

Students in this course will learn basic performing skills on both piano and guitar. No prior experience on either instrument needed! Students will be able to understand and read simple sheet music notation on piano as well as developing skills for playing by ear. On guitar, students will learn simple sheet music notation as well as tablature and chords. Both instruments will contain selections from the worlds of both classical and pop music. This course does not perform.

Course #6001 – Elements of Music**Credit Earned: .5****Prerequisite: None**

This course dives into the fundamental elements that form the basis of all music. Students will learn to read and analyze music. They will also learn to write their own songs in numerous styles with simple instrumentation and rhythm. Additionally, students will learn how to communicate their thoughts about different types of music and how it affects themselves and others. No prior knowledge or experience in music is required. This course does not perform.

Course #6002 – Liturgical Music**Credit Earned: .5****Prerequisite: None**

This course is designed to introduce students to the performance of mass settings and other liturgical music from a wide range of musical eras. This class is open to any musician of any skill level, beginner or master, instrumentalist or vocalist. Special attention will be paid to topics such as the history of mass music and the unique contributions made by the Catholic church to the history of music. This course performs at all BT Masses.

Course #6628 – Conservatory**Credit Earned: .5****Prerequisite: Audition Required**

Conservatory is an instrumental music course focused on developing solo players. Students will select solo repertoire to pursue over the course of the semester, concluding in a formal recital. Daily activities include individual practice time, individual coaching, master class performances, guided lessons, and "check in performances". Students will study stage presence, recital programming, concert design, all aspects of solo performance including musical critique and informed musical examination. This course can be taken multiple times. This course has one required performance.

Dance:

Course #640S - Dance Apprenticeship

Credit Earned: .5

Prerequisite: None

This semester-long course is an introduction to Blessed Trinity's dance program. The Class will build the student's creative and technical knowledge of dance, by focusing on improving technique through the study of ballet, contemporary, modern and jazz dance. This class will culminate in a student performance towards the end of the semester for classmates. There is a \$50 production fee for this course. This course can be taken multiple times. This course does not perform.

Course #642 - Intermediate Dance

Credit Earned: 1.0

Prerequisite: Audition Required

This course is designed to challenge the students' technical ability as well as enhance their creative skill. It builds upon the skills learned in Dance Apprenticeship and encourages forward mobility through the dance program. This course may be taken multiple times for credit. There is a \$100 production fee for the class. This course can be taken multiple times. This course has multiple required performances.

Course #644 - Advanced Dance

Credit Earned: 1.0

Prerequisite: Audition Required

This course is designed for the more advanced dancer. The student has the opportunity to improve upon classroom technique and body alignment while performing in various dance styles. There is a production fee of \$150 to help with the costs for costumes and other materials. This course can be taken multiple times. This course has multiple required performances.

Course #645 - Dance Company

Credit Earned: 1.0

Prerequisite: Audition Required; Sophomore, Junior or Senior

This course is designed for the most advanced dancer and has an increased emphasis on performance technique. Students have the opportunity to work with guest artists and to represent the school dance program in the community. There is a production fee of \$150 to help with the costs for costumes and other materials. This course can be taken multiple times. This course has multiple required performances.

Course #646 - Flexibility and Stress Reduction

Credit Earned: .5

Prerequisite: Sophomore, Junior or Senior

This class is open to all students, especially those who wish to increase their flexibility and range of motion. The class will use techniques from Pilates, Yoga, and other somatic practices to introduce an understanding of proper body mechanics. Utilizing core stabilization, flexibility and supportive breathing techniques to relieve and manage stress of the body and mind. There is a \$20 lab fee to cover the cost of materials. This course does not perform.



Performing Arts:

Course #633 - Stagecraft

Credit Earned: .5

Prerequisite: Sophomore, Junior or Senior

Stagecraft introduces students to a practical approach to technical and production aspects. Students learn the skills needed to construct scenery, hang and focus lighting instruments, and implement a sound system. Students are trained in the usage of tools, lumber, and machinery. Each semester students will work on the design and construction for the Theater Department's productions. Students must attend one performance where their work is on display.

Course #662 - Theater Performance

Credit Earned: .5

Prerequisite: Acting

Students will learn basic skills of performance and theater production which can be applied to future courses. Students will have the opportunity to broaden their personal skill set in musical theater, scene work and monologues. Character development, body movement, emotional interpretation and artistic insight will be developed to help students further their acting skills. Their skills will be applied to in class performances. This course does not perform.

Course #663 - Advanced Stagecraft and Technical Theater

Credit Earned: .5

Prerequisite: Stagecraft with Teacher approval

This is a performance based class where students will learn how to operate the sound and light boards, properly set up microphones and other stage equipment. They will have the opportunity to work as crew for several productions and design lights, sound and sets. This class will focus on an advanced level of design and set construction. The purpose of this class is to train crew leaders for all afterschool productions. This course can be taken multiple times. Students must attend one performance where their work is on display.

Course #665 - Acting

Credit Earned: .5

Prerequisite: None

In this course students will have the opportunity to study all styles of acting techniques for the stage, camera, and digital world. This course will be a workshop style course that works to grow students speaking skills, performance skills and overall confidence. No acting or performance experience is needed. This course does not perform.

Course #667 - Advanced Musical Theater Performance

Credit Earned: .5

Prerequisite: Audition Required

Students will be granted the opportunity for focused study of vocal production, musicianship, and dance techniques for the musical theater performer. Student roles may vary from production to production to develop their skills and experience in all areas of musical theater production. This class is designed to produce an ensemble musical production incorporating acting, singing and dancing. There is a \$175 performance fee. This course can be taken multiple times. This course has multiple required performances.

Course #6005 - Titan Showcase

Credit Earned: .5

Prerequisite: None

Students will be given the opportunity to perform without the after-school rehearsal schedule. We will explore students' natural strengths and put together performances to enhance their natural abilities to exemplify their true talents on stage. Students will learn the fundamentals of theater, characterization, and performance skills. Students will focus on improving their speaking and movement skills through scenes and musical performances. Students will develop the confidence to perform and entertain an audience. This may be taken multiple times for credit. This course does not perform.

Course #6633 - Costume Design

Credit Earned: .5

Prerequisite: None

Students will develop crucial skills in designing and creating costumes, hairstyles, and makeup. They will explore various mediums for costume creation through collaborative projects with peers. The course will also focus on makeup design, including both costume and special effects techniques, offering hands-on experience in crafting distinctive looks. Students will work alongside the Theatre program to design and produce costumes, hair, and makeup for theatrical productions. This course can be taken multiple times. This course does not perform.

Visual Arts:

Course #601 - Approaches to Art Making

Credit Earned: .5

Prerequisite: None

This course takes a hands-on approach to creating various art forms and explores a wide variety of techniques/materials and cultural arts. No drawing experience is required; all work created is spontaneous and intuitive or derived from cultural-based images. There is a \$40 lab fee to cover the cost of materials.

Course #607 - Drawing

Credit Earned: .5

Prerequisite: None

This course is designed for the extremely interested student, who plans to continue in the arts. Students learn the basic skills of drawing. Drawing from observation and imagination along with learning various drawing techniques is the focus of the course. There is a \$40 lab fee to cover the cost of materials.

Course #609 - Advanced Drawing

Credit Earned: .5

Prerequisite: Drawing or Teacher Approval

This course is designed to further develop drawing and foster a more individual approach to drawing. Students expand on techniques and skills learned in Drawing to create a more self-directed approach to drawing. This course is a prerequisite for Advanced Studio Art or AP Studio Art. There is a \$40 lab fee to cover the cost of materials.

Course #611 - Clayworks

Credit Earned: .5

Prerequisite: None

This course covers the history and fundamental approaches to working with clay, hand building, and various techniques of glazing. There is a \$40 lab fee to cover the cost of materials.

Course #6012 - Advanced Clayworks

Credit Earned : .5

Prerequisite: Clayworks

This course is designed to build upon the foundational skills learned in Clayworks. Students will expand their knowledge of clay sculpting and deepen their understanding of the formation of clay. The class will offer a more in-depth approach to working with all aspects of clay, systematically transitioning students from refining hand-building techniques to mastering the art of wheel throwing. There is a \$40.00 lab fee to cover the cost of all necessary materials for this course.

Course #617 - Painting and Mixed Media

Credit Earned: .5

Prerequisite: None

This course is designed to give students an in-depth experience in painting techniques, color theory, and mixed media. Students develop an understanding of realistic, abstract, and non-objective painting styles, using ink washes, watercolor, acrylic painting, collage, and other mixed media. This course is a prerequisite for Advanced Studio Art or AP Studio Art. There is a \$40 lab fee to cover the cost of materials.

Course #618 - AP Art History

Credit Earned: 1.0

Prerequisite: Sophomore, Junior or Senior, Contract Required

This elective course is designed to provide students with the skills necessary to analyze architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. The course begins with the development of artistic traditions from prehistoric times to the Gothic. The course continues with an exploration of various historical, social, religious, and intellectual themes that are reflected in the art that spans the beginnings of the Renaissance through the 20th century. This program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. All students are required to take the Advanced Placement Examination in May.

Course #619 - Advanced Studio Art

Credit Earned: 1.0

Prerequisite: A minimum of 2 Art classes

This course is for the serious art student who has mastered fundamental skills and would like to pursue further their own artistic and expressive approach to art creation. The course focuses on in-depth assignments and self-directed approaches to more advanced imagery and subject matter. This course can be taken multiple times or can be taken for one semester with teacher approval. There is a \$40 lab fee to cover the cost of materials.

Course #623 - AP 2D Art and Design

Credit Earned: 1.0

(Student chooses which portfolio to complete)

Prerequisite: A minimum of 2 Art classes, Contract Required

This course adds the portfolio required for the national judging for advanced placement credit to the requirements of Course #619 Advanced Studio Art. Work produced in this course must be at college level. All students are required to produce a portfolio for Advanced Placement judging in May. There is a \$40 lab fee to cover the cost of materials.

Course #658 - AP Drawing

Credit Earned: 1.0

Prerequisite: A minimum of 2 Art classes, Contract Required

This course adds the portfolio required for the national judging for advanced placement credit to the requirements of Course #619 Advanced Studio Art. Work produced in this course must be at college level. All students are required to produce a portfolio for Advanced Placement judging in May. There is a \$40 lab fee to cover the cost of materials.



BUSINESS AND TECHNOLOGY DEPARTMENT

BUSINESS AND TECHNOLOGY DEPARTMENT PHILOSOPHY:

The Business and Technology department teaches a variety of courses to prepare students for success in college, career, and life. A core belief of our department is that such success comes from the integration of business concepts into all that we teach as well as the inclusion of technology and engineering concepts into business courses. We also believe that developing students who are problem-solvers through project-based challenges and activities is a critical component to our courses.

BUSINESS AND TECHNOLOGY COURSES

One credit of Business and Technology is required for graduation; Personal Finance (course #728) is a required course for graduation (this course does not count toward the 1.0 credit required for the Business and Technology credit). All Business and Technology courses require an application for Sophomores, Juniors and Seniors.

Course #710 - Speech and Communication

Credit Earned: .5

Prerequisite: None

This course is designed to help students become more competent when asked to speak and write in a variety of business and personal situations. Through research and practice, students will focus on becoming more comfortable speaking in a public setting and will learn how to properly craft a message to better impact an audience. Additionally, students will learn and practice the process and techniques of properly debating various topics.

Course #711 - Introduction to Business

Credit Earned: .5

Prerequisite: None

This course is designed to expose the interested student to many components of modern business. The course shows the student how these components exist in a changing society and the types of decisions which must be made within that environment. The course is also designed to expose the student to the multitude of career fields in the areas of business. The importance of business in modern society is also stressed throughout the course. Topics such as business environment, business ownership, business finance, human resources, marketing, and management are discussed in an introductory manner.

Course 720 - Visual Communications for Business

Credit Earned: .5

Prerequisite: Junior or Senior

This course introduces high school students to the principles of visual communication in the business world, covering topics such as logo design, marketing materials, presentations, and visual content creation for websites and social media. Students will learn and apply design fundamentals—typography, color theory, layout, and imagery—using Adobe Illustrator, Adobe Photoshop, PowerPoint, and other related software to create professional graphics and branding materials. Through hands-on projects and critiques, students will develop a portfolio showcasing their ability to communicate business ideas visually and effectively, preparing them for careers in business, marketing, or design.

Course #729 - Introduction to Python

Credit Earned: .5

Prerequisite: None

Python is a dynamic and widely recognized computer language that is consistently among the top five coding languages in demand by employers. This is an introductory semester-long hands-on coding course for students who are either relatively new to computer programming or just new to Python. This course teaches the foundations of Computer Science using the Python programming language. Not only will this course help prepare students for additional Computer Science classes, including AP Computer Science Principles and AP Computer Science A, but it will teach students how to think computationally and solve complex problems, skills that are important for everyone in many different fields of study.

Course #730 - Introduction to Java

Credit Earned: .5

Prerequisite: None

Java is a popular computer language in wide use today by a vast range of companies and other organizations. This is a beginning-level one-semester coding course for students with limited or no computer programming experience or who simply want to learn Java. Students will learn the basics of the Java programming language, including topics such as conditional and iterative statements, objects, and inheritance. This course aims to prepare students to take additional Computer Science classes, including AP Computer Science Principles and AP Computer Science A. It will also help students learn how to think critically and solve problems of ever-increasing complexity, skills that are useful for everyone.

Course #723 - Introduction to Law**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior**

This course provides an overview of our legal system. Topics discussed will include a study of ethics, our state and federal court systems, prominent supreme court decisions, criminal law and criminal procedures, civil law and civil procedures, contract law, and cyber law. Students also have the opportunity to research, analyze, and discuss multiple court cases throughout the semester as well as participate in current event debates and two mock trials.

Course #727 - Accounting**Credit Earned: .5****Prerequisite: Sophomore, Junior or Senior**

This course is designed to introduce students to the study of accounting. Students will work through two complete accounting cycles: a service business organized as a sole proprietorship and a merchandising operation organized as a corporation. Emphasis is on learning to analyze and journalize financial transactions, as well as learning to prepare financial statements. Students are also introduced to the preparation of payroll records, special journals, and subsidiary ledgers, and depreciation. Students will use the McGraw-Hill Connect platform to complete and submit problems and take tests.

Course #728 - Personal Finance**Credit Earned: .5****Prerequisite: Junior or Senior**

This course is designed to encourage students to challenge existing social norms regarding debt and spending while learning about the positive benefits of budgeting, saving, and investing. Students will learn a simple and different approach to managing their money by learning how wealth is built and sustained. Students will critique the difference between looking wealthy and being wealthy. Students will also learn about the importance of leaving a legacy and using wealth for the benefit of others. This course, based on biblical principles, teaches students to recognize that all things belong to God and that we as stewards should be faithful to how God wishes us to manage what he blesses us with. Longitudinal research shows that students who engage in conversations with their parents about money tend to exhibit better financial behaviors as an adult. To encourage such discussion, this course requires both students and parents to work together throughout the semester on a variety of financial activities using the parent's financial information. The Personal Finance course is required for graduation.

Course #728 - Personal Finance Online Summer Course**Credit Earned: .5****Prerequisite: Junior or Senior; Application Required**

This daily on-line course runs for four weeks in June. Students will need access to the Internet for the duration of the course. Students should expect three hours of work each weekday with assignments and tests completed at their leisure by day's end. Students are encouraged to communicate with the instructor frequently via email to ask questions and clarify concepts. The instructor will monitor each student's progress throughout the course and communicate with students using the student's school email address. This course is presented at a fast pace and requires students to be diligent in completing their work on a daily basis. This course is an online version of Course #728 - Personal Finance (see course description above for more information). **Tuition of \$600.00 will be charged to the student's FACTS account for this course.**

Course #737 - AP Computer Science Principles**Credit Earned: 1.0****Prerequisite: Sophomore, Junior or Senior, Contract Required**

This college level course introduces students to the essential ideas of computer science and shows how computing and technology can influence the world around them. Students creatively address real-world issues and concerns while using the same processes and tools that artists, writers, computer scientists, and engineers use to bring ideas to life. It is a problem-solving course. All students are required to take the Advanced Placement Examination in May.

Course #738 - AP Computer Science A**Credit Earned: 1.0****Prerequisite: Junior or Senior, Introduction to Computer Science, AP Computer Science Principles, Introduction to Python, or Introduction to Java, Contract Required**

This year-long course is for students who are either interested in a career or further studies in computer science or who have an ongoing interest in computer programming. It is intended for students who want a challenging, in-depth, college-level course in computer programming while still in high school. This course is the equivalent of a first-semester college course in computer science. Students will develop and analyze algorithms and data structures, and create increasingly complex computer programs as you learn the Java programming language. The course will also focus on problem-solving skills, algorithm development, and good coding style. Topics covered include object-oriented programming, classes, methods, decision and loop structures, data storage, logical and arithmetic operators, arrays, matrices, exception handling, inheritance, composition, and searching algorithms. All students in the course are required to take the Advanced Placement examination in May.

Course #755 - Sports & Entertainment Management**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior**

Sports & Entertainment Management serves to provide students with an understanding of sports and entertainment issues within today's society. This course will introduce students to marketing sports teams and entertainment events. Additionally, students will learn about ethics, sports law, pricing, selling, licensing, distributing, social media marketing, and marketing principles as it relates to sports teams and entertainment event management. In addition to other current event topics, Name, Image, and Likeness (NIL) will be discussed and debated. This course will expose students to the vast career fields of sports and entertainment marketing.

Course #771 - Graphic Design 1 - Introduction to Graphic Design**Credit Earned: .5****Prerequisite: None**

In this introductory graphic design course, students will explore visual communication through hands-on projects using industry-standard software like Adobe Photoshop, Illustrator, and InDesign. They will learn the fundamentals of design, including layout, typography, color theory, and image manipulation, while creating logos, posters, and digital artwork. The course emphasizes creativity, problem-solving, and critical thinking, and students will build a digital portfolio showcasing their work. In addition to core design principles, students will be introduced to the role of digital photography in graphic design. They will learn how to capture, edit, and incorporate photographs into their projects using photo manipulation tools in Adobe Photoshop. The course will cover basic photography techniques, such as composition and lighting, and demonstrate how images can enhance design work, from creating dynamic backgrounds to integrating photography with text and graphic elements for more compelling visual communication.

Course #772 - Graphic Design 2 - Intermediate Graphic Design**Credit Earned: .5****Prerequisite: Graphic Design 1**

In this follow up to Introduction to Graphic Design, students will build on the foundational skills learned in the introductory course, delving deeper into advanced design concepts and techniques. They will explore more complex projects involving branding, packaging design, website mockups, and multi-page layouts using Adobe Illustrator, Photoshop, and InDesign. The course will emphasize refinement of typography, color schemes, and composition, while expanding on previous knowledge of vector illustration and advanced photo editing. Students will be challenged to develop their own creative style and problem-solving approach, culminating in an expanded digital portfolio that demonstrates their growing expertise.

Course #773 - Graphic Design 3 - Adobe Illustrator Certification**Credit Earned: .5****Prerequisite: Graphic Design 2 or Advanced Graphic Design**

This course is designed to prepare high school students for the Adobe Certified Associate (ACA) Exam in Adobe Illustrator. Students will develop a strong foundation in vector graphic design, mastering essential tools and techniques such as drawing shapes, using the pen tool, creating and editing paths, and applying color and effects. Through project-based learning, students will build a portfolio showcasing their skills in creating logos, illustrations, and other visual assets. By the end of the course, students will be ready to demonstrate their proficiency in Illustrator and confidently take the ACA certification exam.

Course #775 - Adobe Photoshop Certification**Credit Earned: .5****Prerequisite: Graphic Design 2, Graphic Design 3, or Advanced Graphic Design**

Adobe Photoshop Certification Prep" is a hands-on course designed to prepare students for the Adobe Certified Associate (ACA) exam in Adobe Photoshop. Through engaging projects and real-world applications, students will learn essential skills such as photo editing, image manipulation, retouching, and design principles. The course covers key Photoshop tools, layers, color correction, and typography, while also focusing on exam-relevant topics like file formats and workflows. By the end of the course, students will be equipped with the knowledge and confidence to earn their ACA certification, showcasing their proficiency in Photoshop.

PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION DEPARTMENT PHILOSOPHY:

The Physical Education program is designed to provide a wide variety of learning experiences for students, regardless of individual ability level, that encourages wise personal decisions regarding a lifelong pursuit of a healthy lifestyle. The department adheres to our Catholic teaching on the theology of the body, Canon Law 1113, which states:

The proper and immediate end of Christian education is to cooperate with divine grace in forming the true and perfect Christian....For precisely this reason, Christian education takes in the whole aggregate of human life, physical and spiritual, intellectual and moral, individual, domestic and social, not with a view of reducing it in any way, but in order to elevate, regulate and perfect it, in accordance with the example and teaching of Christ. We thus come to the understanding that maintaining physical health is one of the many components of becoming a "perfect Christian."

"Do you not realize that your body is the temple of the Holy Spirit, who is in you and whom you received from God? You are not your own property, then; you have been bought at a price. So use your body for the glory of God." 1 Corinthians 6:19-20

PHYSICAL EDUCATION COURSES

One credit of Physical Education is required for Graduation, including Health. Students are not permitted to register for more than one Physical Education class per semester. All Physical Education courses require an application for Sophomores, Juniors and Seniors.

Course #820 – Exercise, Strength and Personal Nutrition

Credit Earned: .5

Prerequisite: Freshmen Only

This course offers freshman students an introduction to the essentials of total body fitness and well-being within a safe and controlled setting. Participants will become efficient in the fundamentals exercise and weight training, mastering techniques that lay the groundwork for lifelong physical health. Students will have an in-depth exploration of nutrition and wellness, providing them with the knowledge to make informed choices that support their fitness goals.

Course #814 - Health/Driver Education

Credit Earned: .5

Prerequisite: Must be 15 years of age by June 30, 2027

The health portion of this course provides a focus on substance abuse and includes the Alcohol and Drug Awareness Program (ADAP), which is required to obtain a driver's license. Upon completion of this portion of the class, the student will have the knowledge to make and apply sound decisions regarding personal health behaviors. The Driver Education classroom portion of this course is taught by Blessed Trinity faculty. The course provides the state-mandated thirty hours of class instruction focusing on driving laws and highway safety. Completion of this course requires the student to complete six hours of driving time outside the school day with an instructor and automobile provided by a state-licensed driving school. The course requires an additional fee of \$475.00.

Course #815 - Health/CPR and First Aid

Credit Earned: .5

Prerequisite: Freshman Only (unless needed for credit due to transfer)

The health portion of this course provides the student with a wide range of learning experiences on health related topics. Upon the completion of this class, the student has the knowledge to make and apply sound decisions regarding their own health and be able to acquire and maintain positive personal health behaviors and attitudes. In addition, the course includes sections on substance abuse, mental health, human sexuality, nutrition and fitness. The basic goal of the CPR portion of this course is to provide students with knowledge and skills necessary to respond to an emergency, call for help, keep someone alive, reduce pain, and to minimize the consequences of injury or sudden illness until professional medical help arrives.

Course #818F - Driver Education / ADAP Certification

Credit Earned: .5

Prerequisite: Sophomore, Junior or Senior

The Driver Education classroom portion of this course is taught by Blessed Trinity faculty and includes the Alcohol and Drug Awareness Program (ADAP), which is required to obtain a driver's license. The course provides the state-mandated thirty hours of class instruction focusing on driving laws and highway safety. Completion of this course requires the student to complete 6 hours of driving time outside the school day with an instructor and automobile provided by a state-licensed driving school. The course requires an additional fee of \$475.00.

Course #822 - Lifetime Sports**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior**

The course provides the student the opportunity to establish a foundation in sports in which an enjoyable activity experience can be maintained for a lifetime. These sports include outdoor education, bowling, tennis, badminton, table tennis, softball, ultimate Frisbee, pickle ball and golf. Special attention is given to basic mechanics, rules, and etiquette for each activity along with strategies necessary to be successful in each sport.

Course #831 - Speed, Strength, and Conditioning**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior**

This course is designed to give students an introduction to speed, strength, and conditioning methodology and applied learning. The students learn program planning through a method of progression called periodization. Topics include performance methodology, functional movement evaluation, pre-habilitation and pillar strength, movement preparation, plyometrics, acceleration, absolute speed, multi-directional speed, strength and rotary power, energy system development, regeneration, and nutrition. In addition to technique and safety, students learn functional anatomy and muscle activation and firing patterns. This course may be taken multiple times for credit.

Course #845 - Athletic Training and Sports Medicine**Credit Earned: .5****Prerequisite: None**

This course explores various aspects of athletic training and sports medicine with a hands-on approach. Topics include the following: anatomy, emergency on-field injury management, injury recognition, assessment, rehabilitation, prevention, and common injuries and illnesses encountered in sports. Also covered are taping, splinting and bracing techniques. The course also integrates career opportunities and current medical and science research topics. This course does not count as part of the 2-semester Physical Education requirement.

Course #846 - Advanced Athletic Training and Sports Medicine**Credit Earned: .5****Prerequisite: Athletic Training and Sports Medicine or Anatomy & Physiology**

This advanced course requires a more in-depth knowledge of human anatomy and physiology. Students will receive hands-on training with various clinical examination methods to test for common orthopedic injuries and conditions. Students will conduct examinations relating to acute injuries and conditions, discern a guess as to the possible diagnosis of the injury or condition and develop an appropriate course of action for injury management. Basic kinesiology and rehabilitation steps and techniques are learned and demonstrated by each student. This course does not count as part of the 2-semester Physical Education requirement.

Course #848 - Core and Mobility**Credit Earned: .5****Prerequisite: Female - Sophomore, Junior, or Senior**

This course is designed to provide female students with programming that will contribute to improving their quality of life through various fitness methodologies. The program of instruction has been developed with offerings aimed at the development of individual wellness based on female student needs. This course may be taken multiple times for credit.

Course #850 - Titan Training**Credit Earned: .5****Prerequisite: Sophomore, Junior, or Senior**

This course is designed to provide the competitive student-athlete with the explosive speed and strength foundation necessary to reach peak performance. The course employs the latest research in the area of strength and performance training. Topics include speed training methodology for acceleration, absolute speed, multi-directional speed, strength and power programming, and energy system development. In addition, students master self-testing in the areas of movement skills, strength and power, and conditioning. Students learn how testing identifies weak links and how to interpret the results of those assessments to guide programming. This course may be taken multiple times for credit.

Course #823 - Team Sports**Credit Earned: .5****Prerequisite: Senior**

This course introduces students to a variety of team sports. The goal of the course is to promote the intellectual, physical, and spiritual development of students. The course promotes the intellectual development of each student through learning terminology, rules, history, and basic strategies of each sport. The course promotes the physical through the learning of the basic skills of each activity. Finally, the course promotes the spiritual development of each student through the learning of sportsmanship and moral responsibilities through cooperative skills inherent in each activity.

INTERDEPARTMENTAL AND NON-CREDIT OPTIONS

PHILOSOPHY REGARDING INTERDEPARTMENTAL AND NON-CREDIT OPTIONS:

Courses that are team-taught by members of two departments or that are designed to integrate knowledge from multiple departments are considered interdepartmental.

Regarding non-credit options, note that students are able to complete 32 credits (8 credits per year for four years) but only 28 are required for graduation. For a variety of reasons, students may take one course less than the full load not to exceed one per semester over four years.

After the freshman year, students who receive financial aid are required to participate in the Work Study program. Although there are some work opportunities available after school and during the summer, most are during the school day and must be scheduled like a class.

Freshman and Sophomore students who are considering a Study Hall, and Junior and Senior students who are considering a Study Hall or an Unassigned Period, should take into account such factors as the level of difficulty of the core curriculum courses, the amount of time it typically takes to complete assigned tasks (how "efficient" the student is in getting work done), the amount of time spent commuting to and from school, and the amount of time spent taking part in extracurricular activities.

INTERDEPARTMENTAL

Course #914 - English and Math Seminar

Credit Earned: 1.0

Prerequisite: Freshman, English/Mathematics Department Placement

The course is designed for students who need continued reinforcement in the areas of math, language, and study skills. Completed in conjunction with English 9 and Algebra 1, the course concentrates on strengthening foundational skills and provides instruction in reading comprehension, grammar, mechanics, and the writing process, as well as reinforcement of essential math skills such as fractions, decimals, and integers. Individual assessment and instruction are included with emphasis on the development of organizational and study skills.

NON-CREDIT

Students may not schedule more than one non-credit course in any given semester.

Course #988 - Study Hall

Prerequisite: Placement by Academic Support Center

This course is designed for students to have additional time to study as well as extra support in executive functioning and study skills. The course concentrates on strengthening study skills by holding individual meetings with students, teaching course-specific study strategies, and continuing to develop organizational skills. Students who need additional study time or support with study skills and/or executive functioning skills may schedule one block of Study Hall Support in the fall semester. Students are required to report to the assigned room as for any other class.

Course #997 - Work Study

Prerequisite: Sophomore, Junior, Senior Financial Aid Recipients

This may be chosen only by students who are receiving financial aid. Work is either for one or two semesters per year, depending on the size of the financial aid award.

Course #998 - Study Hall

Prerequisite: Sophomore, Junior, Senior

Sophomores who need additional study time may schedule one block as a study hall per semester. Students are required to report to the assigned room as for any other class. Juniors and seniors who do not meet the academic and/or discipline requirements for an unassigned period may also schedule a study hall.

Course #999 - Unassigned Period

Prerequisite: Junior or Senior, Acceptable Academic and Disciplinary Record

Juniors and seniors who need additional study time may schedule one block as a free period per semester. Students may go to any of several approved locations during a free period, such as the cafeteria/lobby area or Learning Commons. Students may not leave the school grounds, but they may come in late or leave early if they have an unassigned period at first or last block. The level assistant principal makes a determination based on the student's academic and discipline history whether the student qualifies for an unassigned period.

NOTES

Blessed Trinity Catholic High School
11320 Woodstock Road
Roswell, Georgia 30075
www.btcatholic.org