

**St Francis de Sales School**

# **Course Guide**

**2023-24 School Year**



**ST. FRANCIS DE SALES**  
— SCHOOL —

# General Requirements for Graduation

	<b><u>Minimum Credits</u></b>
<b>Theology</b>	4.0
<b>English</b>	4.0
<b>Social Studies</b> ( <i>American Government, World History, and American History</i> required)	3.0
<b>Mathematics</b>	4.0
<b>Computer Science</b>	0.5
<b>Science</b>	4.0
<b>Foreign Language</b>	2.0
<b>Fine Arts</b>	1.0
<b>Health &amp; Physical Education</b>	1.25
<b>Minimum Electives</b>	1.75
Min Total Credits	25.75

- In addition, 30 hours of Christian services are required both senior and junior years. Twenty (20) hours are required both freshman and sophomore years for a total of a minimum of 100 hours.
- Participation in an approved retreat is required during junior or senior year.
- Two years of a foreign language is required, but three years or more is highly recommended.
- Participation in one season of a sport can be substituted for 0.25 units of physical education at level 3.
- An equivalent of 28 (7 periods x 4 years) semesters of credited coursework is required.

# Theology

<p><b>Theology 7</b></p> <p>Grade(s): 7 Full Year Course</p>	<p><b>Doctrine:</b> Students will learn that God reveals Himself through Jesus. Students will learn about the Blessed Trinity, Mary, the Saints, Angels and Last Things.</p> <p><b>Morality:</b> Students will learn the principle “The Dignity of the Human Person,” living a virtuous life, decision making and conscience, sin and its types, reconciliation and forgiveness, the Ten Commandment &amp; Beatitudes, the Works of Mercy (Corporal &amp; Spiritual).</p> <p><b>Scripture:</b> Students will study both Old Testament &amp; New Testament know the sources and nature of scripture, literary forms, locate and identify Scripture passages, significant persons, events and parables.</p> <p><b>Worship &amp; Prayer:</b> Students will know the term Liturgy, learn the parts of the Liturgy, the Liturgical Year and vessels and vestments. Students will learn about prayer in the Catholic Christian Tradition. (Current Course of Study in the Diocese of Toledo is under review and revision)</p>
<p><b>Theology 8</b></p> <p>Grade(s): 8 Full Year Course</p>	<p><b>Catholic Social Justice Teaching (SJ):</b> SJ is rooted in the Gospel of Jesus and the mission of the Church. Know and apply the “The Life and Dignity of the Human Person” to situations along with historical perspective of SJ.</p> <p><b>Church History:</b> Students will learn the structure of the Church, the Church in Apostolic times, early Church and leaders, the Early Middle Ages, Late Middle Ages, Reformation, 18<sup>th</sup> &amp; 19<sup>th</sup> centuries, 20<sup>th</sup> century and Church in America, ecumenism and the Missionary Church.</p> <p><b>Sacraments:</b> Students will study the 7 sacraments of the Catholic Church-each sacrament with its minister, matter &amp; form, effects, responsibilities, Scriptural reference and historical development. The sacraments are a meeting of Jesus and a means of receiving God’s grace.</p>
<p><b>Christian Growth</b></p> <p>Grade(s): 9 College Prep Scale 1.0 Credit</p>	<p>This course gives students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In this course they will learn about the Bible, authored by God through inspiration, and its value to people throughout the world. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.</p>
<p><b>Ecclesiology</b></p> <p>Grade(s): 10 College Prep Scale 0.5 Credit</p>	<p>The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn a bit about events in the life of the Church, and especially about the sacred nature of the Church.</p>
<p><b>Salvation History</b></p> <p>Grade(s): 10 College Prep Scale 0.5 Credit</p>	<p>The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.</p>
<p><b>Sacraments and Prayer</b></p> <p>Grade(s): 11 College Prep Scale 0.5 Credit</p>	<p>This course is designed to explore sacraments and prayer as fundamental religious concepts. It explores the sacramental experience as it touches all aspects of a Christian's life. Individuals will be invited to see sacraments as unique and radical opportunities to encounter God in personal and communal ways. The Roman Catholic Sacraments will be explored as seven specific ways, among many, to come into contact with the risen Jesus, thus enabling our encounter with God. With this understanding the student will be challenged to live out the values of Jesus, be conscious of his personal role in the community, and realize the sacramental moment in his everyday life.</p>

<p><b>Christian Morality</b></p> <p>Grade(s): 11 College Prep Scale 0.5 Credit</p>	<p>The purpose of this class is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.</p>
<p><b>Social Justice</b></p> <p>Grade(s): 12 College Prep Scale 0.5 Credit</p>	<p>Jesus Christ has called the Christian Community to build his Kingdom. The Church has therefore been committed to fostering a just and peaceful world. This Course will use the Gospels and Church teaching to help the student appreciate the richness of the Church's social mission. The course will address such issues as work, poverty, war, ecology, and capital punishment.</p>
<p><b>Christian Life Style</b></p> <p>Grade(s): 12 College Prep Scale 0.5 Credit</p>	<p>This senior requirement explores various lifestyles: single, religious, ordained, and married. It attempts to help the student understand how to choose a lifestyle most suited for him. Even though there may be no immediate outcome from this course, the seeds planted will produce gradual understanding of his personal and faith growth in light of the lifestyles offered.</p>
<p><b>Senior Religion Seminar</b></p> <p>Grade(s): 12 AP Scale 0.5 Credit</p>	<p>This is a one semester, college level, introduction to the major themes of Roman Catholic Theology. Topics covered include, but are not limited to, the nature of theology, Trinity, Christian Anthropology (creation, fall, sin, grace, redemption), Ecclesiology, foundational moral theology particularly as expressed through the encyclical Evangelium Vitae, and Prayer. The course is taught in seminar style and in addition to regular course work, each student is required to research, prepare and present an in-depth presentation on one of the topics covered in the course. Upon successful completion, students will earn high school credit and may earn college credit through De Sales University or Lourdes College.</p>

## English

<p><b>English 7</b></p> <p>Grade(s): 7 Full Year Course</p>	<p>This course teaches the tenets of critical thinking and apply them to reading and writing of informational and literary texts, preparing the student to be analytical about resources and ideas. Students will learn to analyze language at several levels and will make comparisons between written works and establish a standard for that genre, works of similar or different genres, or works from other media. Students will write at every stage of this process, producing a wide range of spontaneous and researched works through the application of grammar, usage and mechanics. Genre studies include both literary and nonfiction: short fiction, fantasy, historical fiction, and drama.</p>
<p><b>English 8</b></p> <p>Grade(s): 8 Full Year Course</p>	<p>This course teaches the students to read, analyze, and respond critically to literary and nonfictional texts at a deeper level in order to be analytical about resources and ideas. A variety of pieces will be used, including short stories, poems, and novels. Informational text will be emphasized through nonfiction articles and full-length texts. The writing process will be used to produce writings in a variety of genres while applying grammar, usage and mechanics, including narrative, argument, informative and explanatory. Students will produce spontaneous writings, including researched pieces. Through both reading and writing, students will deepen their vocabulary, language, speaking and listening skills. Students will be required to read independently outside of class.</p>
<p><b>Honors English 7/8</b></p> <p>Grade(s): 7/8 Full Year Course</p>	<p>The Middle School Honors English course addresses reading, writing, listening, and speaking within a rigorous standards-based program. Instruction will include reading comprehension, academic writing, research writing, language conventions, vocabulary development in meaningful contexts, and reference skills. Students will study various genres including the short story, novel, drama, biography, poetry, and informational material. Students are expected to learn at an accelerated pace, read extensively, use expanded vocabulary, interpret varied genres of literature from diverse perspectives, discuss topics in a mature manner, and understand complex concepts. Students in this course should be committed to furthering their studies at the Honors and Advanced Placement level in high school.</p> <p><i>This course is designed for students performing at the Standards Exceeded and/or Standards Met levels. Students do not have to apply for this course, but must be willing to accept the challenges of the course and make an earnest effort to do their best.</i></p>

<p><b>English Grammar Literature I</b></p> <p>Grade(s): 9 College Prep Scale 1.0 Credit</p>	<p>This course teaches the traditional elements of grammar, usage, sentence structure, capitalization, punctuation, vocabulary, and research skills. Students write formal essays of varying lengths as well as a research paper and several research-based essays. MLA format is required in all English courses for any typed paper. The course also includes a literature component which moves the student from simple comprehension through an analytical examination of fiction, poetry, drama, and nonfiction. Students will be able to better understand the themes of literature, to better comprehend text, and to better understand the use of literary terms and techniques in an advancement of their critical thinking skills.</p>
<p><b>Honors English Grammar Literature I</b></p> <p>Grade(s): 9 Honors Scale 1.0 Credit</p>	<p>Through academic writing and revision, the student will improve his expository writing skills. Several formal essays will be written each quarter, most of which will be research-based, and one research paper will be written in the spring. Students will develop sound research techniques and learn to evaluate sources. In addition, three novels and various short stories and poems are read each quarter. Discussion includes literary terms and techniques that authors employ and how they impact the work as a whole, as well as basic comprehension and critical thinking.</p>
<p><b>Analysis of Literature Expo Writing</b></p> <p>Grade(s): 10 College Prep Scale 1.0 Credit</p>	<p>This course enables the student to develop logical and coherent essays and research papers by using a variety of sentence structures and sound introductions and conclusions. Expository techniques are used in 400-500 word essays and research papers which are graded on development, organization, and mechanics. Preparation for the ACT and SAT is also incorporated throughout the course. A thorough understanding of literary works including novels, short stories, dramas, poems, essays, biographies, and autobiographies is expected. The student will also expand his ability to recognize literary techniques used by authors and their relationships to the work as a whole.</p>
<p><b>Honors Analysis of Literature Expo Writing II</b></p> <p>Grade(s): 10 Honors Scale 1.0 Credit</p>	<p>In addition to the skills mastered in the college prep sophomore class, this course builds upon the composition and literature skills established freshman year. Writing includes literary analysis and two major research papers, one of which is written in cooperation with the social studies department. The expectations of analytical thinking, interpretive skills, and writing ability are high for students who will read three novels per quarter in addition to the college prep requirements. Successful completion of honors freshman English, or instructor approval in addition to GPA minimums is required for registration.</p>
<p><b>American Literature Expo Writing III</b></p> <p>Grade(s): 11 College Prep Scale 1.0 Credit</p>	<p>This course is a survey of American Literature from its earliest beginnings to the present. Students will study the poetry and prose from the following eras: the Colonial period, the Revolutionary period, American Romanticism, Transcendentalism, The Civil War era, Realism, Naturalism, and the twentieth century. Themes will reflect the American experience and will include "What is an American?" approaches to nature, the frontier, the urban experience, and the diversity of voices comprising American Literature. In addition, this course will continue the expository writing techniques begun in sophomore English. Most of the writing will be related to the literature that we read. A continuation of the vocabulary program covered freshman and sophomore years is also included in the course.</p>
<p><b>Honors Junior English</b></p> <p>Grade(s): 11 Honors Scale 1.0 Credit</p>	<p>This course further hones the research, writing, and critical thinking skills developed in the honors sophomore class. The literature studied will primarily be American authors in the genres of drama, novel, short story, poetry, and essay. Students will advance their ability to evaluate research sources and improve the structure of their research papers and essays. Research papers in MLA and APA styles and an assortment of essays will be required throughout the year. <b>Approval by Miss. Rostash</b> and GPA minimums are required.</p>
<p><b>British Literature Expo Writing IV</b></p> <p>Grade(s): 12 College Prep Scale 1.0 Credit</p>	<p>The student will review the expository techniques learned in Expository Writing II (examples, incidents, reasons, process, comparison/contrast, and classification) and Expository Writing III (analysis, cause/effect, induction, deduction and definition). He will learn to develop a thesis statement and to employ strategies for clear and coherent writing. The literature is a survey of British Literature and the English language from the Anglo-Saxon era to the present. Representative works from the great authors constitute the course content. Through reading, writing and researching, students are encouraged to develop their capacity for both appreciating and critiquing literature.</p>

<p><b>Honors Senior English</b></p> <p>Grade(s): 12 Honors Scale 1.0 Credit</p>	<p>This course content is divided by semesters. Semester one will be a study of British Literature including the novel, play, short story, and some poetry. The authors will be both classic and contemporary. Semester two literature will be world mythology. Students will read creation, fertility, and hero myths from around the globe. Research writing will include MLA papers the first semester and APA the second with a focus on support of thesis and rhetorical structure. In-class essays in response to literature will also be required and will be graded on originality of thought, structure and support. The overall goal will be to ensure that each student is college ready in the areas of reading, writing, and research. <b>Approval by Miss Rostash</b> and GPA minimums are required</p>
<p><b>AP English Language and Composition</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>AP Lang engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers composing for a variety of purposes. Students are made aware of the interactions among a writer's purpose, audience expectations, subjects, generic conventions, and language as they contribute to text effectiveness. GPA minimum required.</p>
<p><b>AP English Literature and Composition</b></p> <p>Grade(s): 12 AP Scale 1.0 Credit</p>	<p>AP Lit is an intensive examination of fiction, including the novel, play, poem, and short story. Students will improve their analysis and critical thinking skills in relation to a variety of the literary techniques which authors use to abet the purpose of their work as a whole. Writing will include essays and research papers in MLA and APA format. In addition to preparing for the course test, students will exhibit college and career readiness in researching, reading, and writing. GPA minimum required.</p>

## Social Studies

<p><b>History 7 – World History</b></p> <p>Grade(s): 7 Full Year Course</p>	<p>This course is focus on the study of ancient civilizations, students will learn critical thinking skills such as cause and effect, contextualization, and synthesis. Reading, note taking skills, and project based learning will also be emphasized.</p>
<p><b>History 8 – US History</b></p> <p>Grade(s): 8 Full Year Course</p>	<p>This course is as history of the United States from the exploration of the Americas to the period of Reconstruction Post-Civil War. Included in the study will be the Indian migration to the Americas and their encounters with the European settlers, the American Revolution, westward expansion, the Civil War, American governmental action to strengthen democracy, and Reconstruction.</p>
<p><b>World Geography</b></p> <p>Grade(s): 9 College Prep Scale 0.5 Credit</p>	<p>Geography is designed to give the student an overview of both Physical and Human Geography. Students explore topics such as Tectonic Forces, Climate, Population, Resources and Development, and Environmental Problems as we explore the different cultural regions of the world. Special emphasis is placed on gaining an understanding of local, regional, and national geography.</p>
<p><b>World History</b></p> <p>Grade(s): 9,11,12 College Prep Scale 0.5 Credit</p>	<p>This course traces the development of mankind through the early civilizations of the Mediterranean to the age of exploration in the 15th Century. The emerging Western civilization will be compared to the great civilizations evolving in China, India, Africa, and the Americas during this time period.</p>
<p><b>American History</b></p> <p>Grade(s): 10 College Prep Scale 1.0 Credit</p>	<p>This is a history of the United States from the pre- revolutionary period to the present. Included in the study will be the Indian migration to the Americas and their encounters with the European settlers, the American Revolution, westward expansion, the development of the United States as a world power, and American governmental action to strengthen democracy.</p>

<p><b>Leadership in the Salesian Tradition I</b></p> <p>Grade(s): 10 Honor Scale 0.5 Credit</p>	<p>A semester course for students who have already demonstrated leadership qualities, as judged by the course instructor or Academic Dean, and who wish to seriously pursue the study of leadership in the Salesian Tradition. At times the instructor will invite community leaders to participate in discussions or activities with the class on specific leadership topics. The course will be a seminar format and critical thinking will guide discussions. This course is an advanced and in-depth component of the St. Francis de Sales School Salesian Leadership Initiative. Approval of the course instructor is required for admission.</p>
<p><b>Leadership in the Salesian Tradition II</b></p> <p>Grade(s): 11 Honor Scale 0.5 Credit</p>	<p>Leadership in the Salesian Tradition II is a junior level class and is considered the follow up class to Leadership in the Salesian Tradition I. Students in the class remain in the same cohort as the previous year. During the class, the students implement the lessons from the previous year, develop mentor relationships with adults in the community, and complete on site visits to further explore leadership in practice. Additionally, the cohort prepares their senior project. This class decided to develop a model of Servant Leadership influenced by their readings on Salesian Spirituality. They will present this model to all the faculty and staff during the fall of their senior year.</p>
<p><b>Honors Law for Business &amp; Personal Use</b></p> <p>Grade(s): 11-12 Honors Scale 0.5 Credit</p>	<p>This honors course focuses on civil law, that is, laws governing the duties and obligations individuals owe to each other. These include contractual relationships, the duty not to injure one another (tort law and personal injury law), laws pertaining to property, both real estate and personal, consumer protection, landlord-tenant, family law, probate and estate law, employment, and different forms of business entities (sole proprietorships, corporations, limited liability companies, partnerships). In addition, the U.S. court system and the legal process are explained. Students will be challenged to apply analytical and critical thinking skills in order to recognize and resolve legal issues and review actual case law scenarios. Not just for those interested in a career in law or business. This course teaches the basic rights and responsibilities that everyone in today's world should be aware of.</p>
<p><b>American Government</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>This course is designed to acquaint the student with the Constitutional framework of the American system of government particularly as it functions according to modern political practices. Emphasis is placed on the Constitution itself, the three branches of the federal government, civil liberties, state and local governments, and voting behavior.</p>
<p><b>Contemporary US History</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>Contemporary United States History will go in-depth into United States History since World War II learning about changing culture, technology, the Cold War, global conflicts, the world economy, the environment, and study the effects on contemporary society in the United States. Topics of emphasis will include post World War II, the Cold War, the Korean Conflict, the Vietnam War, and Civil Rights along with the presidencies from Harry Truman to Bill Clinton.</p>
<p><b>Criminal Justice</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>Students will be introduced to the American criminal justice system and its processes through a systems analysis approach. The three components of the criminal justice system, law enforcement, the courts, and corrections, will each be examined to show how all three work together to achieve the system's primary goal: crime control. The functions of those persons involved in implementing criminal justice in our society, including police officers, prosecutors, defense attorneys, judges, and correction officials, will be presented. The course includes guest lecturers from criminal justice professionals, including F.B.I. special agents, Toledo Police officers, Ohio State Highway Patrol troopers, criminal defense attorneys, judges, and private investigators. Students will participate in a field trip to the Lucas County Common Pleas Court where they will observe a criminal court in session and will tour the Lucas County jail.</p>
<p><b>Psychology</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>Psychology is designed to give the student an overview of human behavior. It takes a scientific approach as it explores the roles that both biology and environment play in shaping human behavior. We cover topics such as sensation, learning, memory, intelligence, motivation, personality and abnormal behavior. A special emphasis is placed on our own development in these areas.</p>
<p><b>Sociology</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>This course is an overview of sociology's concepts and methods. In this course human behavior in group-settings will be examined. Particular focus will be given to society's responses to the fundamental needs of human life: family, government, religion, education, groups, etc.</p>

<p><b>AP Human Geography</b></p> <p>Grade: 9 AP Scale 1.0 Credit</p>	<p>Presents high school students with the curricular equivalent of an introductory college-level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasizing understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.</p>
<p><b>AP Psychology</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>The purpose of the Advanced Placement psychology course is to introduce students to the systematic and scientific study of the behavioral and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. The student will also study the methods psychologists use in their science and practice. The following general topics will be studied: method, history, biological bases of behavior, sensation and perception, states of consciousness, learned and unlearned behavior, cognition, motivation and emotions, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology and organizational behavior.</p>
<p><b>AP World History</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>The purpose of this course is to develop greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course.</p>
<p><b>AP Microeconomics</b></p> <p>Grade(s): 11-12 AP Scale 0.5 Credit</p>	<p>This course will focus on the economic principles that apply to the functions of individual decision makers in the economic system. It includes the study of basic economic concepts, product markets, factor markets, and the role of government in the economy.</p>
<p><b>AP Macroeconomics</b></p> <p>Grade(s): 11-12 AP Scale 0.5 Credit</p>	<p>This course will focus on the study of the principles of economics that apply to the system as a whole. Major topics include measurement of economic performance, national income and price determination, financial sectors, inflation and unemployment, growth and productivity, and international trade and finance.</p>
<p><b>AP US History</b></p> <p>Grade(s): 10-12 AP Scale 1.0 Credit</p>	<p>Advanced Placement History of the United States is an intensive investigation of the individuals and forces that shaped the American nation. This course requires extensive reading, frequent written essays, and library research. The essential objective of the course is an in-depth understanding of the history of our country.</p>
<p><b>AP US Government &amp; Politics</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behavior 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. They will also engage in disciplinary practices that require 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. AP U.S. Government and politics is equivalent to a one-semester introductory college course in U.S. Government.</p>



# World Languages

<p><b>Exploratory French</b></p> <p>Grade(s): 7-8 Semester Course</p>	<p>This semester-long course provides an introduction to the French language and Francophone culture through a variety of vocabulary and cultural topics, using various reading, listening, speaking, and on-line activities. It does not replace the first semester of high school French I, which is more in depth and moves at a faster pace. Beginning the study of French at the Middle School level, however, will be very helpful as students continue their study at the high school level.</p>
<p><b>Exploratory Latin</b></p> <p>Grade(s): 7-8 Semester Course</p>	<p>This course will introduce students to the Latin Language and Roman History. Students will learn basic Latin grammar, vocabulary, and how Latin has influenced the English Language. Students will also study some Rome History and how Rome has influenced Western Civilization and the United States.</p>
<p><b>Exploratory Spanish</b></p> <p>Grade(s): 7-8 Semester Course</p>	<p>This semester-long course provides an introduction to the Spanish language and Hispanic culture through a variety of vocabulary and cultural topics, using various reading, listening, speaking, and on-line activities. It does not replace the first semester of high school Spanish I, which is more in depth and moves at a faster pace. Beginning the study of Spanish at the Middle School level, however, will be very helpful as students continue their study at the high school level.</p>
<p><b>French I</b></p> <p>Grade(s): 8-10 College Prep Scale 1.0 Credit</p>	<p>In this introductory course, students will practice, use, and increase vocabulary and grammar skills; hone speaking, listening, reading, and writing skills; and learn about the history and culture of French-speaking countries. Course materials include a level I text, on-line newspaper articles, music, and video clips.</p>
<p><b>Latin I</b></p> <p>Grade(s): 8-10 College Prep Scale 1.0 Credit</p>	<p>This course gives the student a basic knowledge of Latin grammar and vocabulary and increases his English vocabulary through Latin derivatives. The student will be expected to translate Latin sentences and paragraphs, and he will also learn about Roman culture and mythology.</p>
<p><b>Spanish I</b></p> <p>Grade(s): 8-10 College Prep Scale 1.0 Credit</p>	<p>This is an introductory course. Students will learn basic vocabulary and grammar of Spanish. The focus of the course is to learn Spanish language and culture. In this basic course students will learn how to write, read, listen and speak in Spanish. The textbook and workbook are the main resources, but videos and music complement the course.</p>
<p><b>French II</b></p> <p>Grade(s): 9-11 College Prep Scale 1.0 Credit</p>	<p>In this second year course, students will continue to practice, use, and increase vocabulary and grammar skills; hone speaking, listening, reading, and writing skills; and learn about the history and culture of French-speaking countries. Course materials include a level II text, on-line newspaper articles, music, and video clips.</p>
<p><b>Latin II</b></p> <p>Grade(s): 9-11 College Prep Scale 1.0 Credit</p>	<p>Latin II reviews the material of Latin I and resents the rest of the basic Latin grammar as well as more vocabulary. It also increases the student's ability to translate Latin through sentences more complicated than those in Latin I. Careful reading of mythological stories and Latin literature are included in the course.</p>
<p><b>Spanish II</b></p> <p>Grade(s): 9-11 College Prep Scale 1.0 Credit</p>	<p>This course is a continuation of Spanish I. Throughout the course, students will increase vocabulary and grammar knowledge. Students will be exposed to a large amount of grammar and vocabulary through a variety of resources like textbooks, videos and music. Students will continue to increase their language skills; although the main focus will be on writing.</p>

<p><b>Honors French III</b></p> <p>Grade(s): 10-12 Honors Scale 1.0 Credit</p>	<p>This course introduces students to the six AP themes through stories and discussion. As in previous courses, students will practice, use, and increase vocabulary and grammar skills; hone speaking, listening, reading, and writing skills; and learn about the history and culture of French-speaking countries. Course materials include a level III text, a short novel, on-line newspaper articles, classic fairy tales, music, and video clips</p>
<p><b>Honors Latin III</b></p> <p>Grade(s): 10-12 Honors Scale 1.0 Credit</p>	<p>This course reviews Latin grammar, increases vocabulary, and immerses the student in Latin literature with readings in oratory, comedy, and poetry. It will enable the student to translate and to analyze the literature.</p>
<p><b>Honors Spanish III</b></p> <p>Grade(s): 10-12 Honors Scale 1.0 Credit</p>	<p>This course is for students who are interested in learning more about the Spanish language and/or plan on taking AP Spanish the following year. This course will introduce students to type of assessments presented in the AP Spanish exam. Students will complete all the major grammar topics during this course. A lot of emphasis is placed on speaking and listening.</p>
<p><b>Spanish III</b></p> <p>Grade(s): 10-12 College Prep Scale 1.0 Credit</p>	<p>This course is for students who are interested in continuing learning more about the Spanish language and culture. This course will help students feel more comfortable with the Spanish language. There will be new vocabulary and grammar, making listening and speaking important skills in the class. Students will have more presentations in order to feel more comfortable with the language. This course will not prepare the student for the Spanish AP class.</p>
<p><b>AP French Language and Culture</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>The French AP exam assesses students' abilities in listening and reading comprehension, written and oral expression, and conversation skills. Accordingly, students thoroughly study and prepare the six AP themes, review essential grammar, and complete essays, email responses, interactive conversations, cultural comparisons, and written and audio texts. Course materials include several different textbooks, a short novel, various fables, poems, reading and audio selections, on-line newspaper articles, and video clips.</p>
<p><b>AP Latin</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>The student carefully reads and analyzes Vergil or Catullus and Horace, works that are fundamental to Western civilization.</p>
<p><b>AP Spanish Language and Culture</b></p> <p>Grade(s): 11-12 AP Scale 1.0 Credit</p>	<p>The Spanish AP class is intended to prepare the student to take the AP exam in May. The class uses resources that mirror the assessments of the AP exam. During the class, students learn and discuss the six different themes while practicing the reading, listening, writing and speaking forms for the exam. The class uses authentic materials for discussion which come in different forms: different textbooks, online news sources, reading and audio selections and others.</p>

# Mathematics

<p><b>Math 7</b> Grade(s): 7 Full Year Course</p>	<p>Math 7 is designed for students to be exposed to rational numbers and exponents, proportionality and linear relationships, introduction to sampling and inference, and creating, comparing, and analyzing geometric figures.</p>
<p><b>Math 8</b> Grade(s): 7-8 Full Year Course</p>	<p>Math 8 is a pre-algebra course. This course is designed for students to have an understanding of rational numbers, equations, proportions and similarity, linear and nonlinear functions, two-and-three dimensional space, and data sets. Students who take this course will be prepared to take Algebra I the following year. Prerequisite: Testing.</p>
<p><b>Honors Math 8</b> Grade(s): 7-8 Full Year Course</p>	<p>Honors Math 8 is a pre-algebra course. This course is designed for students to have an understanding of rational numbers, equations, proportions and similarity, linear and nonlinear functions, two-and-three dimensional space, and data sets. Students who take this course will be prepared to take Algebra I the following year. Prerequisite: Testing.</p>
<p><b>Algebra Concepts</b> Grade(s): 9 College Prep Scale 1.0 Credit</p>	<p>This course is intended to help students make the transition from middle school math to high school algebra. Topics covered include: operations with fractions and decimals, order of operations, operations with real numbers, solving equations, proportions, inequalities, graphing linear equations, solving systems of equations, and exponent properties.</p>
<p><b>Algebra I</b> Grade(s): 7-9 College Prep Scale 1.0 Credit</p>	<p>This is a study of the symbolic language and structure of algebra. The student will perform the four basic operations with signed numbers; solve and graph equations and inequalities as well as related application problems; perform the basic operations with polynomials; factor and perform the basic operations on factored polynomials; graph functions and relations; study and graph systems of open sentences in one and two variables; study the real number system with special attention to rational and irrational numbers and the basic operations; solve quadratic equations; and be exposed to the basic concepts of geometry and trigonometry.</p>
<p><b>Honors Algebra I</b> Grade(s): 8-9 Honors Scale 1.0 Credit</p>	<p>The purpose of this course is to give the students a sound foundation in the study of the symbolic language and structure of algebra. The student will perform the four basic operations with signed numbers; solve and graph equations and inequalities as well as related application problems; perform the basic operations with polynomials; factor and perform the basic operations on factored polynomials; graph functions and relations; study and graph systems of open sentences in one and two variables; study the real number system with special attention to rational and irrational numbers and the basic operations; solve quadratic equations; and be exposed to the basic concepts of geometry and trigonometry. in preparation for the Honors Geometry/Algebra II course.</p>
<p><b>Honors Geometry/Algebra II</b> Grade(s): 8-10 Honors Scale 1.0 Credit</p>	<p>The purpose of this course is to give the student a sound foundation in Euclidean geometry and to present a basic course in Advanced Algebra II. This covers a complete course in geometry including a study of: points, lines, planes, congruent triangles, triangle inequality, parallel and perpendicular lines, polygons, similarity, circles and spheres, area, perimeter, volume, coordinate geometry, locus and constructions, and transformations. The graphing of algebraic, logarithmic, and exponential functions will be emphasized. Linear and quadratic equations, conic sections, higher degree polynomials, and rational functions will be studied along with the solutions of polynomials over the complex number system. Equations in two or more variables using matrices and determinants will also be studied.</p>
<p><b>Geometry</b> Grade(s): 8-10 College Prep Scale 1.0 Credit</p>	<p>This course is a postulation approach to Euclidean geometry inter-relating the study of geometry with that of algebra and the real number system. The desired effect is that the language and logical reasoning learned by the student during the year will be useful in the future study of mathematics and logic. This covers a complete course in geometry including a study of: points, lines, planes, congruent triangles, triangle inequality, parallel and perpendicular lines, polygons, similarity, circles and spheres, area, perimeter, volume, coordinate geometry, locus and constructions, and transformations.</p>

<p><b>Algebra II/Trigonometry</b></p> <p>Grade(s): 10-11 College Prep Scale 1.0 Credit</p>	<p>This course is a review of the material in Algebra I; developing further competencies in the topics from Algebra I through additional practice demanding deeper investigations, more thorough explorations and more challenging application problems. New concepts to be introduced are: the basic axioms of the real number system; solving linear equalities and inequalities (in one and two variables), solving linear and quadratic equations, solving systems of equations; conic sections; solving equations using radicals, irrationals, and complex numbers; using exponential and common logarithmic notation in computation; arithmetic and geometric sequence and series; angles, measures, and the trigonometric functions; solving right triangles; law of sines and cosines, area of a triangle; trigonometric identities and equations; inverse trigonometric functions; DeMoivre's theorem using the trigonometric form of a complex number to find products, quotients, powers, and roots.</p>
<p><b>Pre-Calculus</b></p> <p>Grade(s): 10-12 College Prep Scale 1.0 Credit</p>	<p>This course covers the following topics: basic functions, trigonometric and logarithmic functions and their inverses; geometric, arithmetic, and infinite series; binomial expansion; permutations; combinations and probability; determinants and matrices and their applications; graphing techniques; and an introduction to differential calculus and its applications. The student who successfully completes this course should be prepared for differential and integral calculus.</p>
<p><b>AP - Pre-Calculus</b></p> <p>Grade(s): 9-12 AP Scale 1.0 Credit</p>	<p>This course is designed to review algebraic concepts with a special emphasis on understanding theory and reasoning. We will also study the properties and applications of exponential, logarithmic, and trigonometric functions. Students will learn to recognize trigonometric relationships and identities to solve complex equations. The course will examine conic sections and polar coordinates, as well as infinite, arithmetic, and geometric sequences. The completion of this material will be followed by an introduction to probability, statistics, differential calculus, and integral calculus. These topics will prepare seniors for placement in college level math courses and underclassmen for either AP Calculus or AP Statistics.</p>
<p><b>Advanced Math Topics</b></p> <p>Grade(s): 12 College Prep Scale 1.0 Credit</p>	<p>This course provides a general survey of mathematical topics that are useful in our contemporary world. This course is intended to help diverse students, with different backgrounds and career plans, to succeed. This course has four major goals: 1. To help students acquire knowledge of fundamental mathematics. 2. To show students how mathematics can solve authentic problems that apply to their lives. 3. To enable students to understand and reason with quantitative issues and mathematical ideas that they are likely to encounter in college, career, and life. 4. To enable students to develop problem-solving skills, while fostering critical thinking, within an interesting setting. This course is offered to students who have a grade below a C- in their junior math course.</p>
<p><b>Survey of College Mathematics</b></p> <p>Grade(s): 12 College Prep Scale 1.0 Credit</p>	<p>This course provides a general survey of college mathematical topics that are useful in our contemporary world. This course is intended to introduce students to calculus, statistics, trigonometry and fundamental mathematics to enable students to reason with quantitative issues and problems they will encounter in college, career and life.</p>
<p><b>AP Calculus AB</b></p> <p>Grade(s): 10-12 AP Scale 1.0 Credit</p>	<p>AP Calculus AB entails a study of the derivative and the integral; average and mean value, including integration by parts; area; volume; length of line segments; work; and force. Also studied are analytic geometry, functions, trigonometric and logarithmic functions and their inverses, conic sections, and parametric equations. A study of limits, continuity, and differential equations of the first order are included in this course.</p>
<p><b>AP Calculus BC</b></p> <p>Grade(s): 10-12 AP Scale 1.0 Credit</p>	<p>AP Calculus entails a study of the derivative and the integral; average and mean value, including integration by parts; area; volume; trigonometric substitutions; partial fractions; length of line segments; work; and force. Also studied are analytic geometry, functions, trigonometric and logarithmic functions and their inverses, conic sections, parametric equations, and polar coordinates. A study of limits, continuity, infinite sums, convergence and divergence of series, power series, and differential equations of the first order are included in this course.</p>

<p><b>AP Statistics</b></p> <p>Grade(s): 11-12</p> <p>AP Scale</p> <p>1.0 Credit</p>	<p>In this course students will focus on: (1) exploratory analysis, making use of graphical and numerical techniques to study patterns and departures from patterns; (2) planning studies, emphasizing collection techniques, validity and forming conjectures; (3) probability, anticipating what a distribution of data should look like under a given set of conditions; and the use of (4) statistical inference, which guides the selection of appropriate models/techniques.</p>
<p><b>Financial Literacy</b></p> <p>Grade(s): 11</p> <p>College Prep Scale</p> <p>0.5 Credit</p>	<p>This is a required course by the State of Ohio for students graduating in the class of 2026 and beyond. This class provides a foundation for what all students should know and gives students the skills needed for them to be informed and savvy consumers in today's fast paced and ever-changing society. Financial Literacy incorporates the following topics: financial responsibility and decision-making, planning and money management, informed consumer, investing, credit and debt and risk management and insurance. Within these topics, students will: develop the ability to make informed and reasoned financial decisions; become prepared for their role as decision-makers as consumers; and act responsibly as consumers and investors and best utilize their limited resources.</p>

## Computer Science

<p><b>Computer Applications 7/8</b></p> <p>Grade(s): 7-8</p> <p>Semester Course</p>	<p>The ability to access and use digital tools and resources are essential skills for all students to be productive in our technological environment. Students will demonstrate the understanding and application of digital tools for accessing, creating, evaluating, applying and communicating ideas and information. Students will learn productivity skills, including word processing, presentations, spreadsheets, and coding, using various software packages, including, but not limited to Google: Drive, Gmail, Forms, Docs, Slides and Sheets, as well as appropriate Internet safety and acceptable use of technology at St. Francis de Sales School.</p>
<p><b>PLTW Automation/Robotics</b></p> <p>Grade(s): 7-8</p> <p>Semester Course</p>	<p>Students will explore mechanical systems, energy transfer, machine automation, and computer control systems. Students will gain experience with VEX robotics parts and Robot C programming language.</p>
<p><b>PLTW Design/Modeling</b></p> <p>Grade(s): 7-8</p> <p>Semester Course</p>	<p>Students will discover the design process and develop an understanding of the influence of creativity and innovation in their lives. Students will gain experience with Autodesk 123D Design and 3D printing.</p>
<p><b>Computer Literacy</b></p> <p>Grade(s): 9</p> <p>College Prep Scale</p> <p>0.5 Credit</p>	<p>Accessing and using digital tools and resources are essential skills for all students to be productive in our technology environment. Students will be instructed on utilizing a variety of computer applications emphasizing the concept of Digital Citizenship while improving decision-making, productivity, communication, and problem-solving skills. The various computer professional documents and presentation, collaborate via digital environments, as well as manage information effectively and efficiently. Students will leave the course with a strong digital applications foundation which will enhance their academic performance both in high school and throughout their pursuit of higher education and leave them with an understanding of social, ethical and human issues related to technology.</p>

# Science

<p><b>Science 7 – Physical Science</b></p> <p>Grade(s): 7 Full Year Course</p>	<p>This course introduces the general principles of physics and chemistry. Topics include measurement, motion, Newton’s Laws of Motion, momentum, energy, work, power, heat, waves, sound, light, electricity, magnetism, and chemical principles. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced.</p>
<p><b>Science 8 – Life Science</b></p> <p>Grade(s): 8 Full Year Course</p>	<p>This course introduces the students to a general understanding of the fundamental principles of life that extend from single celled organisms to plants and plant processes, animals and their ecosystems, and human beings. Students also obtain the knowledge, skills, and motivation necessary to maintain a healthy lifestyle.</p>
<p><b>Science Elective 7/8 – Introduction to Exercise Science</b></p> <p>Grade(s): 7/8 Semester Course</p>	<p>This course provides each student with a current understanding of the interaction of physiological principles as affected by sport and exercise. We begin with an overview of what exercise physiology consists of and continue into how it affects our life. We will utilize equipment and learn ins and outs of technology used in the field of sport and exercise physiology. This class is great for both athletes and non-athletes alike. Physiological functions of the body will be investigated as it relates to each student’s own body. These principles and ideas will be reinforced and applied to a wide-variety of situations in today’s world. An integrated approach will be used as many subject areas will be tapped into to be successful in this class. Students will be challenged to draw their own conclusions from observations based on experimentation done in the class.</p>
<p><b>Biology</b></p> <p>Grade(s): 9 College Prep Scale 1.0 Credit</p>	<p>This course will cover basic biochemistry, cell structure and function, protists, mitosis, cell respiration, human body systems, bacteriology, immunity, meiosis, genetics, ecology, fungi, photosynthesis, and plants. Workbook assignments reinforce the textbook concepts. One period per week will be spent in the lab doing experiments and dissections.</p>
<p><b>Honors Biology</b></p> <p>Grade(s): 9 Honors Scale 1.0 Credit</p>	<p>This honors course will cover biochemistry, cell structure and function, mitosis vs. meiosis, photosynthesis vs. cell respiration, protists, evolution by natural selection, bacteriology, virology, immunity, human body systems, genetics, fungi, and botany. One period per week will be spent in the lab doing hands-on experiments and dissections.</p>
<p><b>Physical Science</b></p> <p>Grade(s): 10 College Prep Scale 1.0 Credit</p>	<p>This course is designed to give the student a comprehensive science orientation involving four basic units of study (chemistry, earth and space sciences, and physics). A general science activity book is used to supplement the reading material in the textbook and to promote the development of laboratory techniques.</p>
<p><b>Honors Chemistry</b></p> <p>Grade(s): 10 Honors Scale 1.0 Credit</p>	<p>This chemistry course is designed to introduce the student to a thorough understanding of the facts and principles of modern chemistry. The student is expected to develop critical thinking and problem solving skills that are not only useful in chemistry but in everyday life as well. The main theories and principles (such as energy, structure of matter, chemical reactions, phases of matter, bonding, solutions, kinetics, equilibrium, acids and bases, oxidation and reduction, and nuclear chemistry) are incorporated into the laboratory program which introduces these topics and further validates the results and uses of the theories studied. The laboratory work is an important part of the course because it expands upon the facts, formulas, and principles of chemistry.</p>

<p><b>Chemistry</b></p> <p>Grade(s): 10-11 College Prep Scale 1.0 Credit</p>	<p>Chemistry is a study of the composition and structure of matter. The structure of the atom will be studied with emphasis on the arrangement of electrons in elements from the periodic table. Atomic symbols, chemical formulas and properties of substances will be studied along with their physical characteristics. The chemical composition which results from bonding will be expressed in equations and mass relationships. Types of chemical reactions, stoichiometry, and the gas laws will also be examined. Laboratory work will be performed with acquired concepts and ideas will be communicated in written lab reports.</p>
<p><b>Honors Physics</b></p> <p>Grade(s): 11 Honors Scale 1.0 Credit</p>	<p>Honors Physics is a first year course investigating the nature of the physical world, including mechanics (motion and forces), electricity/magnetism, and wave theory (sound and light). Students will develop ideas through discussion, lab activities, and projects. Students should expect to use these ideas to solve problems, and to express these ideas in writing. Basic skills in grammar and writing are also required. Students considering an AP science course or a science related field in college should take this course.</p>
<p><b>Environmental Science</b></p> <p>Grade(s): 11-12 College Prep Scale 1.0 Credit</p>	<p>Environmental Science is the study of the components of our surroundings, both living and nonliving, and the interactions of these components. This course will help students gain a greater understanding of many of the concepts included in this definition, including air, water, soil, geology, and our relationships as humans to the environment. Students will also be exposed to the current debates on policies and opinions in regard to the earth and its environment.</p>
<p><b>Anatomy &amp; Physiology</b></p> <p>Grade(s): 11-12 College Prep Scale 1.0 Credit</p>	<p>This course is designed to give the student an in-depth view of the body's structure (anatomy) and function (physiology). Several body systems will be studied with the aid of surgical videos. The students will be exposed to a variety of the health-care professions. This is primarily a lecture course with the students culminating their work by performing a comparative dissection in the laboratory.</p>
<p><b>Honors Introduction to Exercise Physiology</b></p> <p>Grade(s): 11-12 Honors Scale 0.5 Credit</p>	<p>This course provides each student with a current understanding of the interaction of physiological principles as affected by sport and exercise. We begin with an overview of what exercise physiology consists of and continue into how it affects our life. Context and application of equipment will be discussed especially in the initial meetings of the class. Both athletes and non-athletes alike will benefit from this class as much of the technology and equipment used applies to both. Simple equations and will be used as a requirement for calculations. These principles and ideas will be reinforced and applied to a wide-variety of situations in today's world. An integrated approach will be used as many subject areas will be tapped into to be successful in this class. There is correlational research component where each student will draw their own conclusions from observations based on experimentation done in the class.</p>
<p><b>AP Physics C: Mechanics</b></p> <p>Grade(s): 11 AP Scale 1.0 Credit</p>	<p>This is a first year physics course which covers in depth concepts from mechanics. Problem solving is the major component of this course. Topics studied include: kinematics; Newton's laws of motion; work, energy and power; systems of particles; and linear momentum. Students will also study oscillations, gravitation, circular motion, and rotation. Students should expect to use the concepts covered in an integrated fashion. Excellent math skills are required, including the ability to use derivatives and integrals.</p>
<p><b>AP Biology</b></p> <p>Grade(s): 12 AP Scale 1.0 Credit</p>	<p>AP Biology is the equivalent of a first year university course in general biology. General topics include biological chemistry, cells, energy transformations, molecular biology, molecular genetics, bacteria, protists, fungi, plants, and animals. Each of these topics is related to overall themes such as heredity, evolution, ecology, and bioethics.</p>
<p><b>AP Chemistry</b></p> <p>Grade(s): 12 AP Scale 1.0 Credit</p>	<p>AP Chemistry is the equivalent of a general chemistry course typically taken during the first year of college. This course provides an opportunity for further study of general chemical topics in order to prepare the student for future college courses in chemistry or in the various other areas where general chemistry is a prerequisite. Laboratory work and individual work in lab are stressed. Dealing competently with chemical problems is a goal of this course.</p>
<p><b>AP Physics C: E&amp;M</b></p>	<p>This is a second year physics course which covers in depth concepts from electricity and magnetism. Problem solving is the major component of this course. Course topics include: electrostatics; conductors, capacitors and</p>

Grade(s): 12 AP Scale 1.0 Credit	dielectrics; electric circuits; magnetic fields; and electromagnetism. Excellent math skills are required, including the ability to use derivatives and integrals.
<b>Honors Intro to Computer Science</b>  Grade(s): 9,11,12 Honors Scale 0.5 Credit	Introduction to Computer Science (ICS) is designed to be implemented as a half-year high school course or two nine- week PLTW Gateway modules. In each module, student teams create an Android interface to solve a problem the team defines. Students learn fundamental computer science (CS) concepts using MIT App Inventor. The course aims to develop computational thinking and build student excitement. Several days in each module are targeted to build career awareness about computing skills in all fields and to improve students' cyber hygiene.
<b>Game Design</b>  Grade(s): 11-12 College Prep Scale 0.5 Credit	This course will give students the theory and practical aspects of the entire game development process. Students will brainstorm a game idea, establish focus, determine the storytelling mode, analyze several games, and document the design and play testing scenarios while developing skills in video game design and development from concept to completion. Students will be expected to review a game, design a board game, write and analyze a game story, and design and implement a 2D game using Game Maker that integrates all issues treated in the course.
<b>Web Design</b>  Grade(s): 11-12 College Prep Scale 0.5 Credit	WWW Documents will be created using the HTML 5.0 language. An emphasis will be placed on the concepts of document organization, structure, tags and tag attributes, rather than on the use of WYSIWYG editors. Web page styling will be done using the latest in cascading style sheets. Introductory programming concepts will be introduced using the JavaScript programming language
<b>PLTW Intro to Cybersecurity</b>  Grade(s): 11-12 Honors Scale 0.5 Credit	This course introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.
<b>PLTW Intro to Engineering Design</b>  Grade(s): 11-12 Honors Scale 0.5 Credit	Students dig deep into the engineering design process, applying math, science, and engineering standards to hands- on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.
<b>AP Computer Science A</b>  Grade(s): 11-12 AP Scale 1.0 Credit	This course emphasizes programming methodology, algorithms, and data structures. The programming language used will be Java. Applications are used to develop student awareness of the need for particular algorithms and data structures, and to provide topics for programming assignments which students can use to apply their knowledge.
<b>AP Computer Science Principles</b>  Grade(s): 11-12 AP Scale 1.0 Credit	AP CS Principles has been designed as a year-long high school course that fully addresses the seven Big Ideas of computer science and six Computational Thinking Practices as specified by the College Board's AP Computer Science Principles curriculum framework. The lessons and materials used throughout this course incorporate Project-Based Learning (PBL), a pedagogical approach that actively engages students in the educational process, improves retention, and develops problem solving, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students are encouraged to explore the advantages and societal impact of computational technology while developing their own programming and computational thinking skills.

## Fine Arts



<p><b>Art 7/8</b></p> <p>Grade(s): 7-8</p> <p>Semester Course</p>	<p>This introductory course to the study of design is open to any interested student. It teaches the elements of design which include line, shape, form, value, color, space and texture through a variety of art experiences and media. All divisions emphasize not only the fine arts but also the useful arts. The study of art develops originality, independent thinking and proficiency in creative problem solving.</p>
<p><b>Music 7/8</b></p> <p>Grade(s): 7-8</p> <p>Semester Course</p>	<p>This course is a comprehensive course that will give the students a better understanding and appreciation for the world of speech and the world of drama. Building one's self confidence is a key to success.</p>
<p><b>Speech &amp; Drama 7/8</b></p> <p>Grade(s): 7-8</p> <p>Semester Course</p>	<p>This course will explore various works such as Godspell, James and the Giant Peach, The Wizard of OZ, and Peter Pan. We will discover the influence Disney has had on Broadway and perform scenes from The Lion King, Beauty and the Beast, and The Little Mermaid. The class will be introduced to dramatic, humorous, and duo interpretation. Using plays, stories, and poems students will perform a selection or portion of the piece for the class. We will use Reader's Theatre as a medium to prepare for an introduction to public speaking.</p>
<p><b>Concert Band</b></p> <p>Grade(s): 7-12</p> <p>Pass/Fail</p> <p>0.5 Credit</p>	<p>Concert Band is a performing ensemble that produces three to five major concerts each year, with additional performances at various school and community functions. Strong emphasis is placed on teaching fundamental playing techniques. The primary goal for both bands is to promote music literacy through the reading and playing of music.</p>
<p><b>Marching Band</b></p> <p>Grade(s): 7-12</p> <p>Pass/Fail</p> <p>0.5 Credit</p>	<p>The St. Francis Marching Band performs at all St. Francis football games, school functions, area parades, band festivals, and competitions. Emphasis is placed on the quality of both marching and the overall sound of the group. The group is very much performance oriented.</p>
<p><b>Chorus</b></p> <p>Grade(s): 7-12</p> <p>Pass/Fail</p> <p>0.5 Credit</p>	<p>The St. Francis Men's Chorus is open to any student with an average voice, a good ear, and a strong desire to sing. Chorus produces three to five major concerts each year. Additional performances include various school and community functions. This course is offered outside the regular school schedule.</p>
<p><b>Performing Arts I</b></p> <p>Grade(s): 9-12</p> <p>Pass/Fail</p> <p>0.25 Credit</p>	<p>Through the Spring Musical production, students will incorporate specialized theatrical terminology accurately and consistently in analyzing dramatic experiences; they will indicate artistic techniques used in planning and performing theatrical work; they will be able to defend their responses to theatre based on personal experience, and they will respect diverse opinions regarding dramatic performances. Moreover, students will synthesize knowledge of the arts through their participation in the creation of a theatrical work.</p>
<p><b>Performing Arts II</b></p> <p>Grade(s): 9-12</p> <p>Pass/Fail</p> <p>0.25 Credit</p>	<p>Through the Spring Musical production, students will incorporate specialized theatrical terminology accurately and consistently in analyzing dramatic experiences; they will indicate artistic techniques used in planning and performing theatrical work; they will be able to defend their responses to theatre based on personal experience, and they will respect diverse opinions regarding dramatic performances. Moreover, students will synthesize knowledge of the arts through their participation in the creation of a theatrical work.</p>

<p><b>Art Fundamentals</b></p> <p>Grade(s): 8-12 College Prep Scale 0.5 Credit</p>	<p>Art Fundamentals is a studio-based course emphasizing the development of the skills necessary to produce art in a variety of media. Students will recognize the importance of art across the curriculum and throughout life as they explore the impact of contributions of visual art historically, culturally, socially, and politically. Students will study principles and elements of design. Basic drawing is emphasized early in the year and reinforced throughout the course. Students will learn techniques for drawing realistically as well as working from imagination with a wide range of drawing materials. They will learn painting techniques, colors, color mixing and textures, in both acrylic and watercolor. Students will be acquainted with media of mono-print, woodblock, and linoleum block printing. Students will learn about sculpture, materials, tools and processes, and will have the opportunity to analyze and interpret relationships and meanings in their own work and that of other artists.</p>
<p><b>Drawing I</b></p> <p>Grade(s): 10-12 College Prep Scale 0.5 Credit</p>	<p>Drawing 1 is a studio-based course where art students will develop skills in observational drawing. Art students will work in a variety of dry media such as graphite, charcoal and pastel to describe objects in a naturalistic style. Art students will also have the opportunity to draw from imagination, while developing underlying drawing skills. Students will also analyze and interpret relationships and meanings in their own work and that of other artists.</p>
<p><b>Painting I</b></p> <p>Grade(s): 10-12 College Prep Scale 0.5 Credit</p>	<p>Painting 1 is a studio-based course where art students will be introduced to color mixing and techniques for painting in traditional wet media such as acrylic, watercolor, tempera and ink. Art Students will learn techniques for describing objects with paint in a naturalistic style, while developing underlying drawing skills. Art students will have the opportunity to analyze and interpret relationships and meanings in their own work and that of other artists.</p>
<p><b>Drawing II</b></p> <p>Grade(s): 10-12 College Prep Scale 0.5 Credit</p>	<p>Drawing 2 is a studio-based course building on the skills learned in Drawing 1. Art students will develop skills in observational drawing of still life, landscapes, faces and the figure. Art students will work in a variety of dry media such as graphite, charcoal and pastel to describe objects in a naturalistic style. History of Art topics will be introduced as Art Students learn to analyze and interpret relationships and meanings in their own work and that of other artists.</p>
<p><b>Painting II</b></p> <p>Grade(s): 10-12 College Prep Scale 0.5 Credit</p>	<p>Painting 2 is a studio-based course building on the skills developed in Painting 1. Art students will learn advanced techniques for color mixing and describing objects with paint in a naturalistic style, working in traditional media such as watercolor and acrylic on canvas. History of Art topics will be introduced as Art Students learn to analyze and interpret relationships and meanings in their own work and that of other artists.</p>
<p><b>3D Design</b></p> <p>Grade(s): 10-12 College Prep Scale 0.5 Credit</p>	<p>3D Design will teach the fundamental methods for creating the 3-dimensional art form. Art Students will have the opportunity to explore woodworking, clay, leather tooling and 3D printing. Demonstrations of materials and processes will be presented. Emphasis will be placed on craftsmanship, creativity, and application of the Elements and Principles of design. Sketches will be developed for research and planning, building on the drawing skills introduced in previous art courses.</p>
<p><b>Graphic Design I</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>In this course, students will study the field of computer art and illustration using the latest Adobe software. Students will explore topics in: printing and scanning, such as color management and high resolution print media; development of page layouts that combine text and graphics; development of digital photography skills; and techniques in Illustrator and Photoshop.</p>
<p><b>Graphic Design II</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>Graphic Design II is a continuation of Graphic Design I. Students will more deeply explore the interaction of text and image. They will become more independent in their use of components of graphic communication and develop a higher level of craftsmanship. Students will create independent, visual and creative solutions to typical problems faced by graphic designers. They will be expected to expand their proficiency in all aspects of the design process, including creative brainstorming, conceptualizing, critical thinking, collaboration, and presentation, along with the use of design programs. Requires <b>Mrs. Austin's</b> approval and signature.</p>

<p><b>Public Speaking</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>This course will provide the fundamentals of speech preparation and delivery based on the five canons of rhetorical composition. A minimum (6-8) number of speeches (2-10 minutes in length) will be required. Topics include demonstration, visual-aids, reporting, and special occasion speeches. Impromptu delivery techniques, debate, public reading, and memorization will also be included</p>
<p><b>History of Film</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>Movies are very common in this country. Due to the development of videos, DVDs, Netflix and You Tube, we have a plethora of films to choose from that we can watch at home. We will be studying what happens when we watch a film and how the filmmaker makes us feel different emotions. Why do we watch the same movie hundreds of times and why some sequels are really bad and why do some make millions of dollars? Why is the storyline so important to the success of the movie and how literature to film can be so successful like HARRY POTTER and THE HUNGER GAMES? The importance of making historical films like LINCOLN, ARGO or TWELVE YEARS A SLAVE will be explored along with the influence DISNEY has had on the evolution of animated film.</p>
<p><b>History of Musical Theatre</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>This course will explore the history of the great white way, starting with some of the earliest forms of musical theatre, which has grown into what we know better today as Broadway. We will be studying how musical theatre has changed our lives over the years and the today's culture. Why some musicals are huge Broadway spectaculars like HAMILTON and RENT and why do others only last a short time on the Broadway stage. How the likes of Andrew Lloyd Webber and Stephen Sondheim have influenced what we see on the stage today? Comparing why some Broadway musicals make a great movie and others don't. The influence DISNEY has had on the shows you see on Broadway today will also be reviewed. The importance of the book to a Broadway musical and how the idea of a show becomes a reality is also examined.</p>
<p><b>Yearbook</b></p> <p>Grade(s): 11-12 College Prep Scale 1.0 Credit</p>	<p>Students who take this course will learn the language of publishing, be proficient at desktop publishing, and develop skills to analyze journalistic work. Yearbook students will (1) learn to conduct interviews and to accurately quote outside sources; (2) develop an eye for what is newsworthy and research events and people to obtain accurate and interesting information; (3) write, revise and edit copy; (4) write headlines, sub-headlines, kickers, side-bars and captions; (5) design and complete spreads using publishing software; (6) recognize quality photos as well as take and crop photos; (7) collaborate on design and theme; (8) learn to appreciate quality journalism; (9) meet publishing deadlines. Requires <b>Mrs. Austin's</b> signature and approval.</p>
<p><b>AP Studio Art</b></p> <p>Grade(s): 12 AP Scale 1.0 Credit</p>	<p>The AP Studio Art course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and execution in 2D design. This course is based on a student creating a body of work that demonstrates quality, concentration and breadth. The portfolio will include 12 pieces of a breadth and 12 pieces of a concentration. This portfolio will be submitted to the College Board for college credit.</p>

## Health and Physical Education

<p><b>Health/PE 7/8</b></p> <p>Grade(s): 7/8 Semester Course</p>	<p>This course will introduce students to the importance of team play and skills necessary in playing team sports. Students will focus on proper warm up and what it takes to be ready for team and individual play. Activities include: soccer, speedball, touch football, kickball, softball, Ultimate Frisbee, basketball, volleyball, dodgeball, floor hockey, and table tennis. Individually, students will complete the Presidential Youth Fitness Program tests and work on lower back stretching. Students will be introduced in Health to safety and first aid, CPR and the use of an AED. Students will discuss diet and healthy living lifestyles. Students will also be introduced and discuss drug abuse.</p>
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<p><b>PE I</b></p> <p>Grade(s): 9 College Prep Scale 0.25 Credit</p>	<p>Students will be given a letter grade in accordance to their overall performance in physical activity, knowledge of content, (will have written tests), skill development of a particular activity and participation on a day to day basis. Our students will be asked to write and research various sport activities in conjunction with our English department. Students will learn about using a MLA format in writing and researching their paper. The idea of given a written test over rules and regulations makes it possible for students to better understand each and every activity that is planned. Skill testing gives will be given with the end result in students getting better at a skill as the class progresses in game activity. Students will not only be able to perform the sill but explain it as well.</p>
<p><b>PE II</b></p> <p>Grade(s): 10 College Prep Scale 0.25 Credit</p>	<p>This course is designed for students to gain a greater understanding of life-long aerobic activity in swimming. The students will also acquire skills and knowledge in safety and first aid and the knowledge in saving a life, if a person is having a cardiac arrest or heart attack. I am also an Authorized Provider through the American Red Cross. Students can become certified in CPR/AED for the Professional, or choose to become a certified lifeguard. These skills and testing takes place during regular school day classes. If a student can't swim, he will be instructed in learning survival skills in deep water, and also instructed in learning basic concepts in learning how to swim. Our lifeguarding program has been very successful in helping sophomores get a chance for summer full time employment throughout the Toledo vicinity. Both certifications are good for two years and then a student must re-certify.</p>
<p><b>Health</b></p> <p>Grade(s): 10 College Prep Scale 0.5 Credit</p>	<p>Eight major topics covered in this comprehensive course are: human lifestyles, total fitness, strength and conditioning, mental health and behavior, drug abuse, human sexuality, first aid and safety, and decisions that affect a lifetime of good health.</p>
<p><b>PE 3</b></p> <p>Grade(s): 11-12 College Prep Scale 0.5 Credit</p>	<p>This course is designed for juniors and seniors who have successfully completed Physical Education 1 and 2. The course will emphasize: (1) enhancing physical fitness and improving physical skill through cardiovascular cross- training and exercises including endurance, strength, flexibility, and conditioning activities; (2) body awareness; and (3) life-long participation in physical fitness and its importance to overall wellbeing.</p>

## College Credit Plus

<p>UT Intro to Engineering</p> <p>Grade(s): 12 AP Prep Scale 1.0 Credit</p>	<p>In the course INTRODUCTION TO ENGINEERING you will learn: [1] what engineers do, [2] why engineers love their job, [3] how interesting the work is, [4] how much engineers affect society, [5] how much money and prestige go along with being an engineer, [6] how much time and effort it takes to become an engineer, [7] what you need to learn in order to succeed in engineering, and [8] how you can get through any engineering program in the USA even if you are not a math or science whiz.</p>
<p>UT Intro to Business</p> <p>Grade(s): 11-12 College Prep Scale 1.0 Credit</p>	<p>Introduction to the various functional areas of business, the critical role business plays in the economy, the impact of globalization and the performance of business functions. This course is an introduction and overview to the various functional areas in business, the critical role business plays in the economy, the impact of globalization and technology and the performance of business functions. The basics of business terminology and how these terms are used to run a business will be discussed and applied. How to begin to run and organize a business is a critical element of the course. The practical application of the topics contained here is a large portion of the course.</p>

UT Intro to Law Grade(s): 11-12 AP Prep Scale 1.0 Credit	The course is designed to improve oral and written communication skills through the study of contracts, real property, torts and criminal law. The course includes the structure and operation of the state and federal court systems, as well as the status and uses of paralegals.
UT Intro to Health Careers Grade(s): 11-12 AP Prep Scale 1.0 Credit	This course is designed to introduce students to different areas of Health Careers needed in private practice, hospitals and clinics.

## Other

College Vision Grade(s): 11 Pass/Fail 0.25 Credit	Students will learn and develop skills and materials that will assist them in understanding and becoming prepared for the college admissions process. Students will learn a multitude of skills but some of the most important include, applying to college, GPA and test scores, scholarships, essays, and more.
Teacher Aide Grade(s): 12 Pass/Fail 0.25 Credit	Students will assist the teacher in daily activities and duties in the classroom. There are two (2) options for a Teacher Aide period. One option is a full year MWF during 1 <sup>st</sup> period; and the second option is one (1) semester either 1 <sup>st</sup> semester or 2 <sup>nd</sup> semester M-F. Attendance will be taken for this class.

## Course Prerequisites and Requirements

English	
Honors Analysis of Literature	Min 3.75 GPA. Prerequisite of Honors English 9 with current instructor approval. Sophomores only.
Honors Junior English	Instructor approval and signature.
Honors Senior English	Instructor approval and signature.
AP English Language & Composition	Min 3.75 GPA with current instructor approval based on student writing sample. Juniors only.
AP English Literature & Composition	Min 3.75 GPA. Seniors only. Writing sample required for all non-AP or non-honors students.
Theology	
Senior Religion Seminar	Limited to 25 students. Highest GPAs have priority. Must be a theist.
Art	
Drawing I	Prerequisite of Art Fundamentals
Drawing II	Prerequisite of Drawing I
Painting I	Prerequisite of Art Fundamentals
Painting II	Prerequisite of Painting I
3D Design	Prerequisite of Art Fundamentals
AP Studio Art 2D	Prerequisite of Art I with instructor approval.

Yearbook	Must complete application and interview with Mrs. Austin.
Graphic Design II	Prerequisite of Graphic Design I
<b>Mathematics</b>	
All Honor Math Courses	Need instructor placement and approval
<b>Science</b>	
Honors Chemistry	Minimum 3.75 GPA. Prerequisite Honors Biology. An average in math courses. Sophomores only.
Honors Physics	Prerequisite of Chemistry or Honors Chemistry
AP Physics C: Mechanics	Prerequisite of Honors Chemistry or Honors Physics. Co-requisite of AP Calculus.
AP Physics C: Electricity & Magnetism	Prerequisite of AP Physics Mechanics or Honors Physics. Co/prerequisite of AP Calculus. Seniors only.
AP Chemistry	Min 3.75 GPA; Must complete a minimum of Pre-Calculus by junior year. Seniors only.
AP Biology	Min 3.75 GPA. Seniors only.
AP Computer Science A AP Computer Science Principles	Needs instructor approval (Mr. Blochowski)
<b>Social Studies</b>	
Leadership in the Salesian Tradition	Instructor approval and signature.
AP US History	Min 3.75 GPA
AP US Government & Politics	Min 3.75 GPA
AP World History	Min 3.75 GPA
AP Psychology	Min 3.25 GPA or current social studies teacher approval.
AP Macroeconomics AP Microeconomics	Min 3.5 GPA
Honors Law for Business and Personal Use	Min 3.0 GPA
<b>World Languages</b>	
All AP & Level 3 Languages	Needs current instructor/department approval