

ST. MICHAEL *the* ARCHANGEL CATHOLIC HIGH SCHOOL

KNOW TRUTH | LOVE GOD | SERVE OTHERS

Course Catalog 2021-2022

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MISSION STATEMENT

Through Jesus Christ, St. Michael the Archangel Catholic High School calls young men and women to embrace their God-given gifts in order to know truth, love God and serve others as His brave and humble disciples.

VISION

By the grace of God our Father, St. Michael the Archangel Catholic High School is a passionately Catholic academic community that, through the Holy Spirit, welcomes and forms heroically virtuous disciples by daily living encounters with Jesus Christ.

COMMITMENT TO EXCELLENCE

Catholic schools in the Diocese of Kansas City ~ St. Joseph are accredited, safe and staffed with certified instructors. As a commitment, the diocesan schools are distinctly Catholic, academically excellent, and committed to service. St. Michael the Archangel Catholic High School is a Catholic, diocesan, co-educational high school providing students in 9th through 12th grade a Christ-centered, safe environment in which to excel academically and to grow spiritually.

SMA curriculum is rooted in traditional Catholic values and committed to evangelization and discipleship of our Catholic Faith. Our instructors and administration have a passionate desire to teach our students to *know truth, love God, and serve others*.

The SMA Course Catalog provides parents and students with valuable information regarding learning opportunities and course selections. Each year programs and course selections are modified based upon student interest and school enrollment. Please note that listed courses may not be offered due to lack of student interest or insufficient enrollment. Course selections for the upcoming school year are made during the second semester of the current year. All of the information contained within the SMA Course Catalog is true and accurate at the time of publication; however, due to unforeseen circumstances some information may become inaccurate. Fees, requirements, and other circumstances may alter with time. For the most current information, contact school administration.

ACADEMIC SUCCESS

St. Michael the Archangel Catholic High School provides academic programs designed for individual success. Learning challenges are faced through individualized support and collaborative efforts.

Satisfactory academic progress is required for continued enrollment at SMA. Eligibility requirements for participating in sports and other extracurricular activities are detailed in the SMA Student Handbook and the SMA Athletic Handbook. In order to achieve satisfactory academic progress, students must meet or exceed the following criteria:

- 7 credits and 25 verified service hours prior to starting the sophomore year
- 14 credits and 50 verified service hours prior to starting the junior year
- 20 credits and 75 verified service hours prior to starting the senior year
- 27 credits and 100 verified service hours for graduation

ST. MICHAEL INCLUSIVE LEARNING ENHANCEMENT (SMILE)

St. Michael the Archangel Catholic High School is committed to assisting every student's academic, spiritual, and social growth. Careful selection of courses assists in preparing students for life after high school. Parents with concerns about their son or daughter's needs must contact our Administration to discuss SMILE. We are committed to making accommodations necessary for each student's success. Students receiving SMILE Zone accommodations must have an SEP on file.

In accordance with Student Education Plan requirements to meet the individual needs of students identified with exceptional needs, direct instruction may be provided in the core areas; Math, English, Social Studies, Science, Religion, Life Skills - 9th/10th grade year, Vocational Skills - 11th/12th grade year and Career Exploration.

ACCESSING ACADEMIC INFORMATION

Grades, attendance, and conduct reports may be viewed via PowerSchool. Login information may be obtained from the Registrar's office. All tests, projects, and assignments may be viewed via Google Classroom. SMA reports grades as percentages and does not assign letter grades. Semester grades and GPA may be accessed online. Report cards are emailed to parents at mid-semester and the end of the semester by SMA. Students are not ranked. All official transcripts are the property of St. Michael the Archangel Catholic High School. Official transcripts are sent directly to a college from the Registrar's Office free of charge.

FAILING GRADES

For each semester passed, students receive ½ credit toward graduation. Students do not receive credit toward graduation for any failing grades (**any grade that is below 60% is considered failing**). Any credit shortages must be obtained through an Administration pre-approved alternative method. Administrative approval must be requested and granted prior to the student starting the alternative course. It is at the discretion of Administration to determine if the alternative course meets SMA requirements. Generally, courses offered by the local school districts and area Catholic high schools are preferred. Students are not allowed to repeat a course failed the first semester during the second semester of the same year. If a student fails a second semester course in the world language, mathematics or chemistry they must repeat the entire year or take summer school to recover the credit unless the yearlong course is broken into semester chunks. Students cannot start a core course second semester.

At the discretion of the Administration, students who fail the first semester of a yearlong course but pass the second semester with 75% or higher grade may still receive credit for the course. Consideration for this exception depends upon the course and verification that it would not be possible to earn a 75% second semester unless the work of the first semester had been learned. Courses generally meeting these criteria are world languages, mathematics and science.

Seniors who do not attain the required credits must meet with administration to determine if they can participate in graduation activities. Diplomas and transcripts will not be issued for failing grades.

ACADEMIC PROBATION PROGRAM

The goal of the Academic Probation Program is to help students stay on track for graduation. Failing two or more semester courses places a student on Academic Probation. If a student on Academic Probation fails two or more subsequent semester courses, they will be asked to find an alternative education plan. It is the responsibility of SMA to inform students and parents of their student's academic standing. This information may come via email, phone call, and/or parent-teacher conference. Additionally, SMA will provide an environment where additional supports are available to help students that are struggling academically. It is the family's responsibility to ensure their student is taking full advantage of the services provided by SMA. A student's dedication to improvement will be considered by the Administration when reviewing the student's academic probation status.

SCHEDULE CHANGES & WITHDRAWING FROM COURSES

Courses are offered based upon students' needs and interests. Careful and accurate course selection is essential for students to create a diverse and enriching academic experience. Great care is also taken by the Administration when determining which courses to offer. Budgets and staffing decisions are determined by enrollment and course request. To remain academically sound and financially responsible, course change requests must be made by June 1st.

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SMA TECHNOLOGY MISSION STATEMENT

St. Michael the Archangel Catholic High School is committed to helping students *know truth, love God, and serve others*. Faculty and staff are dedicated to creating a 21st century learning environment rooted in our Catholic faith and values. Technology at SMA is infused in our daily lives to help promote an environment of discovery that fosters *digital responsibility, personalized learning, and helping students become independent, self-directed learners*.

Digital Responsibility

- Catholic Faith
- Faith-Based Learning, Mission-Focused
- Dignity of the Human Person
- Director of Technology and Dean of Students - student accountability
- Technology Use Agreement-Signed during enrollment every year prior to course selection
- Student Handbook
- Technology Free Zones (lunch and House)
- Health and Wellness Programming in Theology and PE courses

Personalized Learning

- Community System - Leadership Program
- Age-specific retreat program
- Advanced Placement Program - Dual Credit Opportunities (UMKC)
- Regular course options
- Learning Academies – *Aviation, Healthcare, Business and Technology, Human Services*
- National Honor Society
- Inclusive Education Program - SMILE Program
- Christian Stewardship Program - 25 hours of service in a different service area of choice each year before graduation (100 total)
- A+ Program
- Extracurricular activities - Athletics, Performing Arts, Visual Arts, Clubs and Activities

Independent, Self-Directed Learners

- 1:1 Technology Program
- Block Schedule
- Electronic organizational tools on Apple Device
- Physical Layout of School - Collaborative Learning Spaces, Learning Stairs, Commons Area, Genius Bar
- Google Classroom
- PowerSchool
- School Website for daily communication and announcements
- Mission Trips - International, Domestic, March for Life (Washington DC)
- Electronic Morning Announcements via email everyday

TESTING

Standardized Testing by Grade Level		
Grade Level	Test	Details
8th Grade	HSPT	Required for admission
Freshman	Cambridge	Practice ACT (Spring Semester)
Sophomore	Cambridge, PSAT or ACT	Practice ACT or PSAT (Spring Semester)
Junior	PSAT or ACT	PSAT in the fall ACT or SAT (Spring Semester)
Senior	ACT	ACT second attempt before November

College and career guidance are available for all students. The school counselor directs all testing programs. Standardized testing includes HSPT, PSAT, and yearly practice ACT exams. The PSAT is used as a qualifier for the National Merit Scholarship Program.

ACT Testing measures academic readiness for college and is required by many colleges. The score requirements vary so students must check with chosen college(s). Exploring the ACT website provides students and parents with important testing information and tips. In accordance with most college requirements, SMA students are required to take the ACT. Students register for the *Student ACT Test* at www.act.org. Testing is administered at a third-party location of the student's choosing. St. Michael also hosts the District ACT for all our juniors each spring. The St. Michael the Archangel Catholic High School code is **261-668**.

SAT Testing also measures academic readiness for college and is required by many colleges. The score requirements vary so students must check with chosen college(s). In addition to offering the core test, SAT Subject tests are offered in English, History, Languages, and Science. Exploring the College Board website provides students and parents with important testing information and tips. Students register for SAT testing at <https://collegereadiness.collegeboard.org>

ADVANCED PLACEMENT, HONORS & DUAL CREDIT

Advanced Placement

All courses at SMA are designed to challenge each student and to foster passion for lifelong learning. *Advanced Placement* (AP) and Honors courses are intended for those students who show an aptitude and a willingness to diligently pursue various subjects in-depth. Honors and AP Honors Courses will move at an accelerated pace which also means less pre-teaching and review. Although not required for AP courses, Honors coursework provides critical alignment with AP course success. Honors and AP courses receive an additional 5% weighted semester grade to those who earned a 74.9% or higher. Honors and AP course requirements and prerequisites are noted under the specific course descriptions.

Families of students who enroll in Honors or AP courses are **required** to attend an information meeting in the Spring semester.

At the discretion of the university or college and depending upon the student's score on the AP Exam, students may be granted college credit upon graduation from St. Michael the Archangel Catholic High School. AP Exams are administered at SMA in May and are scored by the Educational Testing Service. The cost per exam fluctuates each year and is collected with tuition through the business office. **Students enrolled in an AP course must take the AP exam and cannot drop the course.**

- Typically, students who master AP curricula are hard-working and dedicated to excellence.
- AP enhances a student's opportunities for scholarships and career possibilities.
- AP enhances a student's opportunities for admission into recognized universities and postsecondary programs.
- AP may reduce college costs and the time required to obtain a degree by providing postsecondary credit for courses and examinations completed successfully.

Dual Credit

Through partnerships with the University of Missouri of Kansas City (UMKC), SMA is proud to offer a variety of dual credit courses. The following courses are planned to be eligible for dual credit:

- College Algebra
- Elementary Statistics
- Pre-Calculus
- Calculus
- Dual Credit Honors Modern World History
- Dual Credit Honors U.S. History
- Dual Credit Honors U.S. Government & Politics (1/2 credit)
- Dual Credit Honors Chemistry I & II
- Dual Credit Honors Spanish IV & V
- Dual Credit Honors French IV & V

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Requirements and cost information for UMKC will be announced at a later date. For additional information regarding dual credit at UMKC, please contact the applicable Mathematics or Science instructor. Generally, UMKC requires students to have a cumulative GPA of 3.0 or an ACT composite score of 21 for dual credit. ***The prerequisites for dual credit courses are set by the university and cannot be changed or waived to take the course at the high school level.***

Families of students who enroll in Dual Credit courses are **required** to attend an information meeting in the Spring semester.

COMMUNITY PARTNERSHIPS

Herndon Career Center

Raytown School District, in cooperation with five other area school districts, supports and operates the area career and technical center. The five participating school districts include: Center 58, Grandview C-IV, Hickman Mills C-I, Independence 30, and Lee's Summit R-VII. Within the six districts are eleven high schools: Center, Grandview, Lee's Summit, Lee's Summit North, Lee's Summit West, Raytown, Raytown South, Ruskin, Truman, Van Horn, William Chrisman, and Saint Michael the Archangel Catholic High School. A student must live in **ONE** of the above-mentioned school districts to attend the Herndon Career Center.

Students attending Herndon Career Center are designated by their high school to participate in a specific academic and technical skill-training program at Herndon Career Center. When possible, selection is based on sufficient aptitude to successfully complete the training, strong interest in the occupational area, a desire to seek employment upon completion of training, as well as, a satisfactory school attendance record, good disciplinary standing, and successful academic preparation during high school. Programs include: Advertising & Graphic Design; Automotive Collision; Automotive Technology; Industrial Engineering; Construction Trade; Emergency Medical Technology; Diesel Mechanics; Culinary Arts; Foundations of Nursing; Law Enforcement/Police Science; and Welding/Metal Fabrication.

Early consideration applications are due in February of the school year prior to attendance. GPA requirements vary by program, with the general minimum requirement being a 2.0. Sending districts pay tuition for students to attend Herndon Career Center. It is a privilege and an honor to provide rigorous programs of study for all interested students.

“Herndon Career Center provides high-quality, in-demand workforce training, college preparation and entrepreneurial programs. Herndon Career Center keeps good citizenship and service central to the development of students.”

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Summit Technology Academy

Summit Technology Academy (STA) is a shared campus of junior and senior students who come together for a half-day program as an extension of their home high school. Students seriously interested in science, technology, engineering and math (STEM) related careers should apply to attend the Academy. STEM-related careers encompass network engineering, software development, cyber security, health science, biomedical science, nursing, digital media, aerospace, mechanical, electrical and civil engineering, teacher preparation, and international studies.

The mission of STA is to challenge students to achieve their personal best. STA is a national model for innovation by providing rigorous and relevant opportunities for students. STA develops life-long problem solvers through a culture of inquiry and critical thinking. The students and staff exemplify creativity, professionalism, and leadership.

STA offers programs that blend classroom instruction with hands-on learning experiences. The teachers prepare high school students for their education journey while immersing them in their chosen career path through a variety of on-site field experiences in local businesses, such as hospitals, city offices, engineering firms, data centers and biomedical labs.

STA is a pre-professional learning environment for high school students. It is operated by the Lee's Summit R-7 School District and is a member of an area-wide consortium of school districts called the Career Education Consortium. All of the programs at STA are *Centers of Excellence* as designated by the Career Education Consortium. Sending districts pay tuition for students to attend Summit Technology Academy. SMA students attending STA **MUST** live in a school district that participates in the career education consortium. It is a privilege and an honor to provide rigorous programs of study for all interested students. Minimum GPA for acceptance is a 2.5.

Fort Osage Career & Technology Center

The Career and Technology Center (CTC) offers you the opportunity to explore a potential career field while earning college credit, advanced certifications and new friendships. The five participating school districts include: Blue Springs, Fort Osage, Grain Valley, Independence, and Oak Grove. A student **MUST** live in one of the above-mentioned school districts in order to attend CTC.

CTC offers programs that blend classroom instruction with hands-on learning experiences. The teachers prepare high school students for their education journey while immersing them in their chosen career path, such as Adv. Computer Engineering, Health Science, Agriculture Productions, Automotive Technology, Construction Trades, College Prep. Engineering, CSI/Law Enforcement, Culinary Arts, Cyber Security, EMT, Entrepreneurial Studies, Fire Science, Marketing, Nail Teach, Welding Technology

Enrollment is limited. We factor in grades, attendance, a letter of recommendation and the interview into our final decision.

COLLEGE ATHLETICS

Every student needs to take course selection, grade point average (GPA), and test score requirements seriously, including students considering any possibility of playing a sport collegiately. Beginning with ninth grade course selection, student athletes need to be prepared for future opportunities by carefully selecting courses, completing coursework, and tracking his/her GPA each semester. Collaboration among the student, family, counselor, coaches, and Athletic Office is crucial. Students and parents need to refer to the NCAA (www.eligibilitycenter.org) and the NAIA (www.playnaia.org) websites for current guidelines.

GRADUATION REQUIREMENTS

SMA students must earn 27 credits to qualify for graduation.

Specific course requirements are shown in the Graduation Requirements Table in this section. For reference, comparative graduation requirements for various colleges are also provided.

GRADUATION REQUIREMENTS TABLE				
Course Requirements	SMA (27 credits required)	Competitive Private University (e.g., Notre Dame)	Missouri University System (e.g., MU, UMKC)	Missouri Public or Four-Year University (e.g., UCM, MSU)
Theology	4	0	0	0
English	4	4	4	4
Math	4	4	4	3
Science	3	4	3	3
Social Studies	3	3	3	3
World Language <small>(2 credits of the same language)</small>	2	4	2	0
Fine Arts	1	1	1	1
Practical Arts	1	1	1	.5
Physical Education	1	1	1	1
Health	0.5	0.5	0.5	0.5
Electives	3.5	Requirements Vary	3 credits from WL or CC	Requirements Vary
Additional Requirements	100 service hours	Requirements Vary	Minimum ACT score of 24	Requirements Vary

- Transfer students must have an official transcript on file with SMA prior to enrolling. A student with 7 transferable credits is considered as a sophomore. A student with 13 transferable credits is considered a junior.
- SMA only accepts senior transfers when a family moves into the area.
- One half credit of Physical Education may be earned by actively participating in two full seasons of SMA athletics.
- Students must take Personal Finance (½ credit) during their junior or senior year to fulfill the Missouri personal finance requirement.
- Beginning with Class of 2024, all students will take Modern Communications (½ credit).
- Students must pass Theology and have twenty-five service hours must be completed each year to advance to the next grade level.

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LEARNING ACADEMIES

Students use their own talents, technology, and our entire community to explore multiple academic areas of interests. SMA graduation requirements are already designed to expose students to a wide range of content. The chart below can be used to help students choose core courses and electives related to a specific field of study. Students are not locked into one specific Learning Academy as they are encouraged to investigate multiple areas of study.

Learning Academies			
Courses	Aviation Academy	Business Technology Academy	Human Services
Theology	4 Theology Credits	4 Theology Credits	4 Theology Credits
English	4 English Credits	4 English Credits	4 English Credits
Mathematics	4 Mathematics Credits	4 Mathematics Credits	4 Mathematics Credits
Science	3 Science Credits Elective: Meteorology & Astronomy	3 Science Credits Elective: Computer Science Essentials	3 Science Credits Elective: Anatomy & Physiology
Social Studies	3 Social Studies Credits	3 Social Studies Credits	3 Social Studies Credits Electives: Psychology Sociology
World Language	2 - 4 years World Language	2 - 4 years World Language	2 - 4 years World Language
Business	Personal Finance (½ credit) ½ Credit Elective: Business Essentials	Personal Finance (½ credit) ½ Credit Elective: Business Essentials	Personal Finance (½ credit) ½ Credit Elective: Business Essentials
Health & PE	PE & Health	PE & Health	PE & Health
Fine Arts	1 elective required	1 elective required	1 elective required
Electives	Introduction to Aviation Introduction to Flight & Aircraft Systems Private Pilot Fundamentals The Flying Environment Christian Leadership	Christian Leadership Business Essentials Intro to Principles of Entrepreneurship Accounting Yearbook Economics Intro to Marketing Computer Science	Peer Mentoring Child Development Modern Communications Christian Leadership Senior Practicum

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Learning Academies Continued

Courses	Engineering/Industrial Tech	Healthcare	Performing Arts/Communications
Theology	4 Theology Credits	4 Theology Credits	4 Theology Credits
English	4 English Credits	4 English Credits	4 English Credits
Mathematics	4 Mathematics Credits Course selections include Algebra 1 & 2, Precalculus, Calculus, and College Prep Math or Algebra	4 Mathematics Credits Course selections include Algebra 1 & 2, Precalculus, Calculus, and College Prep Math or Algebra, Elementary Statistics	4 Mathematics Credits
Science	3 Science Credits Elective: AP Chemistry or Physics	3 Science Credits Elective: AP Biology or Chemistry; & Anatomy & Physiology	3 Science Credits
Social Studies	3 Social Studies Credits	3 Social Studies Credits Electives: Psychology, Sociology	3 Social Studies Credits Electives: Psychology, Sociology
World Language	2 - 4 years World Language	2 - 4 years World Language	2 - 4 years World Language
Business	Personal Finance (½ credit)	Personal Finance (½ credit)	Personal Finance (½ credit)
	½ Credit Elective	½ Credit Elective: Business Essentials	½ Credit Elective
Health & PE	PE & Health	PE & Health	PE & Health
Fine Arts	1 elective required	1 elective required	1 elective required
Electives	Introduction to Engineering Careers in Engineering Business Essentials Christian Leadership Introduction Principles of Entrepreneurship Robotics Club	Introduction to Healthcare Peer Mentoring Business Essentials Child Development Modern Communications Christian Leadership Intro to Marketing	Performing Arts/Communication electives

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Missouri A+ Program

The A+ program is a state-sponsored program designed to help students receive additional education or career training following high school. A+ students have 4 years from their high school graduation to utilize their A+ funds. A+ is designed to offer financial assistance for two-year community college and technical programs located in our state. Program details are outlined on the Missouri Department of Higher Education website <https://dhe.mo.gov/ppc/grants/aplusscholarship.php>.

Students interested in the A+ program will need to fill out a contract with our A+ Coordinator, Mr. Page. Additionally, students will need to stay in touch with Mr. Page over the course of their time at SMA in order to make sure all of the documentation for the program is completed correctly. Our goal is to have ALL of our students actively participate in the program, not only to have a focus for success during their 4 years at SMA but also to keep all doors and opportunities open after high school. Many things can happen in the 4 years following graduation from high school. We all have our dreams, but LIFE happens, and plans can ALWAYS change! The goal of St. Michael the Archangel is for our students to be prepared for those life changes and maximize all available resources when they need them!

Benefits of participation in the A+ Program

- Being driven to see A+ through gives you the attitude of a college-bound student.
- Involvement in the program keeps your goals front and center.
- Mentoring others provides a feeling of worth, empowerment, and an opportunity to learn more about yourself.

Requirements for entry into the A+ Program

- Graduate with a minimum unweighted GPA of 2.5 (no rounding)
- Maintain 95% attendance throughout high school (no rounding)
- Maintain good citizenship, refraining from the use of drugs and alcohol
- Complete 50 hours of unpaid tutoring or mentoring
 - Job Shadowing can count for 25% (12.5 hrs.)
- Attain a qualifying Math score on one of the following:
 - Missouri Algebra I End of Course Exam
 - Proficient or Advanced
 - ACT Math Test
 - 17 with a 2.5 GPA
 - 16 with a 2.8 GPA
 - 15 with a 3.0 GPA

Courses by Department

BUSINESS TECHNOLOGY

Business Technology courses instill essential skills, including analytical and critical thinking, problem solving, and marketing and sales, that the student utilizes throughout his or her life. The Business Technology Academy emphasizes S3 Leadership - service, stewardship, shepherdship - inspiring students to be effective, Christ like leaders at home, at work, and in the community. The Business Technology Academy has an advisory council, the Business Technology Advisory Council (BTA) that consists of local business leaders. The BTA collaborates with Business Technology Academy students and instructors to ensure that St. Michael the Archangel's curriculum, learning objectives, and practicum meet and exceed current industry needs and trends. All business courses are counted as Practical Art credits.

BUSINESS TECHNOLOGY COURSES

BUSINESS ESSENTIALS (*BUS203*)

Prerequisite: None

Credit: ½

Grade:

9, 10, 11, 12

During this introductory business course, discover all phases of business, including ownership, marketing, finance, managerial controls, personnel, and the relationship of business to the social and economic environment in which it operates. Explore everything from large corporations to sole proprietorships through examinations of current events, global interactions and real-world experiences.

INTRODUCTION TO MARKETING (*BUS221*)

Prerequisite: Business Essentials

Credit: ½

Grade:

9, 10, 11, 12

This course outlines an instructional program for students who are interested in a career in the field of marketing and management. This class is designed to provide an understanding of the fundamental marketing processes and an orientation to the American free enterprise system. Course content will include seven functions of marketing with an in-depth look into: communication & interpersonal skills, promotion, selling, economics, buying, pricing, do's and don'ts of customer service and much more! The students will operate the Guardian Spirit Shop after school and during home games. Operating the store is a real world, hands on experience in marketing and retail sales. Students will be given a store goal to achieve before the end of the semester.

INTRO TO PRINCIPLES OF ENTREPRENEURSHIP (BUS215) Prerequisite: Business Essentials	Credit: ½	Grade: 9, 10, 11, 12
<p>This course is designed to offer practical training and experience to students in the field of entrepreneurship and management. Students will gain an appreciation for business and free enterprise, complete a business plan, and have an understanding of the components for a successful business. Through team activities, hands-on experiences and competitions, students are challenged to start their own business, enhance their business skills for future and career opportunities. As part of the curriculum students will visit local businesses and learn from guest speakers for a real world, authentic experience.</p>		
PERSONAL FINANCE (BUS201) Required Prerequisite: None	Credit: ½	Grade: 11, 12
<p>An experiential course that provides hands-on experience at building and managing personal wealth, including financial ethics and Catholic Stewardship. Students will learn about what personal finance is and will be able to identify and practice the components of effective financial planning as presented through the high school edition of Dave Ramsey's <i>Foundations in Personal Finance</i>. Students will learn about the evolution of money, their money personality, the myths surrounding credit cards and student loans, as well as the basics of banking, budgeting, saving, insurance, taxes, retirement, investments, marriage and money, and building wealth</p> <p>Required course for all students. Personal Finance counts as ½ of a required Practical Art credit.</p>		
YEARBOOK (TECH 203) Prerequisite: None	Credit: 1	Grade: 10, 11, 12
<p>Yearbook provides students with the unique opportunity to operate a business. Operationally, students learn to run a business through the creation and management of the yearbook marketing plan, participating in sales campaigns, and meeting deadlines. Students create journalistic writings, take story-telling photos, digitally design, and edit the yearbook. Students also develop business skills such as interviewing, technical writing, and planning. Yearbook is an outside of school commitment, as well; students are required to attend, report on, and photograph school events. Students are also required to attend after-school meetings and in-school field trips. Access to a digital camera is preferred. This course requires a high-level of self-motivation, the ability to work well independently and collaboratively, and experience with digital tools.</p> <p>**Freshmen only by teacher approval through application process**</p>		

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ACCOUNTING (BUS205) Prerequisite: None	Credit: ½	Grade: 10, 11, 12
<p>This course is designed to introduce students to basic accounting concepts and to allow students to explore accounting and related career opportunities. Students will complete accounting cycles for a proprietorship. Students will also be introduced to automated accounting systems and will complete accounting projects with available computers. Recommended for students planning to study business or accounting in college.</p>		
ECONOMICS (BUS241) Prerequisites: None	Credit: ½	Grade: 10, 11, 12
<p>This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics.</p>		
AP MICROECONOMICS (BUS441) Prerequisites: Social Studies Teacher Approval	Credit 1	Grade: 12
<p>The AP Microeconomics course provides students with an understanding of</p> <ul style="list-style-type: none"> ● the principles of economics as they apply to individual decision-making units, including individual households and firms, ● the theory of consumer behavior, the theory of the firm, and the behavior of profit-maximizing firms under various market structures, ● evaluate the efficiency of the outcomes with respect to price, output, consumer surplus, and producer surplus, ● examine the behaviors of households and businesses in factor markets, and learn how the determination of factor prices, wages, interest, and rent influence the distribution of income in a market economy, ● consider instances in which private markets may fail to allocate resources efficiently and examine various public policy alternatives aimed at improving the efficiency of private markets. 		
AP COMPUTER SCIENCE PRINCIPLES (TECH251) Prerequisite: Algebra I	Credit: ½	Grade: 9, 10, 11, 12
<p>AP Computer Science Principles provides students with a rigorous, fast-paced course that is designed to cover all learning objectives in the College Board's AP CS Principles framework and to prepare students to do well on the AP assessment. In specific CSP (Computer Science Principles) projects and problems, students create artifacts and associated writing as practice for the AP CS Principles Performance Tasks that can be submitted to the College Board. All students are required to take the AP assessment.</p>		

AP COMPUTER SCIENCE A (TECH220) Prerequisite: AP Computer Science Principles	Credit: 1	Grade: 10, 11, 12
AP Computer Science A develops students programming skills through use of the Java programming language. Fundamental topics in this course include the design of solutions to problems, the use of data structure to organize data, the development of algorithms to process data and more.		

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ENGLISH

The mission of language (reading, writing, listening, speaking, and viewing) is to empower students with effective communication skills to assist them in their vocations as faith-filled witnesses to the Catholic faith. The following English courses are designed to encourage proper appreciation of literature, including Holy Scripture, and mastery of the English language in oral and written form. Students gain exposure to cultures from all over the globe as they examine their roots in history and their continued progression toward sainthood. These skills and values are integrated in all disciplines offered at St. Michael the Archangel.

ENGLISH COURSES

ENGLISH 1 (ENG101)

Prerequisite: None

Credit: 1

Grade: 9

The theme of this course is the power of words. Through reading and interacting with literature, students will explore how words can be used to embody goodness, truth, and beauty. English I is designed to offer students an introduction to a variety of literary genres, including short stories, poetry, novels, nonfiction works, and dramas. This course will provide students with a review of basic vocabulary skills, grammar, and syntax, and will build towards the larger language skills of analysis, synthesis, and judgment in the expression of ideas in class discussions and writing.

HONORS ENGLISH 1 (ENG151)

Prerequisite: Exemplary HSPT score or instructor recommendation

Credit: 1

Grade: 9

The theme of this course is the power of words. Through reading and interacting with literature, students will explore how words can be used to embody goodness, truth, and beauty. English I is designed to offer students an introduction to a variety of literary genres, including short stories, poetry, novels, nonfiction works, and dramas. This course will provide students with a review of basic vocabulary skills, grammar, and syntax, and will build towards the larger language skills of analysis, synthesis, and judgment in the expression of ideas in class discussions and writing.

Because this is an honors course, students will all be held to a higher standard and will receive additional assignments to challenge them and improve their ability to think, read, write, and speak critically. Students will complete an additional unit, reading a more challenging novel and completing a more rigorous writing assignment. This course is designed to prepare students for AP level courses their junior and senior year.

ENGLISH 2 (ENG201) Prerequisite: English 1	Credit: 1	Grade: 10
<p>The theme of this course is the power of words. Through reading and interacting with literature, students will explore how words can be used to embody goodness, truth, and beauty. English I is designed to offer students an introduction to a variety of literary genres, including short stories, poetry, novels, nonfiction works, and dramas. This course will provide students with a review of basic vocabulary skills, grammar, and syntax, and will build towards the larger language skills of analysis, synthesis, and judgment in the expression of ideas in class discussions and writing.</p>		
HONORS ENGLISH 2 (ENG251) Prerequisite: Honors English 1 85% or higher and instructor recommendation	Credit: 1	Grade: 10
<p>The theme of this course is the meaning of humanity. Students will continue to ask the question of what it means to be human and explore the answers given from various perspectives and sociocultural contexts in literary works. English II is designed to be a comprehensive study of World Literature, introducing students to classic literature from different time periods and regions of the world. Students will examine the art, culture, and social customs associated with each time period and geographical area to enhance their understanding and appreciation of the global community through the lens of the Catholic faith. Genres covered include short stories, poetry, novels, nonfiction works, and dramas. Additionally, students will conduct research that will culminate in a well-written research paper and presentation. In this course, students will enhance their vocabulary skills, knowledge of grammar and syntax, and will refine their language skills of analysis, synthesis, and judgment in the expression of ideas in class discussions and writing.</p> <p>Because this is an honors course, students will be all held to a higher standard and will receive additional assignments to challenge them and improve their ability to think, read, write, and speak critically. Students will complete an additional unit, reading a more challenging novel and completing a more rigorous writing assignment. This course is designed to prepare students for AP level courses their junior and senior year.</p>		
ENGLISH 3 (ENG301) Prerequisites: English 1 & 2	Credit: 1	Grade: 11
<p>The theme of this course is <i>American Literature</i>. At the foundational level, this course will provide students with a review of basic vocabulary skills, grammar, and syntax, and will build toward the larger language skills of analysis, synthesis, and judgment in the expression of ideas in class discussions and writing. The goal of this course is to improve students' critical reading, thinking, writing, and speaking skills. Students will be given the chance to engage in real-world discussions upon specific topics derived from primary sources. Through extensive writing, they will continue to perfect their research and communication skills. Finally, this course endeavors to foster a greater appreciation and understanding of literature and its ability to help perfect the human person.</p>		

<p>AP LANGUAGE & COMPOSITION (ENG351) Prerequisite: Honors English 1 & 2 85% or higher and instructor recommendation</p>	Credit: 1	Grade: 11
<p>This Advanced Placement course engages students as skilled readers in a variety of social and historical texts while developing them as skilled writers who compose for various prompts and purposes. Specific emphasis is placed on content, purpose, audience, rhetorical analysis, argumentation, and synthesis of sources. The course aims to provoke successful arguments in support of the student's analysis of the text. The theme of this course is <i>American Literature</i>. Students will be given the chance to engage in real-world discussions upon specific topics derived from primary sources. Through extensive writing, they will continue to perfect their research and communication skills. Finally, this course endeavors to foster a greater appreciation and understanding of literature and its ability to help perfect the human person.</p> <p>Students are required to complete summer reading assignments as determined by the instructor. Students are also required to take the AP exam and pay the applicable fees. Advanced Placement students may apply for college credit based on their scores on the AP exam.</p>		
<p>ENGLISH 4 (ENG401) Prerequisites: English 1, 2, & 3</p>	Credit: 1	Grade: 12
<p>The theme of this course is British and American literature. Students focus on effective written and oral communication for numerous audiences and purposes. Students apply their skills to further their mastery of the given texts. The goal of this course is to continue students' critical reading, thinking, writing, and speaking skills in preparation for the rigors of college careers. Students will be given the chance to engage in real-world discussions upon specific topics derived from primary sources, and will be expected to write a variety of essays, research and reflective/analytical works. Through extensive writing, they will continue to perfect their research and communication skills.</p>		
<p>AP LITERATURE & COMPOSITION (ENG451) Prerequisites: Honors English 1 & 2, AP Language & Composition 85% or higher and instructor recommendation</p>	Credit: 1	Grade: 12
<p>This Advanced Placement course engages students in the careful reading and critical analysis of literature. Students deepen their understanding of writers' use of language for artistic effect and persuasive impact, with an emphasis placed on British authors. Through reading, discussion, and writing, students examine structure, style, and themes, as well as figurative language in fictional texts. The theme of this course focuses on uncovering the decision-making strategies individuals use to shape their own lives, the lives of others, and even the structure of society. This is a course designed to rigorously challenge students to analyze and interpret poetry, short stories, plays, and novels. It requires an extensive amount of reading.</p> <p>Students are required to complete summer reading assignments as determined by the instructor. Students are also required to take the AP exam and pay the applicable fees. Advanced Placement students may apply for college credit based on their scores on the AP exam.</p>		

FINE ARTS

The focus of the Performing & Fine Arts Department at St. Michael the Archangel Catholic High School is to encourage each student to identify, explore and practice their God-given talents. We encourage students to participate in activities that they have not previously had practice in so as to identify those gifts.

FINE ARTS COURSES

ART FOUNDATIONS (FA101)

Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

During this introductory course, students explore the essential aspects of drawing, painting, ceramics, and sculpture. Students learn the different types of pencils and focus on the rendering form. Lettering utilizing one-and two-point perspectives are covered. Basic color theory is introduced with tempera paint and watercolor. Objects are constructed as students learn about three dimensional concepts.

DRAWING & PAINTING (FA104)

Prerequisite: Art Foundations

Credit: ½

Grade:
9, 10, 11, 12

Drawing and painting skills are taught with traditional media. Instruction focuses on composition value and craft. Each project may take a few weeks to complete, so students experience and understand the vast amount of time that creating art often takes.

CERAMICS & SCULPTURE (FA105)

Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

The fundamentals of three-dimensional design are explored utilizing recycled materials 3-D modeling and everyday objects. Students also explore various hand-building methods to construct ceramic work, and students also learn about the drying stages of clay and about glazing methods. From original designs, students create both functional and decorative objects.

ARCHITECTURE (FA107)

Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

Students create elevation drawings and construct models from projections. While utilizing Photoshop, students color and render different textures for presentation boards and focus on creating two-point perspective drawings from our elevations.

GRAPHIC DESIGN (FA108)

Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

Students utilize basic features of Photoshop and Indesign as a vehicle for artistic expression. Through tutorials of typography and image manipulation, each student gains working knowledge of Photoshop.

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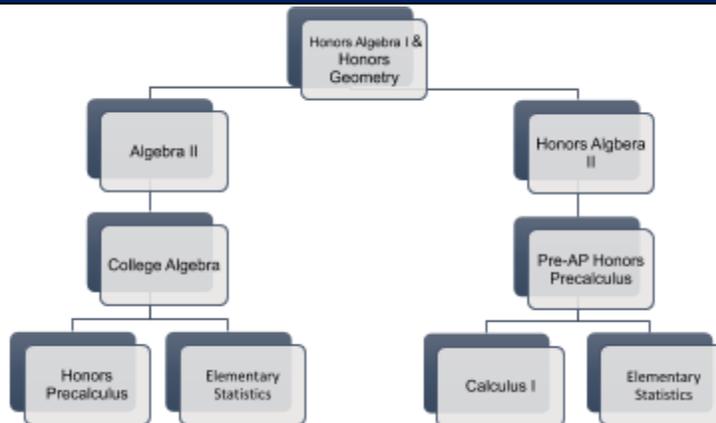
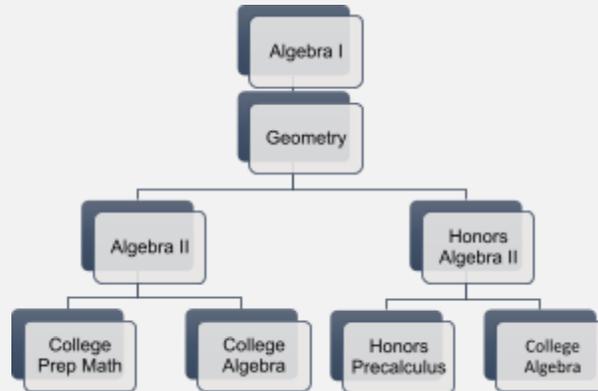
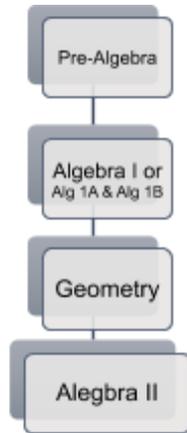
DIGITAL PAINTING (FA111) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
This course is an introduction to painting on the computer. We will use a variety of paint techniques to create 2-D artwork in Photoshop.		
ILLUSTRATOR & INDESIGN (FA127) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
In this class, we will explore and learn Adobe Illustrator and Indesign. This program is used throughout the world for design. The focus will be on desktop publishing. Students will create posters, flyers, brochures, magazines, books and graphic art. Through these tutorials and projects, students will gain a basic working knowledge of the programs.		
3D Modeling (FA210) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
Students will use Blender to create original 3D models. We will explore Blender's interface and create files that can be used in 3D animation or 3D printing or rendered as a realistic image. Focusing modeling terminology and projects each student will increase his or her understanding of 3D modeling.		
ANIMATION (FA216) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
Students will approach animation in this class traditionally and digitally. Our first few projects will be hand-drawn frame by frame animation; then we will transition to the computer 3D animation. Each student will learn the principles of animation and how to work the timeline in Blender.		
CONCERT CHOIR (FA201) Prerequisite: None	Credit: 1	Grade: 9, 10, 11, 12
A choral ensemble that is open to all students who enjoy singing and want to explore a variety of choral literature. Students develop their singing and musical skills, working on breath-support, tone quality, posture, diction, theory, blend, and sight singing. Students also develop their own personal musical identity through the practice and execution of sung literature. All students are required to participate in scheduled concerts, contests, and, as needed, after-school and evening rehearsals. All members will be required to make a one-time purchase of a concert outfit that will be worn for each performance.		
CHAMBER SINGERS (FA202) Prerequisites: Concert Choir AND along with Audition with Choir Director	Credit: 1	Grade: 10, 11, 12
An advanced, auditioned choir ensemble for upperclassmen. Students must work diligently, maintain a positive attitude, and have a strong desire to perform. Students develop singing and musical skills, learning about breath support, tone quality, posture, diction, theory, blend, and sight singing. Students develop their own personal musical identity through the practice and execution of sung literature. In addition, members explore the lives and works of the world's most respected composers. All students are required to participate in scheduled concerts, contests, and after school and evening rehearsals. All members will be required to make a one-time purchase for a concert outfit to be worn for each performance.		

MUSIC ROCKS! (FA207) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
<p>This class is designed for any student who wishes to learn about music. No prior musical knowledge is required. Students will learn about topics such as the many genres of music, music history, its prevalence in our society, film music, digital music, ukulele playing, and more. If you enjoy a low-pressure, fun, conversational, explorative environment, this class is for you!</p>		
INSTRUMENTAL ENSEMBLE (FA208) Prerequisite: Open to all brass, woodwind, and percussion instrumentalists	Credit: 1	Grade: 9, 10, 11, 12
<p>An ensemble for ALL types of instrumental musicians who enjoy playing and wish to perform a variety of musical literature. Students develop their musical skills and technique, exploring such things as posture, bowing, embouchure, articulation, phrasing, breath support, tone quality, theory, intonation, and sight reading. All students are required to participate in scheduled concerts, contests, and, as needed, after-school and evening rehearsals. All members will be required to make a one-time purchase of a concert outfit that is worn for each performance.</p>		
FUNDAMENTALS OF MUSIC (FA120) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
<p>Do you enjoy music in its many capacities, just without the pressure of public performances or outside engagements? Are you curious to know more about how music works—reading it, interpreting it, or simply becoming a more fluent listener? In fundamentals of music, we will dive into your curiosities, and enjoy one another’s company! Open for anyone, whether you know nothing or everything about music!</p>		
FUNDAMENTALS OF MUSIC THEORY (FA119) Prerequisite: Accepted after basic music theory exam is passed	Credit: ½	Grade: 9, 10, 11, 12
<p>A continuation of Fundamentals of Music, Fundamentals of Music <i>Theory</i> is for those students who wish to dive even deeper into the world of music. Topics such as composition, voice leading, chord analysis, scales, and more will be covered. Before acceptance, a basic theory exam must be passed.</p>		
DRAMA I (FA118) Prerequisite: None	Credit: ½	Grade: 9, 10, 11, 12
<p>Drama I introduce the student to various aspects of the theatre with the primary focus on acting. Improvisation, pantomime, scene study and theatre terminology, and theatre history are integral parts of the program. Students are encouraged to explore their own creative potential in a supportive, yet challenging learning environment. Students are required to assist in the various performance opportunities for the semester, such as the musical, Fine Arts Night, and other events.</p>		
DRAMA II (FA304) Prerequisite: Drama 1 or Teacher Approval	Credit: ½	Grade: 9, 10, 11, 12
<p>Drama II is an advanced course designed for students who wish to continue their study of acting. Character development, scene-study, audition techniques and theatre history are integral elements of the course.</p>		

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MATHEMATICS

The mission of mathematics education at St. Michael the Archangel Catholic High school, while integrating the values and teachings of the Catholic Church, is to teach our students strategies to identify problems, organize information, devise plans, solve problems, and analyze solutions to communicate results. St. Michael the Archangel Catholic High School requires 4 credits of mathematics to graduate.



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MATHEMATICS COURSES

ALGEBRA 1A (MATH110) Prerequisite: Department Head or SMILE recommendation	Credit: 1	Grade: 9,10
Designed to follow Algebra 1 materials at a slower pace for students who are not ready for Algebra 1. Students will become acquainted with algebraic concepts and thinking, develop reasoning skills, and apply algebraic techniques to solve problems. Topics covered include problem solving, ratio and proportion, simplifying expressions, exponents, and linear equations. <i>*This class fulfills one math credit requirement at SMA, but may only count as a half math credit at some college/universities, especially those in the Missouri system.</i>		
ALGEBRA 1B (MATH111) Prerequisite: Algebra 1A	Credit: 1	Grade: 9,10,11
This class immediately follows Algebra 1A and continues to build problem solving and critical thinking skills needed for mathematics. This class finishes Algebra 1 curriculum and introduces topics that will lead students into geometry. Topics covered include solving linear equations and inequalities, polynomials, functions, rational expressions, factoring, and quadratics. <i>*This class fulfills one math credit requirement at SMA, but may only count as a half math credit at some college/universities, especially those in the Missouri system.</i>		
ALGEBRA I (MATH101) Prerequisite: HSPT score	Credit: 1	Grade 9, 10
Designed to acquaint students with algebraic concepts and thinking, students develop reasoning skills and apply algebraic techniques to solve word problems. Topics covered include solving linear and quadratic equations, operations of polynomials, factoring, solving inequalities, rational expressions, exponents and graphing equations in two variables.		
HONORS ALGEBRA I & HONORS GEOMETRY (MATH151) Prerequisite: HSPT score & instructor recommendation	Credit: 1	Grade: 9
This course is designed for students who have already completed Algebra I. Students review key algebraic concepts before starting the Honor Geometry curriculum. This is a fast-paced, honors-level course. It is designed for advanced students wanting to take Algebra I in 9th grade and still be ready for calculus by 12th grade.		

GEOMETRY (MATH201) Prerequisite: Algebra I	Credit: 1	Grade: 10, 11
<p>Geometry introduces students to deductive mathematical systems through theory and application. The topics covered include spatial visualization, lines and figures in planes, theorems, congruence, similarity and classification of triangles, polygons, circles, deductive proofs, transformations, area and volumes, two- and three- dimensional figures, and coordinate geometry. Algebraic skills are reviewed and strengthened through application in problem solving through geometry.</p>		
ALGEBRA II (MATH301) Prerequisite: Algebra I, Algebra 1B, & Geometry or instructor recommendation	Credit: 1	Grade: 10, 11, 12
<p>Students further develop algebraic skills through the study of quadratic equations and functions, polynomials, rational expressions and functions, systems of linear equations and inequalities, radicals, irrational numbers, exponential and logarithmic functions, and variations.</p>		
HONORS ALGEBRA II (MATH251) Prerequisite: Honors Algebra I & Geometry or HSPT score and instructor recommendation	Credit: 1	Grade: 10, 11
<p>Students further develop algebraic skills at a rapid pace. Topics covered include linear functions, quadratic functions and equations, polynomials, rational expressions, exponential and logarithmic functions, conic sections, variations, and an introduction to trigonometry</p>		
COLLEGE PREP MATH (MATH302) Prerequisite: Algebra 2 or teacher recommendation	Credit: 1	Grade: 12
<p>This course is designed for seniors who have completed Algebra 2 but are not ready for a College Algebra class. It is designed to help students improve their math skills from Algebra 2 in preparation for a College Algebra course. College Prep will follow the UMKC curriculum at a slower pace than College Algebra.</p>		
DUAL CREDIT COLLEGE ALGEBRA (MATH501) Prerequisite: 3.0 or composite score of 21 on the ACT	Credit: 1	Grade: 11, 12
<p>This is a course offered by University of Missouri-Kansas City at St. Michael the Archangel. It is a yearlong high school class that is equivalent to a single semester of College Algebra at UMKC. If enrolled in this class, students must enroll in UMKC for college credit (3 college credit hours). This course will review elementary algebra, solution of equations, functions, exponential and logarithmic functions, inequalities, systems of linear equations, equations of second degree and their graphs, binomial theorem, complex numbers and polynomials.</p>		

DUAL CREDIT PRECALCULUS (MATH351) Prerequisite: Honors Algebra 2 or instructor recommendation	Credit: 1	Grade: 11, 12
<p>This is a course offered by University of Missouri-Kansas City at St. Michael the Archangel. It is a yearlong high school class that is equivalent to a single semester of Precalculus at UMKC. If enrolled in this class, students must enroll in UMKC for college credit (5 college credit hours). This course covers solutions of equations, analyzing functions, systems of linear equations, exponential & logarithmic functions, trigonometric functions, trigonometric identities, equations of second degree their graphs, complex numbers, and polynomials.</p>		
DUAL CREDIT CALCULUS I (MATH415) Prerequisites: Instructor approval	Credit: 1	Grade: 12
<p>Functions and graphs, rational, trigonometric, exponential functions, composite and inverse functions, limits and continuity, differentiation and its applications, integration and its applications. If enrolled in this class, students must enroll in UMKC for college credit (4 college credit hours). This is a course offered by the University of Missouri-Kansas City at St. Michael the Archangel. It is a yearlong high school class that is equivalent to a single semester of Calculus I at UMKC.</p>		
ELEMENTARY STATISTICS (Dual Credit Program) (MATH451) Prerequisite: Minimum GPA of 83% or composite score of 21 on ACT and College Algebra or Pre-Calculus	Credit: 1	Grade: 11, 12
<p>This is a course offered by University of Missouri-Kansas City at St. Michael the Archangel. Completion of the course earns 3 credit hours of Pre-Calculus through UMKC. If enrolled in this class, students must enroll in UMKC for college credit. This class is a non-calculus-based course, which introduces descriptive and inferential statistics. The course presents basic statistical concepts and methods and shows how they enhance critical thinking and reasoning. Statistical reasoning will be emphasized and statistical functions in Excel will be used.</p>		

PHYSICAL EDUCATION & HEALTH

St. Michael the Archangel Catholic High School is dedicated to the development of the spiritual, physical, emotional, and social health and well-being of each student. Physical Education and Health courses are directed toward developing and improving physical fitness knowledge and ability, knowledge of rules and interest in physical activities with individual and small group sports. It encompasses the general informational and educational needs of students in the areas of health and wellness.

All students are required to earn one Physical Education credit for graduation. Graduating classes prior to the class of 2024, can use participation in two full seasons of an SMA sport to earn a ½ credit of Physical Education. Four seasons will earn them an additional ½ credit. Credit earned is pass only. Students must complete a P.E. Waiver form (available online or in the counseling offices) to receive credit.

PHYSICAL EDUCATION COURSES

HEALTH & WELLNESS (PE102)

Required for all freshmen beginning with the Class of 2024 to take freshman year
Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

This **required** course is directed toward developing and improving knowledge in the area of health and wellness. The aim is to encourage students to acquire healthy attitudes and habits that maximize physical health and happiness.

PHYSICAL EDUCATION (PE101)

Required for all freshmen beginning with the Class of 2024 to take freshman year
Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

This course is directed toward developing and improving students' fitness knowledge and ability. The aim of this course is to introduce students to sports theory, cooperative team sports, and individual physical fitness. Special emphasis is placed on the development of good sportsmanship and Christian behavior.

WEIGHT TRAINING (PE202)

Prerequisites: Physical Education & Health & Wellness

Credit: ½

Grade:
9, 10, 11, 12

An introductory elective course for students interested in improving overall muscular strength and endurance. Includes an overview of the physiological basis for muscular strength and athletic power improvement, while emphasizing proper lifting techniques and safety procedures. In addition, this course is designed to improve flexibility, speed and agility.

LIFETIME FITNESS (PE201)

Prerequisites: Physical Education and Health

Credit: ½

Grade:
11, 12

As an advanced elective course, the primary objective is to help students understand the importance of achieving and maintaining lifetime physical fitness. The course includes an introduction to various recreational activities that can be enjoyed throughout life.

PRACTICAL ARTS

Students learn skills that are functional and have everyday applications. Students graduating from Missouri high schools must earn ½ credit in a Practical Art Course.

Practical Arts courses include: Computer/Business courses; career related courses such as Engineering, Aviation, Healthcare, and skilled application courses such as Modern Communication.

PRACTICAL ARTS COURSES

GUIDED LEARNING (EXT101)

Prerequisite: **Teacher Recommendation &/OR HSPT Scores**

Credit ½

Grade:
9,10,11,12

A teacher recommended **elective** that is designed to help students achieve academic success by providing structured study time to complete work from other courses and achieve better understanding. Students learn organizational and study skills. The instructor updates students on their grades and assists them by collaborating with each of the student's instructors to define how to best support student success.

MODERN COMMUNICATIONS (EXT203)

Required beginning with the Class of 2024

Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

Modern Communications is an introductory course designed to instruct students to apply appropriate and professional skills with 21st century communication platforms. Topics will include professional interviewing, social media postings and its impact with employment opportunities, how to formally compose a business professional email, in addition to informative and persuasive speaking techniques that are applicable to small and large group settings.

SMALL ENGINE REPAIR PRINCIPLES (EXT125)

Prerequisite: None

Credit: ½

Grade:
9, 10, 11, 12

This course introduces students to basic four-stroke engine principles and their real-world application. Students will be able to apply what they have learned in science and math classes to small engine applications. In this course students will learn how gasoline changes from a liquid to a vapor, principles of electricity in ignition systems, along with calculating displacement and compression ratios. They will also disassemble and reassemble an engine to learn how each part plays an important role in the engines running and how each part might be diagnosed if found faulty. Theories learned in this course can be applied to some areas of automotive technology and will be covered in depth for the students' advantage. In connection with our Aviation program, students will also have an advantage in this class if they are looking to go into the Aviation maintenance field after high school since they will learn the basics of how air-cooled engines operate.

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INTRODUCTION TO AVIATION (EXT202) Prerequisite: none	Credit: 1	Grade: 9, 10, 11, 12
<p>The course will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem solving, and the innovations and technological developments that have made aviation and aerospace engineering rewarding careers available to them. The course will inspire students to consider aviation and aerospace careers while laying the foundation for continued study in the aviation curriculum.</p>		
INTRODUCTION TO FLIGHT & AIRCRAFT SYSTEMS (EXT303) Prerequisite: Introduction to Aviation	Credit: 1	Grade: 10, 11, 12
<p>This course will introduce students to the basic aircraft structures and their major components, principles of flight and the fundamental physical laws affecting flight. Design characteristics will be covered, including concepts surrounding aircraft stability, controllability, and the effect of weight and balance on flight performance. Students will learn different types of power plants and how they support the operation of the aircraft. The course will cover several different types of fuel systems and critical components of aircraft electrical systems. Finally, students will learn about various systems that drive flight instruments and how those flight instruments operate.</p>		
PRIVATE PILOT FUNDAMENTALS (EXT 411) Prerequisite: Introduction to Flight and Aircraft	Credit: 1	Grade: 11, 12
<p>This course will help students develop an attitude and philosophy for safety of flight and accident prevention. Topics of study will include flight physiology, human factors, aeronautical decision making, preventive maintenance, cockpit and crew resource management, and an introduction to accident investigation. Students will analyze case studies of aviation accidents to identify common causes and prevention strategies. Students will work as individuals or in small groups to study and report on an approved aviation topic of their choosing. The goal of this capstone course is to allow students to demonstrate an understanding of a contemporary topic in aviation as it relates to flying.</p>		
THE FLYING ENVIRONMENT (EXT412) Prerequisite: Private Pilot Fundamentals	Credit: 1	Grade: 12
<p>This course is foundational for both manned and unmanned aviation, and will prepare students to take either of two Federal Aviation Administration tests: The Private Pilot Knowledge Test or the Part 107 Remote Pilot Knowledge Test. Topics include pre-flight, procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, cockpit management, and emergency procedures.</p>		
INTRODUCTION TO ENGINEERING (EXT126) Prerequisite: None	Credit: ½	Grade: 10, 11, 12
<p>This course provides an introduction to important concepts in engineering, along with an introduction to the engineering design process. Students will learn about basic engineering concepts, then will work through the full engineering design process, including brainstorming, planning, budgeting, designing, building, and testing a project or process. Recommended for sophomores, juniors or seniors. Physics is helpful, but not required as a prerequisite.</p>		

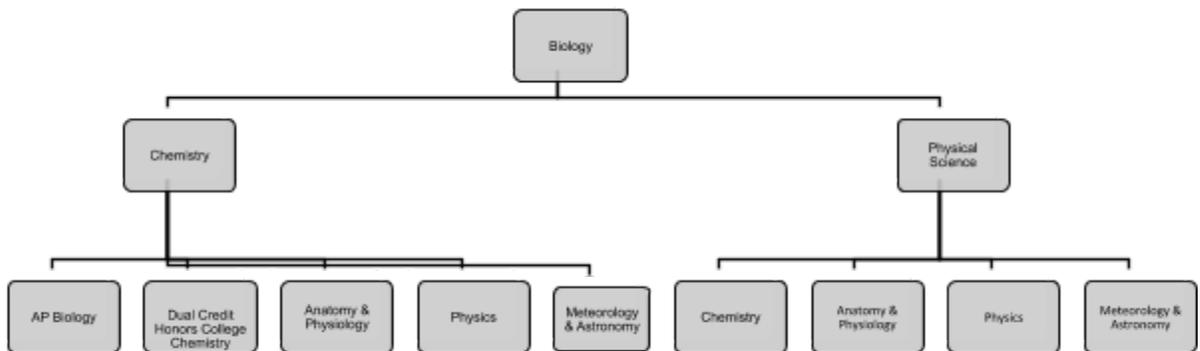
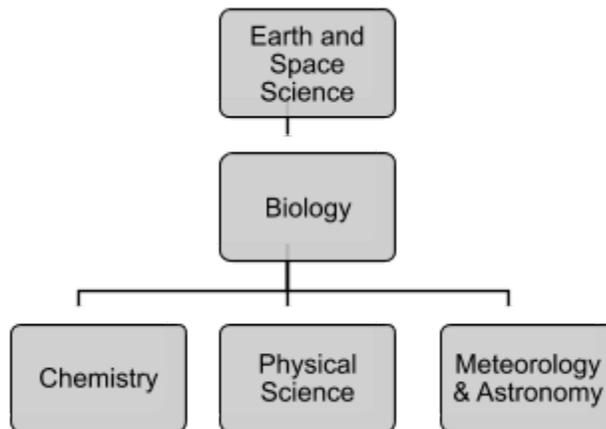
CAREERS IN ENGINEERING (EXT127) Prerequisite: None	Credit: ½	Grade: 10, 11, 12
<p>This course will examine the various career options in engineering. Students will learn about the various engineering disciplines, will learn about engineering concepts and career paths related to each discipline, and will have the opportunity to learn from and interact with engineers in those fields. Recommended for juniors or seniors. Introduction to Engineering is helpful, but not required as a prerequisite.</p>		
INTRODUCTION TO HEALTHCARE (EXT201) Prerequisite: None	Credit: ½	Grade: 11, 12
<p>Introduces a variety of topics related to healthcare. Areas of study include ethical responsibilities, cultural considerations, teamwork within medical professionals, and the Catholic Church's history in healthcare. Guest speakers share experiences and insights regarding a variety of careers in the medical field. Students visit St. Luke's Medical Center for a behind the scenes look at a state-of-the-art healthcare facility. <i>Students acquire their Basic Life Support certification from the American Heart Association and engage in an off-campus healthcare related activity. A fee for the BLS certificate may apply.</i></p>		
ACT Preparation & College Explorations (EXT415) Prerequisite: None	Credit: ½	Grade: 10, 11, 12
<p>This elective class offers students the opportunity to explore interests and future career options, as well as prepare for the American College Test (ACT). Students will take ACT practice tests in English, Math, Reading and Science; they will also review content and apply strategies to improve their scores. In addition, they will cover majors/careers, college resume writing, college application essay writing, the college application process, learning preferences and financial literacy. Students are required to register for and take the ACT during the semester they are in this course.</p>		
CHILD DEVELOPMENT (EXT302) Prerequisite: Completion of or currently enrolled in Psychology	Credit: ½	Grade: 11, 12
<p>This course focuses on human development from conception through adolescence. The main goal of the course is to provide students with an understanding of physical, emotional, social, and cognitive changes during childhood. Students will learn to recognize how environments can enhance or hinder healthy development. Students will be expected to participate in an off-site lab at either Nativity of Mary or Presentation of Mary twice a week.</p>		
CHILD DEVELOPMENT II (EXT304) Prerequisite: Child Development I	Credit: ½	Grade: 11, 12
<p>This course will go into greater depth of a child's physical, intellectual, emotional and social development at an early education age (3-5). Students will be in charge of lesson plans and developmentally appropriate activities during learning lab time. At the end of this course students will be prepared for a future in health care, childcare, or continue with education in the area of Child and Family Development. Students will be expected to participate in an off-site lab at either Nativity of Mary or Presentation of Mary twice a week.</p>		

INTRODUCTION TO ELEMENTARY EDUCATION (EXT416) Prerequisite: Child Development 1 & 2	Credit: ½	Grade: 12
Education Practicum: Students will gain teaching experience in different grade levels, Kindergarten-8th grade. This will take place at either Nativity of Mary or Presentation of Mary Learning Labs. The student will need to be able to arrive at the learning lab by 7:45 am and be able to get to SMA after the lab is over.		
ELEMENTARY EDUCATION LAB (EXT 417) Prerequisite: Introduction to Elementary Education	Credit: ½	Grade: 12
Students will choose a grade level for the semester, Pre-K-8th grade. Learning labs will take place at either Nativity of Mary or Presentation of Mary, students will need to be able to arrive at the learning lab by 7:45 am and then return to SMA afterwards. The students will focus on making weekly lesson plans along with writing objectives for lessons. Students will also learn about SMART goals and how they are used in the process of lesson planning. Diocesan standards for the grade level they choose will also be used in this class.		
INTRODUCTION TO EDUCATION PRACTICUM (EXT402) <i>Peer Mentoring</i> Prerequisite: Administration approval	Credit: ½	Grade: 11, 12
Students are assigned to a classroom to work with students of exceptional needs in the SMILE program as a peer mentor. Peer Mentor expectations include the following: Academic Assistance in the traditional setting and positive interaction with students throughout the school day. Formal instruction is provided by the Special Education Team. Peer Mentors receive a grade which is computed in their cumulative GPA. Must complete Peer Mentor Application available in the SMILE Zone.		
SENIOR PRACTICUM (EXT401) Prerequisite: None	Credit: ½	Grade: 12
St. Michael the Archangel Senior Practicum Experience is designed to provide students with the opportunity to help them discover their God-given talents and explore possible vocations outside of the SMA community. This program enables students to extend their learning beyond the classroom and offers an opportunity for them to apply their acquired knowledge and skills from high school to an independent area of personal interest. Student Requirements: <ul style="list-style-type: none"> • Must be in good academic standing and on track for graduation. Must have transportation to the site (school will not provide transportation). • Must secure their own Practicum Experience. (find an appropriate business/office/etc. with which to complete the Practicum experience) • Must attend All School Masses and all House activities. • Must be in attendance at school by 10:00am • Must be in uniform and will be held accountable to all SMA policies while participating in Practicum experience, even when not on campus. • Must complete Senior Practicum Application available in the Counseling Office. 		

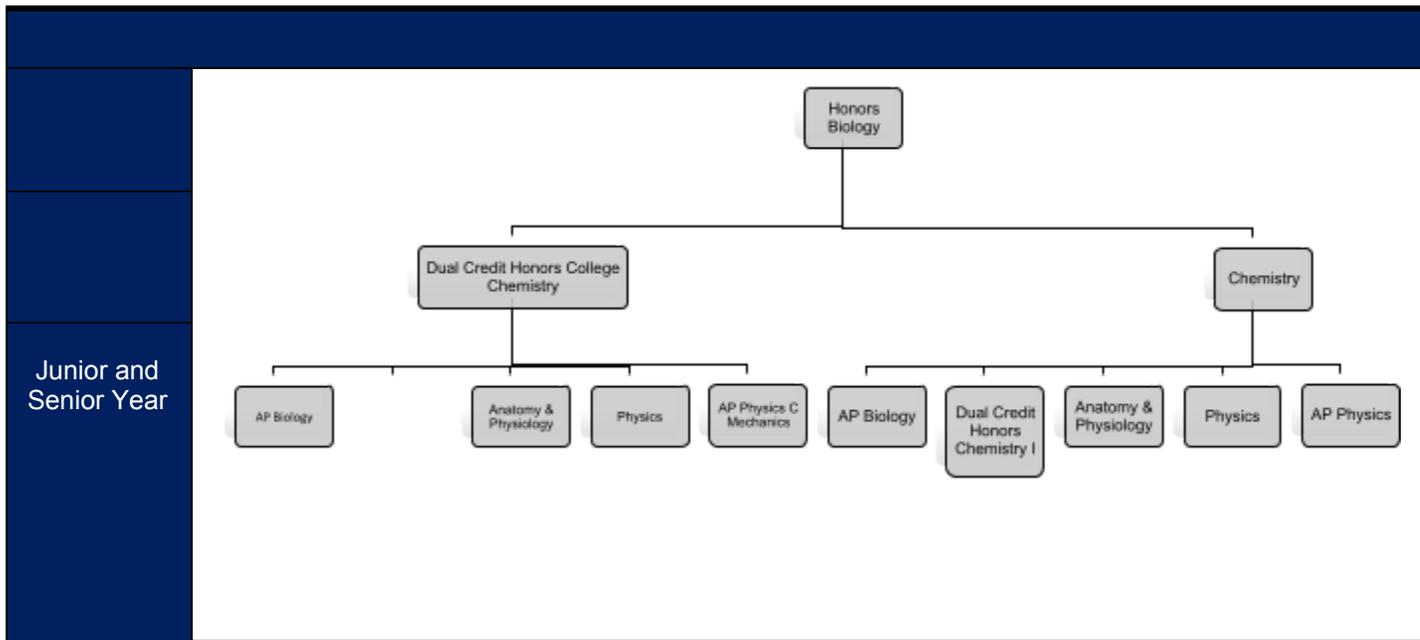
BROADCAST FIELD PRODUCTIONS (EXT260) Prerequisite: Teacher Approval	Credit: 1	Grade: 10,11,12
<p>Students will gain broadcasting experience in field productions, such as covering sporting activities, and school and community events. Some assignments will require outside-of-school time (such as filming evening sporting/activity events). Class size is limited due to availability of editing/camera equipment.</p>		
DIGITAL MEDIA I (EXT261) Prerequisite: Teacher Approval	Credit: ½	Grade: 10,11,12
<p>The course includes photography history, basic camera functions, photo-taking techniques, subject selection, composition, and evaluation. Students will learn photo editing techniques using Adobe Lightroom. Students will create short videos. Students will learn skills for video and audio editing in Adobe Premiere Pro.</p>		
DIGITAL MEDIA II (EXT262) Prerequisite: Digital Media I and/or Teacher Approval	Credit: ½	Grade: 10,11,12
<p>Students will build upon skills and techniques learned in Digital Media I. Projects will stress individual application of photo techniques and ideas. Students will focus on developing a personal style of photo. Photographic artists and methods will also be studied. The students in this course will assist in producing photographs and videos for the school publications such as Yearbook. This class may involve after-school work.</p>		

SCIENCE

The mission of the SMA Science Department is to utilize science as a vehicle to prepare all students to be lifelong learners who can use science as stewards of God's creation, to make reasoned decisions, and to contribute to their local, state, and international communities.



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SCIENCE COURSES

EARTH & SPACE SCIENCE (<i>SCI102</i>) Prerequisite: None	Credit: 1	Grade: 9
<p>The Earth and Space Science course is a course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric focuses that shape our world. Students will explore the Earth’s spheres including the geosphere, hydrosphere, cryosphere, atmosphere, and the cycles of the Earth such as the water and carbon cycle. Students will learn about scientific inquiry, geologic time, space exploration, the solar system and the universe. Population growth of humans, animals, and plants will be investigated.</p>		
PHYSICAL SCIENCE (<i>SCI100</i>) Prerequisite: None	Credit: 1	Grade: 10, 11, 12
<p>Physical Science is a course designed to help students develop skills necessary for future science courses and as an alternative to Biology. Students will develop an understanding of basic concepts of Chemistry, Physics, Environmental Science and Biology through lecture, hands-on activities, practice and laboratory experiments.</p>		
BIOLOGY (<i>SCI101</i>) (<i>required</i>) Prerequisite: Required for Graduation	Credit: 1	Grade: 9, 10, 11
<p>An introduction into the study of all living things and environmental interactions, including cells, plant and animal life, genetics, evolution, classification and ecology. Various laboratory experiences are included in each topic that enhances mastery.</p>		
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HONORS BIOLOGY (SCI151) Prerequisite: HSPT score	Credit: 1	Grade: 9, 10, 11
<p>This course covers the same subject matter as Biology in greater detail and at a rapid pace. Emphasis is given in developing critical thinking skills. This course is for those students who have demonstrated an aptitude in science and who plan to enroll in advanced science courses. Students should carefully consider the extra time needed for this challenging course.</p>		
AP BIOLOGY (SCI451) Prerequisite: Grade of 85% or above earned in Biology or Pre-AP Honors Biology	Credit: 1	Grade: 11, 12
<p>Advanced Placement (AP) Biology is the equivalent of a two-semester college introductory course usually taken by biology majors during their first year. This course will prepare students for the AP examination and subsequent college-level science coursework. The course is designed around the new AP Biology curriculum framework that focuses on the Big Ideas: 1.) Evolution 2.) Energetics 3.) Information Storage and Transmission 4.) System Interactions in Biology and their connections. The AP Biology course also includes a college-level laboratory component that will require students to design experiments, collect and analyze data, and write college-level lab reports. The course covers a vast amount of material, is in-depth, and moves at a fast pace. Students taking this class must have strong reading comprehension and analytical skills as well as excellent study habits and be willing to devote an average of 5-10 hours per week to the coursework. Students are also required to take the AP exam and pay the applicable fees.</p>		
CHEMISTRY (SCI201) Prerequisite: Biology & Algebra 1 grade of 85% or above	Credit: 1	Grade: 10, 11, 12
<p>Provides background in the principles of chemistry: atomic structure, molecular structure, bonding, chemical reaction, stoichiometry, periodicity, gases, solutions, acids and bases. Topics are explored in conjunction with supportive laboratory activities. Designed for the college bound student who needs in-depth chemistry for science and math related fields such as medicine, nursing, medical technology, engineering, agriculture, and forestry, as well as chemistry.</p>		
DUAL CREDIT HONORS CHEMISTRY I (SCI252) Prerequisites: Biology and Algebra I with a grade of 85% or above in each course.	Credit: 1	Grade: 11, 12
<p>This course covers the same subject matter as Chemistry in greater detail at a rapid pace. Emphasis is given to developing critical thinking skills. This course is for those students who have demonstrated an aptitude in science and who plan to enroll in advanced science courses. Students should carefully consider the extra time needed for this challenging course. It is possible for some students to be eligible to enroll in dual college credit chemistry through UMKC by meeting required criteria. Interested Sophomores must get administration approval.</p>		

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PHYSICS (SCI401) Prerequisite: Chemistry & Algebra I grade of 90% or above in each course	Credit: 1	Grade: 11, 12
<p>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 these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. College Course Equivalent AP Physics 1 is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics.</p>		
AP PHYSICS (SCI452) Prerequisite: Algebra I grade of 90% or above with math and physics teacher recommendation	Credit: 1	Grade: 12
<p>AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves.</p>		
ANATOMY & PHYSIOLOGY (SCI402) Prerequisite: Biology grade of 85% or above or instructor approval	Credit: 1	Grade: 11, 12
<p>Anatomy and Physiology is an advanced biology course that focuses on the structure and function of the human body systems. Topics will be covered by body systems (ie. integumentary, skeletal, muscular, nervous, cardiorespiratory, endocrine, immune, etc.), covering anatomy (structure) and physiology (function). Students will gain a fundamental understanding of these systems and their interconnectedness, while also integrating concepts from medical sciences, kinesiology, exercise physiology and nutrition. This course will include labs, dissections, research projects and group projects.</p>		
ASTRONOMY & METEOROLOGY (SCI403) Prerequisite: Biology	Credit: 1	Grade: 10, 11, 12
<p>Meteorology and Astronomy is a science elective that spans a full year. Astronomy, taken first semester, covers the Sun and the major constituents of the solar system (planets, comets, minor planets, meteors, etc.), eclipses, the Moon, stars, light, telescopes, stellar evolution (white dwarfs, neutron stars and black holes), and the historical development of astronomical ideas and to recent developments in planetary astronomy. In the second semester, Meteorology provides students with an in-depth study of the processes that govern the climate and weather. Topics include world climate systems, climatic changes, human influence on climate, the causes of local weather systems, historical and technological contributions to meteorology, weather forecasting, observational and data collecting techniques and the processes that cause severe weather.</p>		

B

SOCIAL STUDIES

The purpose of the Social Studies curriculum is to develop knowledgeable, active participants in a democracy and an interdependent world. Our department strives to prepare students to evaluate and act in accordance with Catholic values. The three required credits are fulfilled through three courses: American Government (9), World History (10), and U.S. History (11).

SOCIAL STUDIES COURSES

AMERICAN GOVERNMENT (SS102)

REQUIRED

Prerequisite: None

Credit: 1

Grade: 9

This course is a study of the origins, development, structure and functions of the state and national government. Topics include the creation of the United States Constitution and Missouri State Constitution, constitutional framework, the three branches of government, the three levels of government, and policy formation. Upon completion, students should be able to demonstrate an understanding of the basic concepts and participatory processes of the American political system. Basic concepts of state and local government and their relationships with the federal government are also examined. **During the course of the year, students take the United States and Missouri Constitution tests. As required by the state of Missouri, students must pass this test to qualify for graduation.**

MODERN WORLD HISTORY (SS101)

REQUIRED

Prerequisite: None

Credit: 1

Grade 10

A broad survey of world events from the Renaissance and Reformation period to present day. Particular emphasis is given geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science, the arts, social relations, and cross-cultural interaction. Students exercise many skills, including critical thinking, reading of primary sources for content, historical document analysis, identifying cause and effect, note taking, map interpretation, and essay writing.

DUAL CREDIT HONORS MODERN WORLD HISTORY (SS252)

(alternative to World History requirement)

Prerequisites: 3.0 cumulative GPA or higher **AND** an average of 85% or above in American Government **AND** English I classes.

Credit: 1

Grade 10

A college survey course examining the history of the world from 1450 to present day with a special emphasis on historical thinking skills. Students are expected to read assigned texts and supplemental materials, participate in classroom discussions and research, and practice analysis and writing skills. Students who successfully meet UMKC criteria will earn three (3) hours of college credit. Payment of fees to UMKC is required to earn dual credit. Students who earn a 74.5% or above will receive an additional 5% added to their weighted semester GPA.

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U.S. HISTORY (SS301) REQUIRED Prerequisite: None	Credit: 1	Grade: 11
<p>A survey of the development of the United States from the pre-Columbian period to the present with particular attention to colonial development, early national period, age of Jackson, Civil War and Reconstruction, age of Roosevelt, WWI, Great Depression, WWII, the Cold War, Civil Rights, and Vietnam. There is a focus on social history in regard to Native Americans, African Americans, immigrants, women and laborers.</p>		
DUAL CREDIT U.S. HISTORY (SS353) <i>(alternative to U.S. History requirement)</i> Prerequisites: 3.0 cumulative GPA or higher AND an average of 85% or above in World History AND English II classes.	Credit: 1	Grade: 11
<p>A college survey course examining U.S. history from 1492 to present day with a special emphasis on historical thinking skills. Students are expected to read assigned texts and supplemental materials, participate in classroom discussions and research, and practice analysis and writing skills. Students who successfully meet UMKC criteria will earn three (3) hours of college credit. Payment of fees to UMKC is required to earn dual credit. Students who earn a 74.5% or above will receive an additional 5% added to their weighted semester GPA.</p>		

SOCIAL STUDIES ELECTIVE COURSES

ANCIENT WORLD HISTORY (SS210)
(elective)
 Prerequisite: None

Credit: ½

Grade:
10, 11, 12

This course delves into the evolution of civilizations from the rise of ancient empires to the beginning of Middle Ages. Comprehensive and organized by region, this course helps students understand the Earth's physical and human diversity. Students will investigate the reasons for the development of ancient societies, the effects of the emerging civilizations, their problems, and the progress made during different periods of social, economic, and political development, analyze effects of political conflicts and social issues on the development and interdependence among early civilizations, and the contributions that tied them with the modern world.

CURRENT EVENTS (SS203)
(elective)
 Prerequisite: None

Credit: ½

Grade:
10, 11, 12

Students become conversant on the issues facing our world today, develop a context by which to interpret the news, and expand understanding about the role they play in those events. Emphasis is placed on the elements of media coverage to become informed consumers of the news.

HISTORY THROUGH FILM (SS204)
(elective)
 Prerequisite: None

Credit: ½

Grade:
10, 11, 12

A critical study of film, mass media, and social media. Through screenings, readings, and discussion students examine how film and mass media serve as powerful determinants of ideology, identity, and historical consciousness. Students gain an in-depth understanding of important historical events and question the consequences of our passive consumption of mass media.

HOLOCAUST STUDIES (SS302)
(elective)
 Prerequisite: None

Credit: ½

Grade:
11, 12

Examine the causes, course, and consequence of the "Holocaust" as it developed in Nazi Germany during the period of 1932-1945. Emphasis is placed on the history of European Jewry before the Holocaust and on understanding how such a tragedy could take place in the "civilized world" of the modern 20th century. Other examples of discrimination, relocation, and genocide are examined, as well as the issues of social justice and bystander responsibility.

PSYCHOLOGY (SS201)
(elective)
 Prerequisite: None

Credit: ½

Grade:
11, 12

Psychology is the science that studies human behavior and mental processes. This course provides an introduction to the field of psychology and its major perspectives including the biological basis of behavior, sensation, perception, learning, memory, motivation, emotion, personality and stress. This course will also examine the areas of developmental, social and abnormal psychology.

SOCIOLOGY (SS202) <i>(elective)</i> Prerequisite: None	Credit: ½	Grade: 11, 12
<p>Sociology is the science of people, their behavior, and the impact of that behavior on society. It is concerned with how people relate to and influence each other's behavior, focusing more on the group than the individual. Sociologists accomplish this by examining social phenomena, or observable facts or events that involve human society. Students will be required to address and assess various hypothetical and real-life experiences related to human and societies' behaviors.</p>		
DUAL CREDIT HONORS U.S. GOVERNMENT & POLITICS (SS452) <i>(alternative to U.S. Government & Politics requirement)</i> Prerequisites: 3.0 cumulative GPA or higher <i>AND</i> an average of 85% or above in U.S. History <i>AND</i> English III classes.	Credit: ½	Grade: 12
<p>A political science course for highly motivated students. Students examine the institutions, groups, beliefs, and ideas that make up American government. Particular emphasis is given to a political understanding of government, with a critical eye to the role that the people play in the process. Reading materials are extensive and challenging. Students read assigned texts and supplemental materials, participate in classroom discussions and research, and practice analysis and writing skills. Students who successfully meet UMKC criteria will earn three (3) hours of college credit. Payment of fees to UMKC is required to earn dual credit. Students who earn a 74% or above will receive an additional 5% added to their weighted semester GPA</p>		

CATHOLIC THEOLOGY

The St. Michael the Archangel Catholic High School Theology Department, along with the entire faculty and staff, is dedicated to passing on the teachings, traditions, and treasures of the Catholic faith to our students. The Theology Department provides students with the foundational knowledge of the Catholic faith based on strong catechetical instruction supported through the regular offering of Mass, serving others, spiritual direction, sacramental life, retreats, vocational awareness, and a culture of charity. All students must be enrolled in a theology course every semester for the entire four years of high school.

Christian Stewardship Program:

- Underclassmen complete 75 hours prior to the senior year (25 each school year)
- Service hours must be completed in order to move on to the next grade level and is a graduation requirement for seniors.
- Service must be done with one specific agency.
- Specific agencies should be chosen each year.
- Students complete a project on their service aligned with the Corporal & Spiritual works of Mercy. The paper counts for 10% of their second semester Theology grade.
- Underclassmen present their specific 25 hours of service for that year in their Theology classroom.
- Seniors commit 25 hours of charity to a unique and personalized senior project rooted in service.
- Seniors give a presentation on all three years of service and their senior project in the spring to a panel of faculty members, a diocesan priest and board members. This presentation is worth 10% of their second semester Theology grade.

THEOLOGY COURSES

REVELATION OF JESUS CHRIST IN SCRIPTURE (*THEO101*)

REQUIRED

Prerequisite: None

Credit: 1

Grade: 9

An introduction of sacred scripture and its significance to Jesus Christ in the Old and New Testaments. First semester is an overview of our knowledge of God and where the Bible comes from. Second semester is an examination of the Old and New Testaments and how Christ reveals Himself through them.

THE CHURCH AND THE SACRAMENTS (*THEO202*)

REQUIRED

Prerequisite: Completion of 9th grade Theology requirements

Credit: 1

Grade: 10

Sophomore theology builds on the freshman course. Students study how we experience Christ's Living Body through the Church. The first semester includes Christology and Ecclesiology and focuses on how the Church continues the mission of Christ. The second semester curriculum helps students understand how Christ's saving action is present in the Sacraments, especially through the Eucharist. Special attention is also given to the process of discerning God's call in our lives and this is primarily done in the study of the sacraments of vocation.

CATHOLIC MORALITY (THEO310) REQUIRED Prerequisite: Completion of 10 th grade Theology requirements	Credit: 1	Grade: 11
<p>Junior theology helps students understand that it is only through Christ that they can fully live out God's plans for their lives. With an understanding of Salvation History and the sacramental life of the Church, students learn the moral principles that govern the lives of Christ's disciples. During the second semester, students examine John Paul II's Theology of the Body to expand understanding of human sexuality.</p>		
APOLOGETICS (THEO403) REQUIRED Prerequisite: Completion of 9, 10, & 11 th grade Theology requirements	Credit: ½	Grade: 12
<p>This <u>mandatory course</u> is designed to help students develop a response to the questions and challenges the secular world poses to their Christian faith. Responses are based on sound principles of logic and reason, as well as personal faith. This course engages the Catechism of the Catholic Church, Scripture, as well as on encyclicals and other Church documents. Also involved in the work of apologetics is the recognition of the spiritual challenges it can pose to the person which requires a strong prayer life, as well as the interpersonal skills necessary to winning hearts rather than just arguments.</p>		
CATHOLIC SOCIAL TEACHING (THEO410) Prerequisite: Completion of 9, 10, & 11 th grade Theology requirements	Credit: ½	Grade: 12
<p>An introduction to Catholic social teaching, sometimes referred to as Social Justice. Students learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching. While gaining a deeper understanding of the social aspect of the Catholic mission, students explore our responsibility to live out this mission.</p> <p>This course is one of the options that students may choose for their theology electives.</p>		
CATHOLIC CHURCH THROUGH THE AGES (THEO420) Prerequisite: Completion of 9, 10, & 11 th grade Theology requirements	Credit: ½	Grade: 12
<p>This course will focus on Catholic engagement with the world throughout history. We will examine the ways that the Church has called us to seek holiness, witness to our faith, and influence the culture in every age. Each age of the Church will be examined to understand the cross-section of Catholic culture and society as a whole. This course will include reading many primary sources and operate as a Great Books seminar-style class.</p> <p>This course is one of the options that students may choose for their theology electives.</p>		

WORLD LANGUAGES

Students completing a course of foreign language study demonstrate course appropriate outcomes in the three modes of communications: Interpretive (understand and synthesize), interpersonal (spoken and written communication), and presentational (spoken and written). Students also gain an understanding of the products, practices, and perspectives of the target cultures to better participate in an ever-changing global society. There is a two-credit requirement of the same language in order to graduate from St. Michael the Archangel. To enroll in World Language Honors courses, students must have a World Language Department instructor recommendation and should have a minimum grade of 85% in his or her current language course. The Honors course must be within the same language as the preceding course and taken in two consecutive years. **Incoming freshmen interested in enrolling in language level II or above must take a placement test before enrolling.**

Possible World Languages		
Spanish	French	Latin
Spanish I	French I	Latin I
Spanish II/ Honors Spanish II	French II/Honors French II	
Honors Spanish III	Honors French III	Latin II
Honors Dual Credit Spanish IV	Honors Dual Credit French IV	
Honors Dual Credit Spanish V	Honors Dual Credit French V	Latin III

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WORLD LANGUAGES COURSES

FRENCH I (FR101) Prerequisite: None	Credit 1	Grade: 9, 10, 11, 12
<p>An introduction to French language and culture. The fundamentals of pronunciation, grammar, and culture are presented through a balanced development of the three modes of communication: interpretive, interpersonal, and presentational. The importance of communication and cultural awareness is stressed through a wide variety of activities.</p>		
FRENCH II (FR201) Prerequisite: French I	Credit 1	Grade: 9, 10, 11, 12
<p>Building upon knowledge gained in French I, emphasis is placed on perfecting pronunciation, mastering the basic grammatical structures, and improving communicative proficiency. Students are exposed to present, past and future tenses. Students are expected to apply grammar and vocabulary skills learned through the three modes of communication.</p>		
HONORS FRENCH II (FR254) Prerequisite: French I grade of at least 85% & Instructor Approval	Credit 1	Grade: 9, 10, 11, 12
<p>Designed to challenge students interested in foreign language or in continuing language studies beyond French II. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Students are expected to apply grammar and vocabulary skills learned through the three modes of communication. Honors French II is a combination of French II curriculum and a more advanced level of study designed to prepare students for transitioning into Honors French III.</p>		
HONORS FRENCH III (FR251) Prerequisite: French II, grade of at least 85% & Instructor Approval	Credit 1	Grade: 10, 11, 12
<p>This course builds upon knowledge gained in French I and II. Students expand their vocabulary range to include more sophisticated terminology, use advanced language expressions, and varied verb tenses and moods such as the pluperfect tense and the subjunctive mood. Students view authentic French language videos and read selected French short stories. This is a fast-paced course to prepare students for Dual Credit Honors French IV.</p>		
DUAL CREDIT HONORS FRENCH IV (FR452) Prerequisite: Honors French III	Credit 1	Grade: 11, 12
<p>To best facilitate the study of language and culture, this course is taught exclusively in French. The course focuses on the integration of authentic resources including online, print, audio, and audiovisual resources, as well as traditional print resources. All assessments must be completed in French. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication towards the pre-advanced level. College credit is available for those students who meet UMKC requirements and those that pay the course fee through UMKC.</p>		
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DUAL CREDIT HONORS FRENCH V (FR453) Prerequisite: Dual Credit Honors French IV	Credit 1	Grade: 12
<p>This advanced course is for students who have successfully completed four years of French and it emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. The course is conducted entirely in French and prepares students for intermediate levels of college French. Students may work on cultural projects, read authentic works of literature, or watch authentic feature films. Advanced grammar is introduced as it relates to the instructional materials. Students are graded on the three modes of communication: interpersonal, interpretive, and presentational. College credit is available for those students who register through UMKC and pay the cost per credit hour.</p>		
LATIN I (LN101)	Credit 1	Grade: 9, 10, 11, 12
<p>This course introduces the student to the language of the ancient Romans. Each student builds a strong base of vocabulary and begins to read Latin prose. Students learn how Latin has affected modern languages, especially the vocabulary and grammar of English. This course also provides lessons on Roman culture from which many aspects of western civilization have evolved as well as the importance of the Latin language in the Catholic Church.</p>		
LATIN II (LN201) Prerequisite: Latin I	Credit: 1	Grade: 10, 11, 12
<p>Students will gain proficiency in reading Latin. The course will also offer additional activities on speaking and writing Latin. In terms of grammar, students will devote a significant amount of time learning how to conjugate verbs according to varying tenses, voices, and moods. Students will continue to study Roman history and culture, the influence of Latin on modern languages, and the role of Latin in the Catholic Church.</p>		
LATIN III (LN301) Prerequisite: Latin II	Credit: 1	Grade: 10, 11, 12
<p>Students will continue to expand their knowledge of Latin vocabulary and grammar. They will learn new details about all parts of speech, especially special classes of verbs and more advanced sentence constructions. They will continue to develop proficiency in reading Latin. Reading and discussions will give the students a deeper understanding of Roman history and culture, as well as Rome's influence on the Western world, the Catholic Church, and America.</p>		
SPANISH I (SP101) Prerequisite: None	Credit: 1	Grade: 9, 10, 11
<p>A general introduction to Spanish I, language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Basic conversations are mastered, and verb conjugation begins with the present indicative tense. The three modes of communication are emphasized. The main objectives include the ability to participate in simple conversations using phrases and simple sentences and to teach the students a basic understanding of Spanish culture, vocabulary, and grammar.</p> <p style="text-align: right;">BACK TO THE TABLE OF CONTENTS</p>		

SPANISH II (SP201) Prerequisite: Spanish 1	Credit: 1	Grade: 9, 10, 11, 12
Building upon knowledge gained in Spanish 1, emphasis is placed on perfecting pronunciation, mastering the basic grammatical structures, and improving communicative proficiency. Students are exposed to present and past tenses. Students are expected to apply grammar and vocabulary skills learned through the three modes of communication. This course introduces students to a variety of cultural aspects of Spanish speaking communities around the world.		
HONORS SPANISH II (SP251) Prerequisite: Spanish 1 grade of at least 85% & instructor recommendation	Credit: 1	Grade: 9, 10, 11, 12
Designed to challenge students interested in foreign language or in continuing language studies beyond Spanish 2, emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Students are expected to apply grammar and vocabulary skills learned through the three modes of communication. Honors Spanish II is a combination of the Spanish II curriculum and a more advanced level of study designed to prepare students for transitioning into Honors Spanish III.		
HONORS SPANISH III (SP351) Prerequisite: Spanish 2 grade of at least 85% & instructor recommendation	Credit: 1	Grade: 10, 11, 12
This course builds upon knowledge gained in Spanish 1 and 2. Students expand their vocabulary range to include more sophisticated terminology, use advanced language expressions, verb tenses, and grammatical concepts such as the pluperfect and the subjunctive mood. Students view authentic Spanish language videos and read selected Spanish short stories. This is a fast-paced course to prepare students for Dual Credit Honors Spanish IV.		
DUAL CREDIT HONORS SPANISH IV (SP452) Prerequisite: Honors Spanish III	Credit: 1	Grade: 11, 12
This course prepares students to advance to a high proficiency level by implementing a fast-paced college level curriculum. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication towards the intermediate level. College credit is available for those students who meet UMKC requirements and register through UMKC and pay the course fees associated with the class.		
DUAL CREDIT HONORS SPANISH V (SP453) Prerequisite: Dual Credit Honors Spanish IV	Credit: 1	Grade: 11, 12
This advanced course is for students who have successfully completed four years of Spanish. It emphasizes communication by applying interpersonal interpretive and presentational skills in real-life situations. To best facilitate the study of language and culture, the course is taught in Spanish. The course focuses on the integration of authentic resources including online, print, audio, and audiovisual resources. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication towards the intermediate level. College credit is available for those students who register through UMKC and pay the cost per credit hour.		