



ARCHBISHOP ALTER HIGH SCHOOL
VIEW BOOK & COURSE CATALOG
2024 - 2025





Our Mission

Archbishop Alter High School is committed to challenging students to reach their fullest potential by providing academic excellence and fostering personal growth in a Christ-centered, co-educational, Catholic environment.

What We Believe

- There is God-given dignity in every person
- The best education develops the whole person: physically, emotionally, intellectually, morally, and spiritually
- Our purpose is to cultivate servant leaders
- A diverse community best expresses the fullness of the Body of Christ
- Our goal is to create a legacy that lasts by ensuring that students grow together as a community in Christ

2024-2025 COURSE CATALOG

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The Class of 1966
was dedicated by the renowned
sculptor Robert Koepnick,
who Archbishop Alter
was the first graduating
member of the class of '66.
He made this gift in



ARCHBISHOP AL

It's where you are known, valued, and loved

Archbishop Alter High School is a diverse community where students are encouraged to grow in their faith, in their knowledge, and in their relationships. Our students come from many different schools, cities, and counties. While the majority are Catholic, a wide variety of religious denominations are represented at Alter. Students bring with them many different experiences, gifts, talents, and aspirations that make Alter the vibrant and exceptional place it is.

Alter High School regularly produces students who are confident, motivated, prepared, sought-after, and ready to take on the challenges ahead. An Alter education produces students who are academically strong, who have a heart for service, who are leaders, and who are part of a lifelong and worldwide network of Knights.

We invite you to learn more about the incredible FAITH, PRIDE, and SPIRIT that are hallmarks of every aspect of Archbishop Alter High School, and we look forward to walking beside you as you journey through the halls of our school and into your future.

ALTER ADMISSIONS OFFICE

Office: 937.428.5394 admissions@alterhs.org AlterHS.org

It's where you prepare & succeed!

Alter High School has a professional staff of 55 who have a combined average of over 17 years teaching experience. A Masters Degree is held by 68% of the faculty, and the student to faculty ratio is 11:1. We believe that the key to high performing students is high performing teachers. Our generous and gifted educators encourage students to dream big and reach higher.

In addition, our caring staff of intervention specialists work closely with classroom teachers and parents to help students who need additional academic support find success. Alter faculty and staff members continue to teach long after the final bell has rung. Their dedication to our students' needs extends beyond the classroom as they mentor students through various clubs and other co-curricular activities.

COURSE CURRICULUM

Alter's comprehensive curriculum offers more than 120 courses across 13 departments at the college preparatory, as well as Honors Level. We offer ten Advanced Placement Courses. Additionally, students are permitted to independently study for AP examinations in subject areas for which there is no course offered. Our Catholic faith is integrated into every class, promoting the school's mission to educate students in spirit, mind, and body.

For incoming freshmen, placement in Honors courses is based upon student achievement on the High School Placement Test (HSPT), teacher recommendations, Iowa Basic Scores, and academic grades earned in junior high.

CLASS 101

Alter is now partnering with Class 101 Dayton. We are blessed to bring Class 101 directly into our school as they meet with students and parents in groups and in one-on-one discussions.

Class 101 Dayton helps students and families navigate the college planning process. Its mission is to empower students, serve families, and inspire greatness. We know that applying to college can be overwhelming, which is why we strive to make this process enjoyable for families. Class 101 helps navigate the complex, multi-year process by working one-on-one with students as early as their freshman year of high school. As their mission states, "It's not just about getting into college. At the core of everything we do is a passion for helping young people find their future."



It's where you engage!

Students at Alter are involved in a myriad of co-curricular and extra-curricular activities on campus. With more than 25 existing clubs, and the opportunity for students to found new clubs, there are so many ways to explore academic and career interests, to learn new skills, and to form connections with peers.

Students can participate in organizations centered around performing and visual arts, student government, faith and service, as well as athletics.

Faith and service are pillars of daily life at Alter High School. Mornings and afternoons are times for school-wide prayer, and we worship and celebrate Mass as a school at least once per month. Theology courses, First Friday masses, as well as faith-based organizations such as Upper Room and Men's and Women's Fellowship offer opportunities for students to grow in their own faith and support their peers in their faith development. Alter Knights participate in a four-year retreat program and find opportunities to serve their community through Key Club and Magnified Giving.



CLUBS

Faith and Service

- Dare to Care
- CURE Club
- Hope Squad
- Key Club
- Knights for Life
- Liturgical Choir and Musicians
- Men's Fellowship
- Peer Ministry
- Student Ambassadors
- Upper Room
- Women's Fellowship

Academic Enrichment

- Academic Team
- Art Club
- Book Club
- Ecology Club
- E-Sports Club
- French Club
- German Club
- Horizons in Medicine
- Mock Trial
- National Honor Society
- Science Olympiad
- Spanish Club
- Excalibur Yearbook

Performance Arts

- Castle Players
- Cheerleading
- Color Guard
- Concert Band
- Jazz Ensemble
- Lancerettes
- Marching Knights
- Pep Band
- Percussion Ensemble

Student Government

- Class Delegates
- Student Council

BOYS ATHLETICS

Fall Sports

- | | |
|---------------|--------|
| Cross Country | Golf |
| Football | Soccer |

Winter Sports

- | | |
|------------|-----------------|
| Basketball | Swimming/Diving |
| Bowling | Wrestling |
| Hockey | |

Spring Sports

- | | |
|----------|------------|
| Baseball | Track |
| Lacrosse | Volleyball |
| Tennis | |

GIRLS ATHLETICS

Fall Sports

- | | |
|---------------|------------|
| Cross Country | Tennis |
| Golf | Volleyball |
| Soccer | |

Winter Sports

- | | | |
|------------|-----------------|-----------|
| Basketball | Gymnastics | Wrestling |
| Bowling | Swimming/Diving | |

Spring Sports

- | | |
|----------|----------|
| Softball | Lacrosse |
| Track | |



It's where you believe!

At Alter, faith in Jesus is behind all things we do. From classes to sports to clubs, we believe that there are limitless ways to know and love God, and we strive to see His presence in all things.

But beyond incorporating our faith into our daily lives, our faith encourages us to be welcoming and it challenges us to work for justice. It ignites our passion for service and reminds us to practice compassion. It calls us to prayer and a deeper relationship with Christ, and it inspires us to be leaders who can share our faith with the larger community and the world.

COMMUNITY

We are a community that welcomes students from various places, backgrounds, and faith traditions, and that community spirit is fostered by our retreat program.

The annual retreat program provides students with new ways to engage in prayer and sacraments in an out-of-school setting and allows them to make new discoveries about their faith.

It is a way for students to get to know their classmates in a unique way and to build strong bonds of friendship and support. Most come to a new understanding and appreciation of both their faith and our diverse community.



PRAYER

Prayer is a constant in the lives of Alter students. Each day begins and ends with schoolwide prayer. Every class begins with prayer that is often led by students, thus giving them the opportunity to develop as spiritual leaders. Teams and clubs pray regularly, and the entire Alter community comes together to celebrate the Eucharist at least once every month. Alter also provides opportunities to participate in Eucharistic Adoration and Reconciliation.



SERVICE

Commitment to service is evident at Alter. With curriculum-based service learning, our students generate thousands of hours of community service and tens of thousands of dollars every year to benefit local and global organizations. The emphasis of ministry to others through very personal, hands-on opportunities shapes the souls of our students and establishes a lifetime habit of community service.

LEADERSHIP

At Alter, students learn to be leaders in service of their peers, the community, and the world. Many of our Masses, retreats, prayer experiences and service opportunities at Alter are planned and executed by trained student leaders. They take an active role in shaping their school and forming the faith of their peers. These are skills they take with them to become leaders in our church and our world.





It's where you invest!

ALTER TUITION

At Alter, we understand that choosing a private, parochial high school is a major financial decision for families. For that reason, we work very hard to keep our overall tuition affordable through careful management of our operating budget.

We offer need-based tuition assistance through scholarships, grants, and financial aid and continually seek ways each year to increase our available resources.

The 2024-25 tuition rates are as follows: for families belonging to a local, Catholic parish the rate is \$11,950 per student. The non-parish rate is \$12,600 per student.

Although the full cost to educate an Alter student exceeds \$15,000 annually, we make up the difference between the actual cost and tuition through gifts to The Alter Fund and other revenue sources.

TUITION ASSISTANCE

Alter High School uses the FACTS Grant and Aid Assessment tools provided by FACTS Management Company to assist in the determination of financial need.

For consideration of any financial aid, families must submit:

- A state of Ohio EdChoice Scholarship Application
- An annual FACTS Grant and Aid Assessment
- Application for Admission to Alter High School

Families can receive up to three types of tuition assistance:

- EdChoice Scholarship
- Alter Named Scholarship — we award both need-based and merit-based scholarships
- Financial Aid — only available to families with a demonstrated need

EDCHOICE

The EdChoice scholarship program, expanded by the State of Ohio in summer 2023 to provide financial support to ALL families wishing to attend a private school, is an important first step in the financial aid process for Archbishop Alter High School. Scholarship awards are correlated to total household income.

Since EdChoice Scholarships are available to ALL our enrolled students, regardless of a family's household income, we ask each family to submit an application to the state of Ohio. EdChoice Scholarships are the largest source of tuition assistance available, followed by Named Scholarships and finally, financial aid.

NAMED SCHOLARSHIPS

Alter students can apply for a named scholarship to defer the cost of tuition. We have over 40 scholarships ranging from an annual award of \$500 to half a year's tuition. Our scholarships are both need-based (financial criteria) and merit-based, recognizing a student's performing arts, academic, leadership and/or service achievements. All scholarships are applied for online and must be submitted by the specified deadline in advance of the upcoming school year.

For a full list of Named Scholarships, visit our website at [Alterhs.org/scholarship-applications](https://alterhs.org/scholarship-applications).

FINANCIAL AID

For families with demonstrated financial need, Alter can award financial aid to supplement EdChoice and/or a named scholarship.

TIMELINE

A specified deadline date is provided each year for the following:

- Application for Admission to Alter
- FACTS Grant & Aid Assessment
- Application for any Alter Named Scholarship

Once you have established an account through EdChoice, your account can be renewed for each school year.

GRADUATION REQUIREMENTS

Each student is required to successfully complete a minimum of 24 units of credit in order to receive a diploma from Archbishop Alter High School. Listed below is an overview of the required courses. Please see p. 41-44 for specific requirements by grade level.

English	4 credits
Mathematics	4 credits
Social Studies	3 credits
Science	3 credits
Theology	1 credit (for each year enrolled at Alter)
Fine Arts	1 credit
Technology Skills and Ethics	1 credit
Physical Education	.5 credit *
Health	.5 credit
Speech	.5 credit
Financial Literacy/Personal Finance	.5 credit (for Class of 2026 and beyond)

* Students who participate in interscholastic athletics or cheerleading for two full seasons will be exempt from the physical education requirement. Students must take another course of at least 60 contact hours in its place. Any student wishing to exercise this option MUST see their counselor in advance for full details.


COLLEGE REQUIREMENTS

Many Ohio colleges and universities require the following units of high school study:

- 4 units of English
- 3 units of Mathematics (Algebra 1, Geometry, Algebra 2)
- 2 or 3 units of World Language
- 3 units of Laboratory Sciences
- 3 units of Social Studies
- 1 unit of visual or performing arts (Fine Arts)

Alter High School recommends that students take as many units of academic course work as possible during the high school career to avoid a deficiency for college entrance. However, since our students attend such a variety of colleges and universities, it is the responsibility of students and parents to contact the college of choice to determine specific entrance requirements for that institution.

NCAA ELIGIBLE CLASSES

If you wish to participate in NCAA Division I or II athletics, you need to be certified by the NCAA Eligibility Center. A student becomes certified by acquiring credits (16 for Division I and II) in the core subject areas. Only certain courses count towards that certification. These courses are marked with the following icon: . Please see your counselor for complete details.

DIPLOMA WITH HONORS

To earn the Diploma with Honors from the State Board of Education, a student must earn any seven of the following eight criteria:

1. English 4 credits
2. Mathematics 4 credits (including Algebra 1 and 2 and Geometry)
3. Science 4 credits (including 2 credits of Advanced Science)
4. Social Studies 4 credits
5. World Language 3 credits (3 credits in one language or 2 credits each in two different languages)
6. Fine Arts 1 credit
7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
8. Obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite score of 1280 on the Scholastic Achievement Test (SAT) with no regard for its writing portion.

Courses for which high school credit has been given in the eighth grade or as part of the post secondary option apply toward the performance criteria for the diploma with honors; provided at least 21 credits are earned in grades 9-12 for graduation.

SCHOLARS PROGRAM

Program Requirements

- Maintain a minimum of 3.6 GPA
- Accumulate fewer than 37 hours/semester of absences
- Remain a student in good standing accumulating fewer than six demerits per school year and no demerits for integrity issues.

Academic Requirements

- Senior Year Final Capstone Project completed and submitted in early December.

Application to the Alter Scholars program will happen at the beginning of the second semester of freshman year. Eligible students will be contacted via email about the process.

CONSERVATORY OF THE ARTS

The Alter High School Conservatory for the Arts and the Conservatory Certificate is dedicated to the finest teaching of performance, pedagogy, and academic core standards in music, dance, theatre and the visual arts.

Program Requirements:

- Enrollment form
- Member of the Creative Arts Club/Muse Machine each year
- 3.5 total credits of Fine Arts classes (Music, Art, Theatre, Dance) for the culminating Conservatory Certificate
- Attend productions/performance/art events and complete performance critiques
- Involvement Alter's Fine Arts Organizations/ensembles/productions
- Junior Year Apprentice/Shadow project and Interview
- Senior "TED Talk" Presentation

FAILURE OF COURSES: ENGLISH AND THEOLOGY

Because English and Theology courses are sequential, students must pass these courses in order to be promoted to the next grade level. If a student fails English, he/she has the opportunity to make up the course in summer school. Failure to make up English or Theology courses places the student in jeopardy of not graduating from Alter High School.

FAILURE OF COURSES: SENIOR YEAR

If a senior fails a required course during the first semester, he/she may elect to make up the course through an approved correspondence or web based program at an accredited educational institution or during summer school. If a senior fails a requirement for graduation, he/she may participate in the commencement ceremonies, however, the diploma will not be issued until completion of the make-up course.

ADVANCED PLACEMENT COURSES

Advanced Placement courses offer students the opportunity to participate in college-level studies. Upon completion of the AP course, students are required to take the nationally administered examination in May at the prevailing fee. According to their performance on the examination, students may receive college credit. This makes it possible for the student who is successful on the exam(s) and in the course(s) to enter college at a level beyond that of a beginning freshman.

Each college has its own criteria for granting AP credits. Please check with the college admissions office for specific information.

Advanced Placement courses are offered in the following subjects (Please check course prerequisites):

AP American Government	AP English Language
AP United States History	AP English Literature
AP Biology	AP Psychology
AP Calculus AB	AP Chemistry
AP Calculus BC	AP 2D Art & Design

DESCRIPTION OF GRADING SYSTEM

- A — outstanding, superior performance/achievement
- B — above average performance/achievement
- C — average performance/achievement
- D — below average performance/achievement, but passing
- F — failing

COURSE WEIGHTING

Grade	Numeric	Regular	Honors	AP
A+	98-100	4.333	4.833	5.333
A	95-97	4.000	4.500	5.000
A-	92-94	3.667	4.167	4.667
B+	89-91	3.333	3.833	4.333
B	86-88	3.000	3.500	4.000
B-	83-85	2.667	3.167	3.667
C+	80-82	2.333	2.833	3.333
C	77-79	2.000	2.500	3.000
C-	74-76	1.667	2.167	2.667
D+	71-73	1.333	1.833	2.333
D	68-70	1.000	1.500	2.000
F	0-67	0.000	0.000	0.000

GRADE POINT AVERAGE AND HONOR ROLL

Each letter grade on a student's quarter report card (excluding Yearbook) is converted to a number from 0 to 5 according to the grade and weight of the course. The sum of these numbers divided by the number of credits earned in the quarter is the student's grade point average for the quarter.

Students receiving all As in any quarter will receive Honors with Distinction. Students receiving all As and no more than one B will be awarded First Honors for the quarter; students who receive a combination of As and Bs with no more than three Bs and no grade lower than B- will be awarded Second Honors for the quarter.

Honor Rolls are based on quarter grades. Poor attendance may affect honor roll status.

REPORT CARDS/PERMANENT RECORDS (TRANSCRIPTS)

A special evaluative report is made in each subject after each quarter. This report includes the student's progress and present status in the course. Status is indicated by letters (A, B, C, D, and F) and the final grade in the course appears on the student's permanent record (transcript) at the end of each semester. In order to receive the credit assigned to each course, the student must complete the course and have a passing final grade (D or higher).

CREDIT FLEXIBILITY

Students may earn high school graduation credit by demonstrating subject area competency through the completion of traditional coursework, testing out or otherwise demonstrating mastery of course content and/or pursuing an approved educational option made possible by the model for credit flexibility adopted by the State Board of Education. However, students are required to earn a minimum of 5 traditional credits in classes offered here at Alter each year. For complete policy guidelines and the Flex Credit application, please see your counselor.



BUSINESS

CURRENT COURSE OFFERINGS

Technology Skills & Ethics

Accounting 1

Accounting 2

Business Law

Entrepreneurship

Marketing

Multimedia

Financial Literacy /
Personal Finance

Tech Skills & Ethics is taught to all freshmen with an emphasis on learning management systems, research and Internet skills.

Financial Literacy/Personal Finance students participate in a program which encourages students to learn about financial issues relevant to adult life.

Marketing students participate in a Consumer Research project.

Business Law students participate in a Mock Trial held within the classroom.

Accounting students hear about real world experiences through guest speakers and field trips.

ACCOUNTING 1

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: Cumulative GPA of 2.0. Previous math grades must be a minimum of a C.

Description: This course teaches accounting principles and terminology. The student learns how the accounting cycle works for service businesses organized as proprietorships and for merchandising businesses organized as corporations. Students complete Internet research activities related to the science of accounting. In addition, students will use Microsoft Excel to complete classroom assignments. Accounting 1 and 2 are recommended for students planning any business major in college.

ACCOUNTING 2

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: Accounting 1

Description: This course teaches accounting for a merchandising business organized as a corporation—adjustments and valuation, accounting for partnerships, and the recording of international and Internet sales. Students will complete Internet research activities related to the science of accounting. They will use Microsoft Excel to complete many of their classroom assignments. Accounting 1 and 2 are recommended for students planning any business major in college.

BUSINESS LAW NCAA

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: An interest in business as a course of study in college

Description: This course is designed to prepare students to recognize and understand how the law works in their communities and throughout the country. Specific topics include constitutional laws and freedoms, civil and criminal law, contracts, credit, and insurance. Guest speakers, projects and activities will complement this course.

MULTIMEDIA

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: None

Description: In this project driven course, students use software programs including Publisher, Movie Maker, Audacity and PhotoShop (photo editing). Students will use the Internet, digital cameras, scanners, microphones, photo and sound-editing software and video cameras to make multimedia presentations. This course will prepare students to add multimedia components to personal or classroom presentations. Students will use discovery and critical thinking to create the projects. This is NOT a lecture based course.

INTRODUCTION TO MARKETING

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: None

Description: This course includes all the activities required in a business or organization to get goods and/or services from where they are produced to where they are consumed. The study of marketing enables students to identify and learn concepts that will be helpful to them in future years as consumers. Students will be completing projects and activities to learn about marketing. They will also have the opportunity to use the Internet and software provided with their textbooks.

FINANCIAL LITERACY / PERSONAL FINANCE

Grade 10, 11, 12	Required	1 Semester	½ Credit
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Prerequisite: None

Description: This course provides students with the opportunity to learn how to manage some of the financial obligations of living as an adult. Students will be exposed to financial topics that are of interest to young adults: salary and benefits, taxes, budgeting, bank accounts, benefits and responsibilities of credit cards and loans, renting a residence, and procuring insurance.

TECHNOLOGY SKILLS AND ETHICS

Grade 9	Required	2 Semesters	1 Credit
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Prerequisite: None

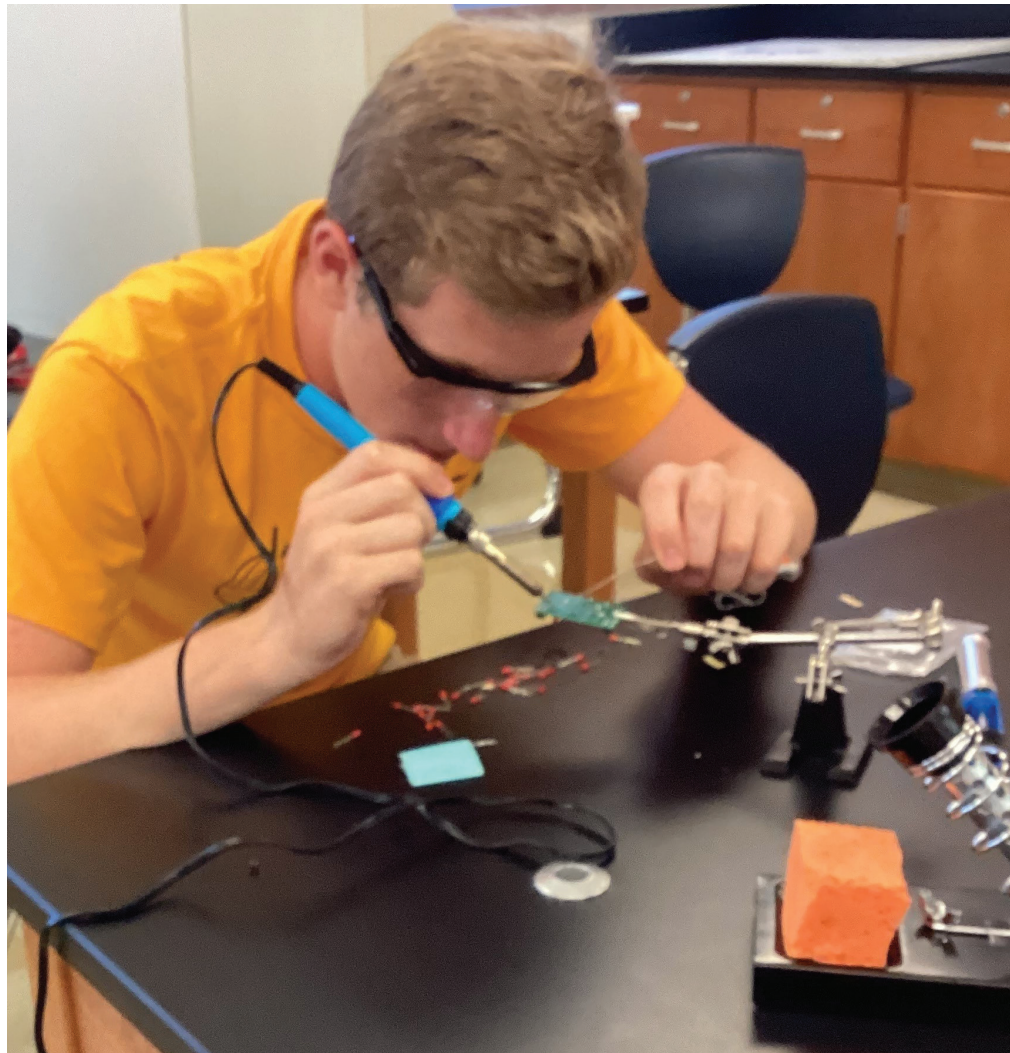
Description: This course will review proper Keyboarding skills and the use of Microsoft Word, Excel, and PowerPoint as it applies to requirements of Alter High School and everyday life. Fundamental concepts of computer hardware and software will be discussed as well as introducing students to Alter's Learning Management System, Student Information Portal and Alter's email. Course work will include the skills and understandings that are necessary for students to be responsible and ethical digital citizens.

ENTREPRENEURSHIP

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: None

Description: This course is designed for students interested in a business career and/or those who aspire to owning their own business. The course includes a study of what it takes to own and run a business. Creating a business plan is covered, and students will develop a business plan project for launching their own business ideas.



CONSUMER SCIENCES & PHYSICAL EDUCATION

CURRENT COURSE OFFERINGS

Chef 1

Chef 2

Health

Work It Out 1

Work It Out 2

Explore culinary skills while incorporating service-related projects:

- Students bake cookies for Open House
- Compete in various culinary challenges:
- Ultimate Cake Challenge
 - Iron Chef competition

Students create their own "Food Network" video as their family meal project.

Physical Education provides challenging and satisfying experiences in meaningful movement, self-expression, physical well-being and knowledge and techniques of sport activities.

Health will prepare and empower students to value and engage in life-long healthy lifestyles which will allow them to reach their fullest potential and assure that they become productive, responsible citizens.

Students who participate in interscholastic athletics, band or cheerleading for two full seasons may use their participation experience as their physical education requirement.

Students have the opportunity to assist athletic teams as student athletic trainer aides.

FAMILY AND CONSUMER SCIENCES

CHEF 1

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: None

Description: Chef 1 is designed for students with little or no knowledge of food preparation. Through lecture and extensive lab work, Chef 1 covers: reading a recipe, basics of food preparation spanning all three meals and snacks; cooking terms and techniques; identification use, care and selection of kitchen equipment/utensils; and nutrition. The Chef program focuses on expanding a student's appreciation for all foods; **Therefore, students are expected to eat the food prepared in class.** Preparation of a simple family meal is required with a video project submitted for documentation. Completion of Family Meal Project required to take Chef 2.

CHEF 2

Grade 11, 12	Elective	1 Semester	½ Credit
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Prerequisite: Chef 1

Description: Chef 2 continues the skills learned in Chef 1 with a heavy focus on meal planning, organization, preparation, service and dining etiquette. Working in a team environment, students use recipes focused on a variety of advanced preparation techniques. There is a strong emphasis in Chef 2 on expanding a student's appreciation of all foods as well as learning how seasoning affect flavor. **Therefore, students are expected to eat the food prepared in class.**

PHYSICAL EDUCATION

Students who participate in interscholastic athletics, band or cheerleading for two full seasons may use their participation experience as their physical education requirement. Students must take another course of at least 60 contact hours in its place. Students wishing to exercise this option must see their counselor in advance for full details.

Students who wish to complete their physical education requirement through Alter High School may take any two semester physical education courses of their choice.

WORK IT OUT 1

Grades: 9,10,11,12 Elective 1 Semester ¼ Credit

Prerequisite: None

Description: This physical education course will focus on the fundamentals of physical activity and exercise. Students will learn fundamental techniques of exercise including calisthenics, strength training, cardiorespiratory exercise, and flexibility. In addition, students will learn the history, skills, and rules of sports. The goal of this class is to give students a foundational knowledge of physical activity and exercise that they may use to maintain lifelong fitness. This class meets daily.

WORK IT OUT 2

Grades: 9,10,11,12 Elective 1 Semester ¼ Credit

Prerequisite: Work It Out I or instructor signature

Description: This course will review the fundamentals of physical activity & exercise from Work It Out I while expanding on more advanced exercise concepts. Students will explore principles such as progression, overload, specificity, reversibility, and FITT. In addition, we will discuss principles of leadership and coaching. The course will be centered on three major projects: 1) A workout journal that allows students to track the progress of their training throughout the course; 2) The development of an off-season workout program for a sport of each student's choosing; and 3) A student group led training session of their own design. This class meets daily.

HEALTH

Grades: 9,10 Required 1 Semester ½ Credit

Prerequisite: None

Description: This course develops attitudes and skills conducive to positive spiritual, mental, social and physical health. Students explore mental and social issues including symptoms and sources of help as well as the physical health topics of drug education, nutrition, fitness, reproductive health, disease, and CPR. Students become equipped to access, analyze, and apply health information in their daily lives.

PLACEMENT POLICY

The English Department offers regular and advanced classes at all grade levels. Prerequisites for AP classes may not be waived.

FRESHMAN ENGLISH

The English department places incoming freshmen students primarily on the basis of standardized test scores, eighth grade scores, and teacher recommendation.

SOPHOMORE ENGLISH

The English 9 teachers and English department chair will determine student placement and designation based on student performance in freshmen English. Honors English 203 is required for possible placement in AP English Language junior year or AP English Literature senior year.

JUNIOR ENGLISH

The English 10 teachers and English department chair will determine student placement and designation based upon student performance in sophomore English. Honors English 203 is required for possible placement into AP English Language.

SENIOR ENGLISH

The English 11 teachers will determine student placement and designation based upon student performance in junior English. Enrollment in AP English will be based the recommendation of the Honors English 303 and AP English Language teacher(s). Honors English 203 and Honors English 303 are required for possible placement in AP English Literature. Exceptions are made only by the English Department Chair or the Principal.

ENGLISH 9 (101) LITERATURE AND COMPOSITION NCAA

Grade 9	Elective	2 Semesters	1 Credit
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Prerequisite: HS Placement Test and teacher recommendation
Description: This course offers students the opportunity to develop and polish their written expression by focusing on traditional grammar and composition skills aimed at strengthening students’ writing proficiency. Principles of unity and coherence as well as sentence and grammatical structure will be practiced. Students will practice writing descriptive, narrative, and expository essays. Projects will also strengthen pre-writing and paragraphing. Research skills will be introduced, parts of speech, sentence structure, and punctuation will be emphasized as students work to improve their usage of standard English. Students will develop their reading comprehension by analyzing various forms of literature, such as non-fiction, the short story, novel, drama, and poetry.

ENGLISH 9 (102) LITERATURE AND COMPOSITION NCAA

Grade 9	Required	2 Semesters	1 Credit
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Prerequisite: HS Placement Test and teacher recommendation
Description: This course is designed to give students a solid background on the fundamentals of English study that will carry over into future courses. A major part of the year will be devoted to critically analyzing various genres of literature, such as non-fiction, the short story, novel, drama, and poetry. The course creates a foundation of terms that are applied to analyze texts for a deeper meaning. Students in this course will concentrate on improving their ability to develop various forms of exposition. This includes paragraph organization with major and minor support sentences that develop in depth the controlling idea of a clear topic sentence. Research techniques will be incorporated, and students will write an annotated bibliography. Rigorous study of the English language through vocabulary, grammar and syntax will accompany reading and writing assignments for this course.

ENGLISH

CURRENT COURSE OFFERINGS

- Literature and Composition
 - Honors Literature and Composition
 - World Literature
 - Honors World Literature
 - American Literature
 - Honors American Literature
 - AP English: Language and Composition
 - British Literature
 - Honors British Literature
 - AP English: Literature and Composition
 - College Bound Writing
 - Gender & Cultural Studies
 - Creative Writing
 - Speech 1
 - Yearbook

Honors or AP courses are offered at most levels.

Two Advanced Placement courses are offered.

Many of our students participate in local, state and national writing competitions. Several students have won contests.

All students are required to take a semester of Speech.

Graduates consistently tell us they are well prepared for the demands of writing at the collegiate level.

Students explore novels from the classics to contemporary.

HONORS ENGLISH 9 (103) LITERATURE AND COMPOSITION NCAA

Grade 9 Elective 2 Semesters 1 Credit

Prerequisite: HS Placement Test and teacher recommendation

Description: This course is intended for students whose reading skills are very well developed and whose writing skills are developed for essay composition. Students will be expected to analyze challenging works of literature and to express that analysis in written as well as oral composition. The writing in this class will focus on developing compositions of various lengths. The content of the class will require students to analyze concepts and synthesize divergent ideas. Students should expect lengthy reading assignments as well as intense vocabulary and language study. This course will include techniques of research; students will write an annotated bibliography using MLA format. Critical analysis of various forms of literature, such as the short story, novel, drama and poetry will be stressed. All students must read 1-2 books, depending on length of book, and write one paper over the summer. The students will receive the appropriate instructions at the beginning of the summer.

ENGLISH 10 (202) WORLD LITERATURE NCAA

Grade 10 Required 2 Semesters 1 Credit

Prerequisite: English 101, English 102, Honors English 103

Description: This course emphasizes the development of composition skills including outlining, pre-writing, composing, and revising. Students will write multi-paragraph essays and will learn vocabulary development, grammar and language skills in conjunction with course material. The teacher will also reinforce library research skills and documentation of sources, using MLA format. Students will write a research paper. The course is an overview of ancient literature including Egyptian, Indian, Greek, Chinese, Japanese, and African literature along with European and Russian literature from the 19th Century until today.

HONORS ENGLISH 10 (203) WORLD LITERATURE NCAA

Grade 10 Elective 2 Semesters 1 Credit

Prerequisite: A in English 102, Honors English 103 or recommendation of the department chair

Description: Students will learn vocabulary and word usage skills in conjunction with course material. Through the study of literary classics of Western Civilization, Greek, and Roman mythology, the teacher will emphasize the development of students' analytical skills and introduce them to the major literary movements. Students should expect lengthy reading assignments as they employ literary analysis and critical thinking skills. The teacher will also reinforce library research skills that will include paraphrasing, summary, and documentation. The development of composition skills will be stressed, and students will write a research paper.

All students must read 2-3 books, depending on length of book, and write 1-3 papers over the summer. The students will receive the appropriate instructions at the end of the school year.

ENGLISH 11 (302) AMERICAN LITERATURE NCAA

Grade 11 Required 2 Semesters 1 Credit

Prerequisite: English 202 or Honors English 203

Description: This course includes a chronological study of American Literature from colonial times to the present. Material will be covered through short stories, poetry, drama and novels. Students will write essays, including a research paper, and will continue vocabulary development, grammar and language skills in conjunction with course material.

HONORS ENGLISH 11 (303) AMERICAN LITERATURE NCAA

Grade 11 Elective 2 Semesters 1 Credit

Prerequisite: A in English 202, Honors English 203 or recommendation of department chair.

Description: Students in this course an intensive study of a chronological/thematic survey of American Literature from colonial times to the contemporary era through a variety of genres including short stories, novels, poetry, and drama. Students should expect lengthy reading assignments employing literary analysis, writing essays and a research paper using MLA format.

All students must read 2-3 books, depending on length of book, and write 1-3 papers over the summer. The students will receive the appropriate instructions at the end of the school year.

ENGLISH 11 ADVANCED PLACEMENT ENGLISH LANGUAGE NCAA

Grade 11 Elective 2 Semesters 1 Credit

Prerequisite: Honors English 203 or recommendation of department chair

Description: Enrollment is based on the recommendation of English 10 teacher. The English Department Chair will make the final selection. All students will read several books from a list of recommended reading and write several papers during the summer. All pertinent information in this regard will be handed out at the end of the school year. The AP English Language and Composition course is built around a Non-Fiction base and is designed to help students become skilled readers of prose in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Students will learn to read primary and secondary sources carefully and to synthesize materials from these texts for their own compositions. Students will research, write, and present a research paper, using MLA format. Students will take the AP exam in May at the prevailing fee.





ENGLISH 12 (402) BRITISH LITERATURE NCAA

Grade 12 **Required** **2 Semesters** **1 Credit**

Prerequisite: English 302, Honors English 303, AP Language and Composition

Description: This course stresses the study of British Literature within the historical context that produced it. The first semester will cover up through the English Renaissance and the second semester from the seventeenth century to the modern period. In addition, the course emphasizes the development of composition, grammar, and vocabulary skills. The students will write a research paper using MLA format.

HONORS ENGLISH 12 (403) BRITISH LITERATURE NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: A in English 302, Honors English 303, AP Language and Composition or recommendation of department chair

Description: This course is highly intensive, stressing the study of British literature within the historical context that produced it. The course emphasizes reading and writing critical analyses of selected works of major British writers. Students will write a research paper, using MLA format.

All students must read 2-3 books, depending on length of book, and write 1-3 papers over the summer. The students will receive the appropriate instructions at the end of the school year.

ENGLISH 12 ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Honors English 303 or AP Language and Composition or recommendation of department chair.

Description: AP English Literature and Composition is a course in which students will learn how to understand and evaluate works of fiction, poetry and drama from various periods and cultures. Students will improve their analysis skills through reading, writing, and oral presentations over a variety of works of literature. This AP course is designed for students who are capable of doing college-level work in English. Enrollment is based on the recommendation of the Honors English 303/AP Language teacher. The department chair will make the final selection. The students will take the AP exam in May at the prevailing fee.

All students must read several books and write an essay during the summer. The students will receive the appropriate instructions at the end of the school year.

ENGLISH 12 COLLEGE BOUND WRITING NCAA

Grade 12 **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: Students will focus on improving their writing skills. Vocabulary building in addition to grammar training will help enrich students' writing. A variety of different writing forms will be presented with an emphasis in fluent, college-worthy writing. Potential forms of writing: journalism, essay, research, lab report, and multimedia presentations. Students will also be trained in how to become better editors for their peers and for their own work. Students should expect daily writing assignments.

ENGLISH 12 GENDER AND CULTURAL STUDIES IN LITERATURE AND COMPOSITION NCAA

Grade 12 **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: Students will discover how literature defines gender and culture through the ages as they examine the place of men and women in society through a variety of genres. The goal of the course is to provide students with an analytical lens to critically evaluate and understand the social construction of gender and culture in literature. Students will create written pieces reflecting their insights on topics in culture and literature.

ENGLISH 12 CREATIVE WRITING NCAA

Grade 12 **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: This course will focus on creative writing through the process of brainstorming, drafting, editing, and perfecting writing pieces. Students will create a portfolio of written work. Students will be encouraged to enter writing competitions and use this portfolio for college admissions. In addition, basic grammar, structure, technique and style will be mastered. Students should expect daily writing assignments.

SPEECH 1 NCAA

Grades: 10, 11, 12 **Required** **1 Semester** **½ Credit**

Prerequisite: None

Description: This course provides a study of the fundamentals of public speaking in contexts ranging from small group communication to formal presentation and debate. A primary goal in this course is to provide ample opportunity for students to develop confidence in their ability to articulate ideas in any public situation.

EXCALIBUR YEARBOOK

Grades: 9, 10, 11, 12 **Elective** **2 Semesters** **½ Credit**

Limit: 20 students

Grade: Pass/Fail

Description: This class will design, compile, and publish the Alter High School yearbook, Excalibur. The student will utilize design, planning, and journalistic skills in creating the annual. Students are required to sell a minimum of six ads to local businesses.

FINE ARTS

CURRENT COURSE OFFERINGS

— VISUAL ART —

Art History

Art Foundations 1 & 2

Art 3 & 4

Ceramics 1, 2 & 3

Digital Photography & Art

2D/3D Portfolio A & B

AP 2D Art & Design

**Product Design
(Graphic/Fashion)**

Architecture Design

— DANCE —

Jazz Dance 1 & 2

Ballet Dance 1 & 2

Tap Dance

**Contemporary and
Lyrical Dance**

Tap and Jazz Dance

— MUSIC —

Band

Marching Band

Visual Ensemble 1 & 2

**Music Appreciation
and History**

Jazz/Rock Improvisation

Music Technology 1 & 2

— THEATRE —

Theatre 101

Acting 1, 2 & 3

Triple Threat 1, 2, 3 & 4

Musical Theatre



The Alter High School Fine Arts Department and Conservatory for the Arts has the most comprehensive, intensive and award-winning Art, Dance, Music and Theater curricular and co-curricular programs among private schools in Southwest Ohio. Including comprehensive music classes, instrumental ensembles, theatre classes, productions, dance classes for a variety of skill levels and a full complement of visual art disciplines from drawing, painting, photography, ceramics and design.

— VISUAL ART —

The art department offers a wide range of courses for students at all levels of interest in art, from recreational to career-oriented. It is suggested that students who plan to major in an art-related field arrange their schedule to include Art I in the freshman year in order to provide opportunities for advanced study.

ART HISTORY

Grades 9,10,11,12

Elective

1 Semester (Spring)

½ Credit

Prerequisite: None

Description: This course moves through art history from prehistory to contemporary art, examining art as a language that predates written words and is fundamental to humanity. Students will experience various art styles, movements, and media through hands-on experiments and written/reading assignments.

ART FOUNDATIONS 1

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: In this course students will form a better understanding and appreciation of art through studying the elements and principles of design. While gaining experience with a variety of 2-D media, students will increase their powers of observation and logical problem solving. Much emphasis is on exposure to, and experimentation with a wide variety of drawing materials.

ART FOUNDATIONS 2

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Foundations 1

Description: In this course students build upon the 2-D media experience and observational skills gained in Foundations 1, to form a deeper understanding of art appreciation and application of skills. Students will begin to translate their 2D skills into 3D media.

ART 3

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Foundations 2

Description: This course is designed to begin building upon a student's artistic voice. There will be an application of skills and techniques gained in Art I & II, and the student will begin to choose a media emphasis such as painting, drawing, or 3D to encouraging a deeper understanding of that media. This course begins to emphasize the intrinsic motivations behind a student's art making.

ART 4

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Art 3

Description: This course is an extension of Art III for those who have a continued interest in art. Independent explorations of themes and concepts of interest will be demonstrated.

CERAMICS 1

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: Ceramics or pottery is a popular and practical area of interest in art. Students experiment in the various clay hand-building techniques of pinch, coil, and slab as well as throwing on the potter's wheel. Glaze application techniques are also covered.

CERAMICS 2

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Ceramics I

Description: The emphasis in this course is on developing further skill in working with clay, particularly on the potter's wheel. Unique surface decoration and glaze experimentation is encouraged.

CERAMICS 3

Grades 11,12 Elective 1 Semester ½ Credit

Prerequisite: Art 1 & Ceramics 2

Description: The emphasis in this course is on developing advanced skills working with clay. Students will be given the opportunity to cultivate their own body of work and will be encouraged to experiment with surface decoration and glazing.

DIGITAL PHOTOGRAPHY AND ART

Grades 11,12 Elective 1 Semester ½ Credit

Prerequisite: Art 1

Description: In this course students will learn the basic settings of DSLR cameras. Projects will also cover composition, lighting, fun techniques, and CS6 PhotoShop. Students will be able to use school cameras or their personal cameras. (Personal cameras must be DSLR — not a point and shoot or a cell phone.)

AP 2D ART & DESIGN

Grades 11,12 Elective 2 Semesters 1 Credit

Prerequisite: Art 3 or Art 4

Description: Building upon the foundation laid in ART III and IV, AP 2D Art and Design is designed for students in Grade 11 and 12 who possess a sustained passion for artistic expression. This course serves as an extension of ART III and IV, fostering independent explorations of themes and concepts that pique individual interest. Students will delve deeper into the world of two-dimensional art, honing their skills and expanding their creative horizons through their personal experience in 2D mediums. Through a combination of hands-on projects and critical discussions, participants will refine their artistic voice, engage with diverse artistic techniques, and develop a comprehensive portfolio that showcases their unique perspectives. This dynamic course encourages students to push the boundaries of traditional artistic norms and embrace innovation in the pursuit of meaningful self-expression. AP 2D Art and Design challenges students to elevate their artistic prowess and prepares them for advanced studies in the realm of visual arts.

2D/3D PORTFOLIO A

Grade 12 Elective 1 Semester ½ Credit

Prerequisite: 4 semesters of any art classes, Art 3 is encouraged

Description: In this course students will focus on widening their skills through critical thinking and application of media and assignments. Designed to strengthen a portfolio for the use of applying to colleges and/or future art careers.

2D/3D PORTFOLIO B

Grade 12 Elective 1 Semester ½ Credit

Prerequisite: Portfolio A

Description: Designed in conjunction with Portfolio A, students will choose a concentration concept to study in depth throughout the semester.

PRODUCT DESIGN (GRAPHIC/FASHION)**Grades 11,12 Elective 1 Semester (Fall) ½ Credit**

Grade 11, 12 Elective 1 Semester (Fall) 1/2 Credit

Prerequisite: 3 visual art classes**Description:** This course will introduce basic design concepts and apply them to branding products and creating a fashion line. Students will experience the psychology of advertising, various design principles and incorporate their knowledge into their own collaborative product. Graphic and Fashion design focused.**ARCHITECTURE DESIGN
(INTERIOR AND EXTERIOR)****Grades 11,12 Elective 1 Semester (Spring) ½ Credit****Prerequisite:** 3 visual art classes**Description:** This course will explore the history of architecture, exteriors and interiors, and design principles involved in all. Students will experience designing their own buildings, rendering, and creating mock ups of their own designs.**— DANCE —****JAZZ DANCE 1****Grades 9,10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** None**Description:** Jazz Dance offers a broad range of dance styles. During this class you will learn classical jazz, contemporary and lyrical jazz, along with some modern and hip hop movement. No previous dance training is necessary.**JAZZ DANCE 2****Grades 9,10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** Jazz Dance 1 or teacher's signature.**Description:** Students may continue jazz dance training by taking this course. In this class students will continue to explore the different types of jazz dance at a higher and more intricate level.**BALLET DANCE 1****Grades 9,10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** Ballet shoes**Description:** Learn the basics of ballet. Ballet is the center of all dance. During this class students will learn basic ballet movement, style and language along with some dance history. No previous dance training is necessary.**BALLET DANCE 2****Grades 9,10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** Ballet Dance 1 or instructor approval. Need ballet shoes or lyrical shoes.**Description:** Continue learning more intricate ballet steps and dance away from the basic movements. In this class you will learn the intermediate to advance ballet moves and learn some classical ballet variations as well.**TAP DANCE****Grades 10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** Tap shoes**Description:** Learn the basic skills of tap dance. Students will learn many different styles of tap, including: improvisational, vaudeville, theatre, and classical. No previous dance training is necessary.**CONTEMPORARY & LYRICAL DANCE****Grades 9,10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** Ballet Dance 1 or Jazz Dance 1 or approval of instructor**Description:** This is a performance based dance class incorporating a variety of techniques and movements drawn from ballet, modern, and jazz. Students will learn movement and incorporate these steps and techniques into dance.**TAP & JAZZ DANCE****Grades 9,10,11,12 Elective 1 Semester ½ Credit****Prerequisite:** Jazz Dance 1 or Tap Dance Class or approval of instructor**Description:** This performance based dance class will focus on both tap and jazz. Students will rotate learning each style of dance throughout each week. They will focus on learning the technique and movements of each style and then incorporate those movements into dances. The student is required to have tap shoes.**— MUSIC —****BAND BRASS, WOODWIND AND PERCUSSION****Grades 9,10,11,12 Elective 2 Semesters (F/S) 1 Credit****Prerequisite:** All instrumental band members must be enrolled.**Description:** Band class meets during the school day in sections of Brass, Woodwind and Percussion. *This course involves participation in the Alter Wind Ensemble/Concert Band in both the fall and spring semester Mondays after school.* Students are involved in a comprehensive music learning environment in the study of their individual instrument as it relates to the current music curriculum. Students are exposed to the latest technology as it relates to music education. Students will grow technically and expressively by performing band literature by the world's finest composers and gain essential elements of theory and historical context. Students are responsible for all the activities performed by the ensemble, including rehearsals, festivals, and concerts both on and off campus. Co-curricular rehearsals for the Wind Ensemble/Concert Band are Mondays 3:30-4:25 (fall semester) and Mondays 3:30-5:00 (spring semester). There are fees associated with the Wind Ensemble/Concert Band.

MARCHING BAND

Grades 9,10,11,12 Elective 1 Semester (Fall) ½ Credit

Prerequisite: enrollment in Band Class. Marching Band members are members of The Alter Marching Knights and The Alter Wind Ensemble/Concert Band

Description: This course involves after school participation the first semester for all marching band and visual ensemble members. The goal of The Marching Knights is to learn values and standards of performance, both musical and non-musical, including music literature, music theory, music history and modern body movement. Students will grow technically and expressively as an ensemble. Students are responsible for all activities performed by the Marching Knights, which include: all summer rehearsals, band camps, parades, competitions, festivals, football games, and after school rehearsals and sectionals. This course meets the fall semester Mondays 4:30-5:30 (sectionals) and Wednesday/Thursday/Friday 3:30-5:30 plus football games (full ensemble). There are fees associated with the Marching Band.

VISUAL ENSEMBLE 1 – FALL COLOR GUARD

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: The Visual Ensemble is comprised of students grade 9-12 interested in learning and developing advanced performance techniques in dance, movement, and equipment. Students will progress in techniques of spinning flag, rifle, and saber, as well as techniques in all forms of dance choreography from ballet to contemporary. During the first semester, the Visual Ensemble serves as the color guard of the Marching Knights. Students must also be enrolled in Band PM (after school marching band rehearsal).

VISUAL ENSEMBLE 2 – WINTER GUARD

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Tryout

Description: The Visual Ensemble is comprised of students grade 9-12 interested in learning and developing advanced performance techniques in dance, movement, and equipment. Students will progress in techniques of spinning flag, rifle, and saber, as well as techniques in all forms of dance choreography from ballet to contemporary. During the second semester, the Visual Ensemble serves as the competition winter guard. There are also fees associated with the winter guard.

MUSIC APPRECIATION AND HISTORY

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: This course is designed for the musician and non-musician. Students acquire the basic understanding of musical concepts through vocabulary, basic music theory, history, and develop skills in listening, performing, creating, and critiquing music. By studying classical, jazz, rock, pop, country and world music, students will gain a greater understanding of music's role in society and culture. Includes the fundamentals, techniques, language

and resources behind music and music composition in the Western world. Students will gain a working knowledge of how melody, rhythm, form and composition work through lectures, discussions, concentrated listening, assignments, research, and projects.

JAZZ / ROCK IMPROVISATION

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Reading music and basic skills on a musical instrument

Description: Improvisation is the art of playing and creating melodies based on chord and scale structures in music. This class is intended for students beginning or continuing their skills in musical improvisation. The course will provide the student with an essential understanding of the basic rules of jazz/rock improvising and an appreciation for the history of jazz. Computers, music software and audio aides will be utilized to develop improvisational skills. Students will also transcribe from recordings, and be involved in recording projects. The course provides hands-on introduction to the essential tools needed for improvising.

MUSIC TECHNOLOGY

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Reading music and basic skills on a musical instrument suggested

Description: Course is designed to study the use of technology in music education. MIDI technology, music software, podcasting, composing, recording, editing and using a variety of hardware and software, synthesizers and integrating all of it to produce audio projects. Basic skills on a musical instrument and a desire to be creative are essential. No previous keyboarding or composing skills are necessary.

MUSIC TECHNOLOGY 2

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Music Technology (1)

Description: Course is a continuation of skills learned in Music Technology and will focus on music creation and composition through digital mediums, including editing/creating software, with the goal of a digital music portfolio/album.

— THEATRE —

1st Semester: Theatre 101, Acting 1, Acting 2, Triple Threat 1, Triple Threat 3, Independent Study/Advanced Theatre

2nd Semester: Theatre 101, Acting 1, Acting 3, Triple Threat 2, Triple Threat 4, Musical Theatre

The theatre department offers a wide range of courses for students at all levels of interest in theatre, from design to performance. It is suggested that students who plan to major in the theatre field arrange their schedule to include Theatre 101

freshman year in order to provide opportunities for advanced study. To continue growing as an artist outside of the school day, join The Castle Players. The Castle Players rehearse after school and produce theatre productions throughout the year. There are several opportunities for performers, as well as tech, build and stage crew.

THEATRE 101:

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: This course will take you on a theatrical journey of the work of theatre. You will learn everything from theatre design, improvisation, pantomime, theatre history, and playwriting. This is not a performance based course, but you will learn the basic skills needed to be a professional artist, designer, director and playwright and should be able and willing to put the work that you learned on its feet.

ACTING 1:

Grades 9,10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101

Description: Students will continue to learn about theatre with an emphasis on performing. Those enrolled will work on improv, viewpoints, monologues, scene work, and script analysis. This is a performance based class.

ACTING 2:

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101 and Acting 1

Description: Students will continue their experiences in acting with an emphasis on performing. Those enrolled will continue with advanced level acting, building on techniques learned in previous classes. Students will work on Shakespeare, Stanislavski techniques, monologues, scene work, and the business side of being a professional actor. The advanced actor will be responsible for finding materials used during the semester, including monologues and scenes. The student will also be required to audition for one show during the semester to practice his or her skills.

ACTING 3:

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101, Acting 1, Acting 2

Description: Students will continue growing as actors and artists by building techniques learned in previous classes. Students will focus on the great playwrights of Ibsen, Shaw and Chekhov.

MUSICAL THEATRE:

Grades 11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101, Triple Threat 1, Triple Threat 2

Description: This course will focus on the American Musical — exploring the Golden Age of musical theatre through present day musicals as well as exploring the inner artist and how to protect that artist. Students will also focus on their dream role in a musical and learn what it takes to create a vision and bring that vision to life on the stage. This is a developmental performance and skill based class.

TRIPLE THREAT 1:

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101

Description: This course will focus on the true triple threat in theatre and students will explore singing, acting and dancing in the context of musical theatre. This is a developmental performance and skill based class. Students will acquire and advance skills learned.

TRIPLE THREAT 2:

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101 and Triple Threat 1

Description: This course will be a continuation of Triple Threat 1. Triple Threat performers are multi-talented, and this course will continue helping you become a more versatile performer. Students will continue focusing on singing, acting and dancing in the context of musical theatre. This is a developmental performances and skill based class. Students will acquire and advance skills learned.

TRIPLE THREAT 3:

Grades 10,11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101 and Triple Threat 1

Description: This course is designed to help you continue your growth as a well-rounded performer in the art of Acting, Singing and Dancing. In this course we will focus on what it takes to nail your auditions: How to choose songs, How to prepare your sheet music for the pianist, How to prepare and build your resume, How to prepare for cold readings and How to prepare for dance auditions.

TRIPLE THREAT 4:

Grades 11,12 Elective 1 Semester ½ Credit

Prerequisite: Theatre 101, Triple Threat 1, Triple Threat 2

Description: Utilizing various learned skills from performance (as well as prerequisites), this course will allow YOU to be the producer/director/music director/choreographer/scenic designer/costumer/props master and more. During this course, students will select a musical and from start to finish will discover just what it takes to be on the “other side of the table”, from auditions to performance — all within the confines of the class itself. This is a hands-on, performance-heavy course focused on the collaborative nature of the artform.



MATH

In general, the mathematics courses at Alter High School are separated into different levels: Honors, Level 2 and Level 1. There are other courses for students to take if they are not ready for the level 1 classes. There are also electives for seniors to take to prepare them for college.

In level 1, material is presented with emphasis on review, practice and application. Concepts are developed primarily through example. The student at this level will do exercises designed to check the grasp of the concepts and his/her ability to apply these ideas in basic situations. Some challenging problems will be assigned as the student demonstrates understanding.

In level 2, the concepts are developed with some theory and proof. In addition to basic problems, the student at this level will do exercises that are more challenging and that call for more sustained application.

In the Honors level, a rigorous approach is taken to develop mathematical theory. Proof is used as a tool extensively. In addition to basic and intermediate level exercises, the student will do challenging problems requiring higher level thinking skills. Success in handling these problems will depend on the student's ability to evaluate given information, to discover relationships that are not obvious, and to reason out a method of solution.

Placement into freshman classes is determined by the High School Placement Test, grade school curriculum and eighth grade teacher observation of performance. Placement of all non-freshmen is based on the average of the first three quarters in the current math course. However, all Algebra 2 courses carry an additional prerequisite from Algebra I as noted in the individual course descriptions. The present teacher's signature is required to guarantee the prerequisites (minimum stated for each course) are met.

All students are to have a TI84+ graphing calculator.

MATH

CURRENT COURSE OFFERINGS

Pre-Algebra

Algebra 101

Algebra 102

Honors Algebra 1

Geometry 101

Geometry 102

Honors Geometry

Algebra 201

Algebra 202

Honors Algebra 2 – Trig

PreCalculus B

Honors PreCalculus

Honors Calculus

AP Calculus AB

AP Calculus BC

Selected Topics

Statistics

Alter students have several opportunities to receive college credit while at Alter. Credit can be earned by taking AP Calculus.

Students use technology every day in their math class. This includes using online textbooks, instructional videos, WebAssign, Calculus in Motion, as well as TI-84 calculators.

Teachers offer extra instruction to students before and after school.

We offer several different levels in many courses in order to meet the different ability levels of our students.

We apply as many math concepts as we can to real life situations as application is important to understanding.

PRE-ALGEBRA

Grade 9	Elective	2 Semesters	1 Credit
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Prerequisite: None

Description: Pre-Algebra is a year-long course for students who need additional academic support prior to beginning Algebra 1. The course will include operations of all types of real numbers, rates and ratios, percents, solving equations and inequalities, data analysis with different type of graphs, and geometric concepts such as area.

ALGEBRA 101 NCAA

Grades 9,10	Elective	2 Semesters	1 Credit
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Prerequisite: Placement determined by Math department

Description: Students will study real number properties that are used to solve linear equations and inequalities. Students will also study functions and graphing, systems of equations, factoring and polynomial operations, solving quadratic equations, and data distribution.

ALGEBRA 102 NCAA

Grade 9	Elective	2 Semesters	1 Credit
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Prerequisite: Placement determined by Math department

Description: Students will study the use of algebraic concepts to solve linear equations and inequalities. Students will study functions and graphing, systems of equations, factoring and polynomial operations, solving quadratic equations, radicals, and statistics. Students will apply the concepts they have learned in a variety of real-world applications.

HONORS ALGEBRA 1 NCAA

Grade 9	Elective	2 Semesters	1 Credit
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Prerequisite: Placement determined by Math department

Description: In addition to the concepts presented in Algebra 102, this course enriches the Algebra I concepts with an in-depth study of theory and problem solving. Additional topics include direct proofs, factoring cubics, simplifying zero and negative integral exponents, solving systems of three equations in three variables, and an introduction to irrational numbers.

GEOMETRY 101 NCAA

Grades 10,11	Elective	2 Semesters	1 Credit
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Prerequisite: D in Algebra 101 or Algebra 102

Description: Students will study essential geometric terms, reasoning, parallel and perpendicular lines, angle pair relationships, congruency and similarity of triangles, transformations, right triangle trigonometry, quadrilaterals, polygons, circles, perimeter, area, and volume.

GEOMETRY 102 NCAA

Grades 9,10,11	Elective	2 Semesters	1 Credit
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Prerequisite: A- in Algebra 101; C- in Algebra 102; D in Honors Algebra 1

Description: Students will study essential geometric terms, definitions, postulates, and theorems. Students will also study reasoning and proofs, parallel and perpendicular lines, angle pair relationships, congruency and similarity of triangles, transformations, right triangle trigonometry, quadrilaterals, polygons, perimeter, area, volume, and circles.

HONORS GEOMETRY NCAA

Grades 9,10	Elective	2 Semesters	1 Credit
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Prerequisite: A- in Algebra 102; C in Honors Algebra I

Description: In addition to the concepts presented in Geometry 102, this course presents geometry as a mathematical system and uses proof as an integral part of most topics covered, including flow proofs.

ALGEBRA 201 NCAA

Grades 11,12	Elective	2 Semesters	1 Credit
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Prerequisite: D in Algebra 101 or Algebra 102; D in Geometry 101 or Geometry 102

Description: Students will expand their knowledge of concepts taught in Algebra 101 and 102 including solving linear equations and inequalities, and systems of equations. Students will also study complex numbers, polynomial behavior and properties, exponential and logarithmic functions, trigonometry, and probability. Students will also learn to use technology to solve problems.

ALGEBRA 202 NCAA

Grades 10,11,12	Elective	2 Semesters	1 Credit
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Prerequisite: A- in Geometry 101 and B in Algebra 101; C- in Geometry 102 and Algebra 102; D in Honors Geometry and C in Honors Algebra 1

Description: Students will expand their knowledge of concepts taught in Algebra 101 and 102 including solving linear equations and inequalities, systems of equations, and quadratic functions and graphs. Students will go more in depth in their study of complex numbers, polynomial functions, exponential and logarithmic functions, rational functions, and trigonometry. Students will apply the concepts they have learned in a variety of real-world applications.

HONORS ALGEBRA 2 - TRIG NCAA

Grades 10,11 **Elective** **2 Semesters** **1 Credit**

Prerequisite: A- in Geometry 102 and Algebra 102; C in Honors Geometry and Honors Algebra I

Description: In addition to the concepts in the other Algebra 2 courses, this course includes algebraic proofs of real number properties and absolute value, solving linear equations using determinants, working with trigonometric identities and graphs of sine and cosine functions.

PRECALCULUS B NCAA

Grades 11,12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: C in Algebra 202; D in Honors Algebra 2

Description: This course will include analytic geometry of all conic sections, trigonometric formulas, equations and identities, advanced graphing, polar coordinates with complex numbers, binomial theorem with probability, first derivative theory and practice, and an extensive use of graphing calculators.

HONORS PRECALCULUS NCAA

Grades 11,12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: A- in Algebra 202 and Geometry 102; C in Honors Algebra 2

Description: In addition to concepts presented in the other Precalculus courses, this course will also include coordinate geometry proofs, defining “e” and natural logarithms, polar graphing, power series, mathematical induction, an introduction to derivatives.

HONORS CALCULUS NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: B- in Precalculus B; D in Honors Precalculus

Description: This course covers topics in elementary functions, differential and integral calculus comparable to first year courses in colleges and universities. Topics include properties of functions, limits, derivatives of elementary, composite, implicitly defined, inverse, and logarithmic functions, applications of the derivative, techniques of integration and applications of the integral.

ADVANCED PLACEMENT CALCULUS AB NCAA

Grades 11,12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: A in Precalculus B; C in Honors Precalculus

Description: Advanced Placement Calculus AB emphasizes a multi-representational approach to Calculus with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Broad concepts and widely applicable methods are emphasized. Technology is used regularly to reinforce the relationships among the multiple representation of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. It is expected that students enrolled in AP Calculus AB will take the AP Calculus AB exam in May at the prevailing fee.

ADVANCED PLACEMENT CALCULUS BC NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: C in AP Calculus AB

Description: Advanced Placement Calculus BC extends the topics learned in AP Calculus AB. The course introduces different types of equations and sequences and series as well as continues to cover topics graphically, numerically, analytically, and verbally. Broad concepts and widely applicable methods are emphasized. Technology is used regularly to reinforce the relationships among the multiple representation of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. It is expected that students enrolled in AP Calculus BC will take the AP Calculus BC exam in May at the prevailing fee.

SELECTED MATH TOPICS NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: D in Algebra 201 or Algebra 202

Description: This course is for students who need a math course, but not at the PreCalculus level. Topics include, but are not limited to, voting and appointment; graph theory; probability and statistics; loans, installment buying and investments.

STATISTICS NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: C in Algebra 202; A- in Algebra 201

Description: This course is designed to prepare students for college math courses required for a liberal arts major. In this course students will study ways to graph data, lines of regression, probability, normal curves and distributions and inferences.

SCIENCE

CURRENT COURSE OFFERINGS

Physical Science

**Biology: AP, Honors,
College Prep, Biology 101**

**Chemistry: AP, Honors,
College Prep**

**Physics: AP, Honors,
College Prep**

**Anatomy and Physiology:
General and Honors**

Earth Science II

Invertebrate Zoology

Vertebrate Zoology

Astronomy

**STEM: Principles
of Engineering**

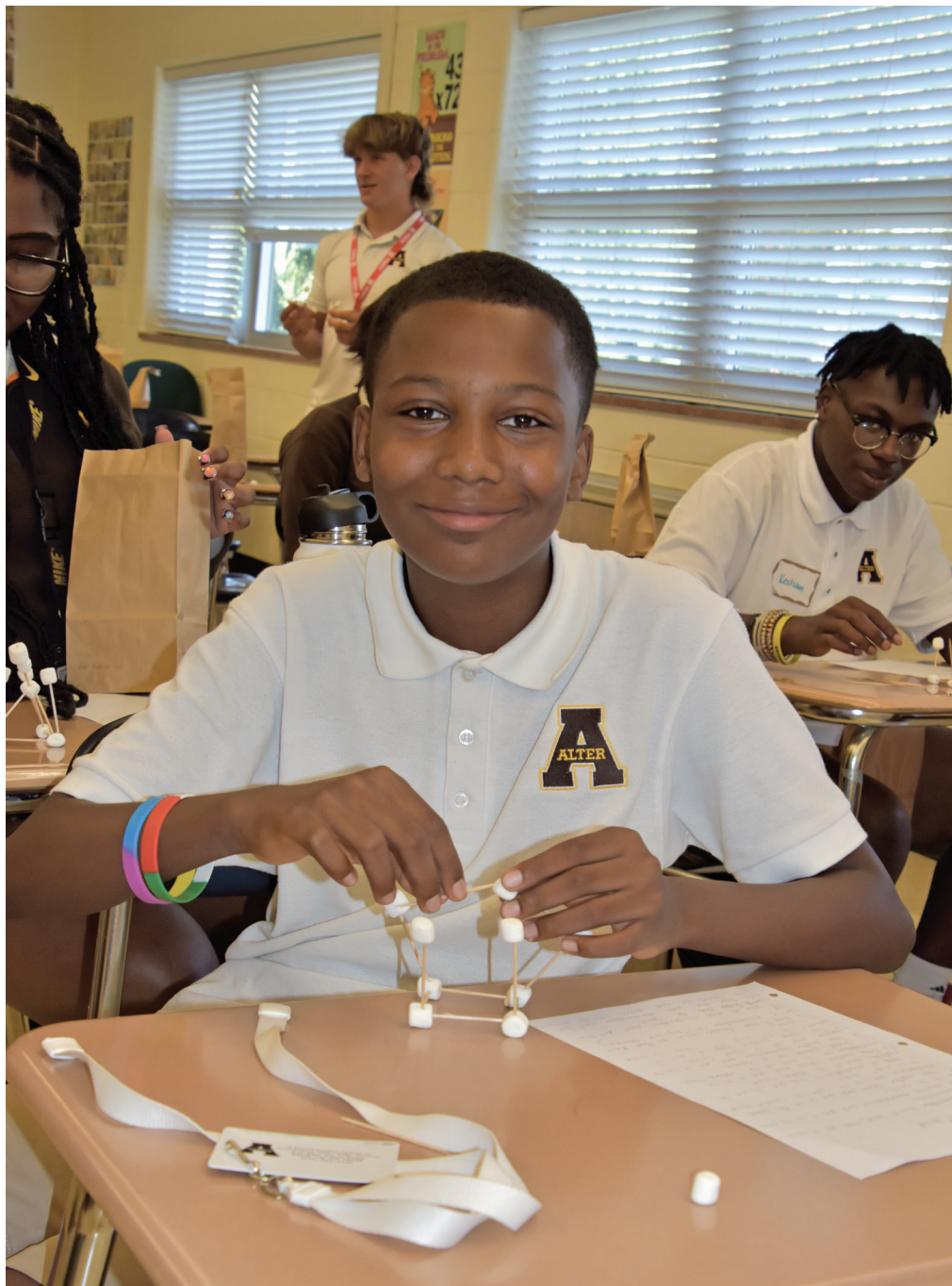
Computer Science

STEM: Digital Electronics

Environmental Science

Honors Organic Chemistry

**NA – Nurse's Aide
Certification**



STEM (Science, Technology, Engineering, & Math)

This unique curriculum, in partnership with Project Lead the Way, is the leading provider of rigorous and innovative education programs used in high schools across the U.S.

Alter consistently has a strong presence at all levels of Science Fair in the state of Ohio. During the past five years, over 500 students have participated in the Science Fair at Alter, and many go on to participate at the county and state levels. At both West District and State levels, students have been awarded superior rankings while earning numerous awards.

Alter is the only area Catholic school that has competed at the Science Olympiad at the state level for the past eight out of nine years.

Enrichment opportunities are offered including the Horizons in Medicine lecture series and STEM Talks.

All freshmen are required to select one of the following three levels of Biology. Their placement is based on the recommendation of the grade school science teacher.

BIOLOGY 101 NCAA

Grade 9	2 Semesters	1 Credit
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Description: Biology 101 is an introduction to Biology with an emphasis on understanding the four main tenets of biology: cells, heredity, evolution, and biodiversity. Time is given for completing labs in class, reading and making tables/graphs, and learning proper organizational/studying techniques. Students will be expected to work cooperatively in a laboratory setting and become proficient in the use of the microscope and other scientific equipment.

BIOLOGY 102 NCAA

Grade 9	2 Semesters	1 Credit
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Description: Biology 102 is a college preparatory course which places much emphasis on the chemical basis of life processes, relationships between science and other academic disciplines, and how they relate to everyday life. Units include studies of the scientific method, the metric system, cell structure and function, genetics, evolution, and taxonomy. A research project will include an in-depth study of a current environmental and/or energy topic of the students choosing. Students will be expected to work cooperatively in a laboratory setting and become proficient in the use of the microscope and other scientific equipment.

HONORS BIOLOGY NCAA

Grade 9	2 Semesters	1 Credit
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Description: Honors Biology is an inquiry-based course which requires more than memorization skills, but also critical thinking skills. High motivation, good study techniques, and attention to detail are critical for success in this class. Topics include biochemistry, cells, energy, genetics, evolution, microbiology, and ecology. Students will be expected to work cooperatively in a laboratory setting and become proficient in the use of the microscope and other scientific equipment. Students will also be required to complete one year of a two-year science fair project.

All sophomores are required to select one of the following three levels of a Physical Science. Their placement is based heavily on the recommendation of their Biology teacher as well as their math grade.

CHEMISTRY B NCAA

Grade 10	2 Semesters	1 Credit
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Prerequisite: Completion of Honors Algebra 1 with a C Average or Algebra 102 with a C+ average.

Description: Chemistry is a physical science that studies the composition, properties and reactions of

matter. Topics studied include the metric system, atomic structure, periodicity, chemical reactions and bonding, gas laws, the mole concept, solutions, acid base chemistry, energy concepts and nuclear chemistry. A variety of laboratory investigations are used to reinforce concepts studied in class.

HONORS CHEMISTRY NCAA

Grade 10	2 Semesters	1 Credit
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Prerequisite: Completion of Honors Algebra 1 with a B+ average. Students not enrolled in Honors Biology as a freshman will be required to complete a research paper in the summer before class starts.

Description: Honors Chemistry is designed for a highly motivated science student. Topics studied include the metric system, atomic structure, periodicity, chemical reactions, bonding and structure, gas laws, the mole concept, solutions, equilibrium, acid-base chemistry, and energy concepts. Concepts are covered in greater detail with added emphasis on quantitative aspects. Laboratory investigations on both the macro and micro level reinforce topics discussed in lecture. Continuation of the Science Fair project from Honors Biology is required of all students enrolled.

PHYSICAL SCIENCE NCAA

Grade 10	2 Semesters	1 Credit
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Description: This course combines chemistry and physics. Students will be exposed to motion and the forces that cause motion. Topics include work and energy, heat, waves, sound, and electricity. Students will also be exposed to atoms, how they are structured, and how they react with each other. Topics include states of matter, the Periodic table, chemical reactions, solutions and nuclear changes. Unit appropriate labs and activities are included. Students will be required to utilize appropriate technology software.

Junior and Senior year students have a variety of electives to choose from in both Life and Physical Sciences.

— LIFE SCIENCE ELECTIVES —

ADVANCED PLACEMENT BIOLOGY NCAA

Grades 11,12	Elective	2 Semesters	1 Credit
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Prerequisite: Completion of Honors Biology with a B- or higher, Biology B with an A- or higher. Honors Chemistry is strongly recommended.

Description: AP Biology is designed to be the equivalent of a college introductory course for science majors. Biochemistry, cells, genetics, evolution, plant structure and function, and animal structure and function will be covered in depth. Students must complete a summer assignment and/or project in preparation for the school year. The course prepares the student for the AP exam in May. Students are required to take this exam at the prevailing fee. Previous or concurrent enrollment in Anatomy and Physiology is encouraged.

HONORS ANATOMY AND PHYSIOLOGY **NCAA****Grades 11,12** **Elective** **2 Semesters** **1 Credit**

Prerequisites: Completion of an honors science class is strongly recommended and completion of any chemistry class with a B or higher.

Description: This course is designed for students who are interested in the medical field and are preparing or concurrently enrolled in AP Biology or AP Chemistry. Structures (anatomy) and functions (physiology) at both the micro- and macro- level will be studied. This class will emphasize more micro-anatomy and physiology than Applied Anatomy and Physiology. The major systems of the body will be covered culminating in an extensive dissection of the cat. All dissections are required to receive full credit for the course!

ENVIRONMENTAL SCIENCE **NCAA****Grades 11,12** **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: Environmental Science includes a wide range of topics which concentrate on the interconnectedness between humans and the environment. Topics include ecosystems, energy resources, pollution, recycling, conservation, invasive species, and other current topics. The goal of the class is to become more environmentally aware. This is accomplished by producing various projects, written reports, and designed graphs.

APPLIED ANATOMY AND PHYSIOLOGY **NCAA****Grades 11,12** **Elective** **2 Semesters** **1 Credit**

Prerequisites: None

Description: This course begins with a brief overview of all the major body systems and how they contribute to homeostasis (balance) in the body as a whole, to maintain good health. Next the body systems will be covered more in-depth by looking at what happens if homeostasis is disrupted. This class uses more laboratory and hands-on activities than Honors Anatomy and Physiology. Critical thinking skills and the ability to work in groups are required.

INVERTEBRATE ZOOLOGY **NCAA****Grades 11,12** **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: Invertebrate Zoology is designed for students who have an interest in the diversity of the animal kingdom. The class is a survey of the invertebrate animals. Laboratory work, including dissections, and activities accompany many of the units.

VERTEBRATE ZOOLOGY **NCAA****Grades 11,12** **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: Vertebrate Zoology is designed for students who have an interest in the diversity of the animal kingdom. The class is a survey of the vertebrate animals. Laboratory work, including dissections, and activities accompany many of the units.

NA – NURSE’S AIDE CERTIFICATION COURSE **NCAA****Grades 11,12** **Elective** **1 Semester** **½ Credit**

Prerequisite: Students must be 16 years of age to take this class.

Description: This course is offered in partnership with Kettering Health Network, and the course will be taught by an instructor provided by Kettering Health. This course will be taught on our campus and is designed to certify students interested in the medical field to become Nurse’s Aides and work in the field before graduation from high school. The Nurse’s Aide serves as a member of the interdisciplinary team, and collaborates with unit leadership in coordinating the day to day activities of the patient care unit. This includes the processing of patient records and ongoing communication with nursing staff, physicians and interdepartmental personnel. The nurse’s aide performs nursing care skills that have been delegated by the licensed nurse. She/he plays an integral role in the patient care experience and both directly and indirectly impacts the perception of care.

Please note that the course is an additional \$650 above Alter High School tuition, and there is an additional requirement of 16 clinical hours to be performed in Kettering Health Hospitals after the completion of the course. The test to be certified in the state is also an additional \$100. Once the student completes the requirements and passes the certification test, he/she may be hired as a nurse’s aide in a variety of health care settings of which the average wage is \$13-\$18 per hour.

— PHYSICAL SCIENCE ELECTIVES —**ADVANCED PLACEMENT CHEMISTRY** **NCAA****Grades 11,12** **Elective** **2 Semesters** **1 Credit**

Prerequisite: Completion of Honors Chemistry with a minimum of a B- or Chemistry B with a B+ minimum

Description: The AP chemistry course is designed to be the equivalent of a college level general chemistry course usually taken during the first college year. The course follows the College Board recommendations and topics such as the structure of matter, kinetic theory, chemical equilibrium, chemical kinetics, and thermodynamics are covered in depth. Mathematical and laboratory skills are emphasized in accordance with AP requirements. A summer assignment is required. Students must take the AP Exam in May at the prevailing fee.

HONORS ORGANIC CHEMISTRY WITH BIOLOGICAL TOPICS **NCAA****Grades 11,12** **Elective** **1 Semester** **½ Credit**

Prerequisite: Completion of Honors Chemistry with a B- or above or Chemistry B with a B+ or above.

Description: Honors Organic Chemistry with Biological Topics is an advanced college level course that will provide opportunities for students to develop an understanding of the structure, nomenclature, 3D orientation of organic molecules, as well as gaining a familiarity with

the reactions of alkanes. Organic compounds varying by the additional of functional groups such as hydroxyl or carboxylic acid will be studied in conjunction with the role of stereochemistry in these reaction mechanisms. In addition to learning about these topics in an isolated system, their role and importance in biological settings will be explored as well.

ADVANCED HONORS PHYSICS NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Completion or current enrollment in Honors Algebra II Trig.

Description: A year long course in physics and problem solving that should prepare students for a college physics course for science or engineering majors. The class will cover all topics that would be covered in a college class. It will not be calculus based but calculus concepts will be discussed in order to help understand physics. Students must complete a summer assignment in preparation for the school year. Projects are required.

HONORS DIGITAL ELECTRONICS NCAA

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Completion of Algebra 202 strongly recommended.

Description: A course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. Projects are required.

HONORS PHYSICS NCAA

Grades 11,12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Currently or previously enrolled in Honors Algebra II Trig or Honors Pre-Calc.

Description: This is a first year physics course designed for the above average math and science student. This course is taught at a faster pace and much more in depth than regular physics. The same topics as regular physics are covered, as well as several others. Students must complete a summer assignment in preparation for the school year. Projects are required.

HONORS PRINCIPLES OF ENGINEERING NCAA

Grades 11,12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Completion or currently enrolled in Algebra 202 and Chemistry with a B average.

Description: Principles of Engineering survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. The topics covered will be similar to a one semester physics course but covered more in depth.

PHYSICS NCAA

Grades 11,12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Completion or currently enrolled in Algebra 202.

Description: This is a general course in Physics, designed for the student who intends to pursue a career in science, mathematics, engineering or medicine. It is divided into three major units: mechanics and classical problems in physics, wave motion (including light and sound), and electricity and magnetism. Problem solving using algebra, geometry and trigonometry, as well as proficiency in laboratory work, are stressed throughout the course. Projects are required.

EARTH SCIENCE II: OCEANOGRAPHY/ METEOROLOGY NCAA

Grades 11,12 **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: This class focuses on how oceans and atmosphere combine to form weather and climate on the Earth. We begin with a study on the ocean floor, water composition, and circulation. Next we study how these things influence the atmosphere and weather, along with the positions of the Sun, Earth, and Moon system. We end with research on Global Climate Change. Online resources, research articles, laboratory activities and models will be incorporated into the lessons.

COMPUTER SCIENCE NCAA

Grades 9,10,11,12 **Elective** **1 Semester** **½ Credit**

Prerequisite: Completion or currently enrolled in Algebra 102 or Honors Algebra 1; or completion or currently enrolled in any level of Algebra 2.

Description: This is a single semester course designed as an introduction to the Java programming language and general programming concepts. Topics will include For Loops, While Loops, if/else statements, and user input.

ASTRONOMY: OUR SOLAR SYSTEM AND BEYOND NCAA

Grades 11,12 **Elective** **1 Semester** **½ Credit**

Prerequisite: Completion of Honors Algebra with a minimum of a C-, Algebra 102 with a minimum of a B-, or Algebra 101 with a minimum A-.

Description: This course provides the opportunity to develop basic knowledge and understanding about the solar system, galaxy, and universe in which we live. Students use observation to learn about space and how ancient astronomers have obtained the information we know. Additional topics include the properties of planets, the life cycle of stars, space exploration, and the tools used to observe the sky. There is a STRONG MATH EMPHASIS in this class.

SOCIAL STUDIES

CURRENT COURSE OFFERINGS

World Studies

Honors World Studies

United States Government

Honors United States Government

Advanced Placement United States Government & Politics

United States History

Honors United States History

Advanced Placement United States History

Economics

Psychology & Personal Growth

Advanced Placement Psychology

United States Society & Culture



Students can take college level courses and earn college credits through AP courses. By the time a student graduates, they could potentially earn up to 9 college credits in social studies alone.

Alter students have a 100% passage rate on the Social Studies section of the Ohio Graduation test. Our students are not only prepared for standardized tests, but are also prepared to succeed in a complex, multi-cultural world.

Students are required to take Social Studies courses in Grades 9, 10, and 11.

- **GRADE 9:** World Studies or Honors World Studies
- **GRADE 10:** United States Government or Honors United States Government or AP United States Government and Politics
- **GRADE 11:** American History or Honors American History
- **ELECTIVES:** Economics, U.S. Society & Culture, Psychology & Personal Growth, or AP Psychology

WORLD STUDIES NCAA

Grade 9	Required	2 Semesters	1 Credit
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Prerequisite: None

Description: This course will trace the emergence of Modern Europe from 1750 to the present day and present such topics as the Russian Revolution, World War I and II, and modern day western civilization. As students study each historical event, they consider the geographic setting, the cultural perspectives, and the economic implications and the role of government.

HONORS WORLD STUDIES **NCAA**

Grade 9	Required	2 Semesters	1 Credit
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Prerequisite: Recommendation for Honors English I.

Description: Honors World Studies is a year-long survey course for freshmen that will focus on the development of various cultures throughout the world and their historical impact. It will also emphasize and discuss significant people, places, and events that have shaped the various cultures of the world. Throughout the year, the course will focus on many social studies related issues including social development, cultural differences, political implications, economics, geography, historical events and their significance, and the various other factors that have affected the development of various cultures throughout the world. Particular emphasis will be given to critical thinking and analysis of important time periods and events and will include the analysis of primary source documents from various periods studied throughout the year. The course is intended to prepare students to enroll in AP courses in later years.

HONORS U.S. GOVERNMENT **NCAA**

Grade 10	Required	2 Semesters	1 Credit
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Prerequisite: Successful completion of either Honors English 9, Honors World Studies, or both. "A" average in World Studies.

Description: This is a year-long course for Sophomores that will focus on the development of the United States political structure and the various roles and responsibilities that define the political process. During the course we will examine the U.S. Constitution and the separation of powers; the legislative, executive, and judicial branches of government and their respective powers, duties, and responsibilities; political parties, interest groups, voter behavior, and landmark Supreme Court decisions. This course will involve a significant amount of reading, reflection, and analysis. Guided discussion and participation will play a significant role here as this is a course that lends itself to opportunities for good, thoughtful discussion. Significant time will be spent analyzing significant court cases and familiarization with primary source analysis and documentation. This course will have some common ground with the AP Government course but will differ in pace and methodology. This course encourages students to take a more hands on approach to understanding the political process.

UNITED STATES GOVERNMENT **NCAA**

Grade 10	Required	2 Semesters	1 Credit
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Prerequisite: None

Description: American Government is the study of political systems, democratic theory and practice, civil liberties and citizenship. American politics, political parties, and the operation of national, state, and local governments are also included. The course is designed to prepare the student for the intelligent exercise of the rights and duties of citizenship. Because of state requirements, students must receive credit for American Government in order to graduate.

HONORS UNITED STATES HISTORY **NCAA**

Grade 11	Required	2 Semesters	1 Credit
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Prerequisite: Successful completion of either Honors English 10, Honors US Government, or both. "A" average in US Government

Description: Honors American Studies is a year – long survey course for Juniors that will focus on the development of the United States from the time of the American Civil War through to the emergence of the U.S. as the predominant world power and beyond. We will also empathize and discuss significant people, places, and events that have shaped the history and development of the United States since the middle of the 19th Century. Throughout this year, we will focus on many social studies related issues including social development of American regions, political movements and their implications, economic development, historical events and their significance, and the various other factors that have impacted the growth and development of the United States. Students will examine history not only through traditional means, but also expand on their critical thinking skills with thought provoking discussions and projects as well as primary source documentation. While this course will retain some of the learning objectives present in the AP course, a more methodical approach will allow students to delve deeper into material and offer more project based, longer term assignments.

UNITED STATES HISTORY **NCAA**

Grade 11	Required	2 Semesters	1 Credit
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Prerequisite: None

Description: This course is a study of American History from the Post-Reconstruction period through the 20th century. Students will study those events, both domestic and foreign, that help shape modern America. Students will consider the influence of geographic settings, cultural perspectives, economic systems and forms government.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS **NCAA**

Grades 10,11,12	Elective	2 Semesters	1 Credit
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Prerequisite: Students must have earned a 3.0 cumulative GPA in Social Studies and English Courses. Students cannot waiver into AP courses. Students must earn a "A" in Honors World studies to take AP Government.

Description: Advanced Placement US Government and Politics is a college-level introductory course for students who wish to experience a more in-depth examination of the American system of government. Special attention is paid to the decision-making process within each of the three branches of the federal government, and the linkages between society, media, interest groups, and the government. Students are expected to hone their writing and critical thinking skills, in preparation for the AP test in May. Students are required to take the AP test in May at the prevailing fee. Self-directed readings are a key component to this course, which moves rapidly to facilitate study of a broader range of topics than are covered in a regular government class. In preparation for this class, students are assigned a summer reading, due on the first day of class.

ADVANCED PLACEMENT UNITED STATES HISTORY NCAA

Grades 11,12 Elective 2 Semesters 1 Credit

Prerequisite: Students must have earned a 3.0 cumulative GPA in Social Studies and English. Students cannot waiver into AP courses. Students must earn an "A" grade in honors government to take AP US History.

Description: Advanced Placement US History is an introductory college-level course for students who are able to experience a more challenging American History offering. The course covers the complete American experience from colonization to present day. Students will study the roots of our democracy, the development and struggles of a young nation, and the challenges faced in assuming our position of world leadership. Participants are encouraged to think critically, to evaluate what they read, and to present well-organized written and verbal arguments. Students are required to take the AP Exam in May at the prevailing fee. Students are required to participate in a summer reading program. Summer reading material will be distributed before the end of the school year.

— ELECTIVES —

ECONOMICS NCAA

Grades 11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: Economic philosophies and programs greatly influence our daily lives. Students investigate basic economic theory, principles, institutions, and problems through practical applications. A study of economics will help students understand this always changing global economy. The value of money, the way goods are distributed, interest rates and the Federal Reserve, plant closings and lay-offs, the Stock Market, and wage rates are just a few of the topics covered.

PSYCHOLOGY & PERSONAL GROWTH NCAA

Grade 12 Elective 2 Semesters 1 Credit

Prerequisite: None

Description: Psychology is designed as an alternative for those interested in the subject matter who do not meet the criteria for the AP Psychology Course. While we will cover the range of topics covered in the AP Psychology Class, we will cover them more broadly, in order to have more time to focus on more life skills application. In this class we will examine topics ranging from personality, cognition, motivation, emotions, stress, memory, mental illness and improving our own mental health. Psychology will be a comprehensive examination of the field of psychology from a historical, scientific, theoretical and biological perspective. Historically, students will learn about the various perspectives of psychologists throughout history. Scientifically, students will explore

significant factors in research and popular studies on human learning, motivation, personality and psychosocial development. From a theoretical perspective, students will examine human behavior from the psychodynamic, behavioral, cognitive and humanistic approach. Including, how these approaches view abnormality. By gaining a better understanding of the dynamics of the human mind, students will come to a deeper understanding of themselves, others and how our behavior is shaped by perception and interaction with the world around us.

ADVANCED PLACEMENT PSYCHOLOGY NCAA

Grade 12 Elective 2 Semesters 1 Credit

Prerequisite: Students must have a 3.5 GPA or higher, taken either AP English/Literature or AP US History/AP Government to enroll in the class.

Description: AP Psychology is a comprehensive examination of the field of psychology from a historical, scientific, theoretical and biological perspective. Historically, students will learn about the various perspectives of psychologists throughout history. Scientifically, students will explore significant factors in research and popular studies on human learning, motivation, personality and psychosocial development. From a theoretical perspective, students will examine human behavior from the psychodynamic, behavioral, cognitive and humanistic approach. Including, how these approaches view abnormality. Finally, students will study the human brain and other biological influences on mental processes. By gaining a better understanding of the dynamics of the human mind, students will come to a deeper understanding of themselves, others and how our behavior is shaped by perception and interaction with the world around us. Students are required to take the AP Exam in May at the prevailing fee. In preparation for this class, students are assigned a summer reading, due on the first day of class.

U.S. SOCIETY & CULTURE NCAA

Grades 11,12 Elective 1 Semester ½ Credit

Prerequisite: None

Description: Junior and Seniors will focus on the social development of the United States during the 20th Century. Students will examine our history during this time period through various social and cultural means, such as film, music, television, and literature. We will focus on many social studies related issues including social development through cultural vehicles like film or television, political implications or activism and protest as exclaimed in music literature, and television, etc. The overall objective of this class is to allow students to view the United States in the 20th century and beyond through a lens outside of what they would get in a traditional history course, and gain a thorough understanding of what it meant to be a person during the various decades and eras that have defined different generations.



Seniors create a service project rooted in researching social justice issues and creating/executing a project to address one of those issues.

Juniors give back to their parishes through service hours as a requirement in their Theology class.

Each student takes a year of religious studies for each year in attendance at Alter.

Theology classes promote critical thinking and are energizing.

Theology classes challenge the students to “own their faith”.

Theology teachers bring the students’ faith to life through activities such as:

- Key Club
- Steubenville Youth Conference
- Upper Room
- Mission Trips
- Kairos; Freshmen, Sophomore, Junior Retreats
- Dare to Care
- Hope Squad
- Magnified Giving
- Men’s Fellowship
- Women’s Fellowship

In addition to four year of required Theology there are two electives:

Theology of Ministry

Death and Life

Every student receives a Bible and a Catechism of the Catholic Church.

The Theology Department scope and sequence follows the the *United States Catholic Conference of Bishop’s Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age*.

THEOLOGY

CURRENT COURSE OFFERINGS

Introduction to Catholicism

The Revelation of Jesus Christ in Scripture

Who is Jesus Christ?

Eclesiology/Church History

The Sacraments of Christ

Our Life in Christ

Living as a Disciple of Jesus in Society (Social Justice)

Responding to the Call of Jesus (Vocation)

Theology of Ministry

Death and Life

Each student takes a year of religious studies for each year in attendance at Alter. In light of the United States Catholic Conference of Bishop's Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age and the Archdiocesan Course of Studies for Secondary Schools, the Theology Department adopted the following course sequence and descriptions.

THEOLOGY 1 SEMESTER ONE INTRODUCTION TO CATHOLICISM

Grade 9	Required	1 Semester	½ Credit
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Prerequisite: None

Description: This course examines the most important aspect of our lives – our Faith. In this Introduction to Catholicism class, we cover the basic tenets of the Catholic faith as found in the Creed as well as understand that Catholic doctrine is founded in Scripture and Tradition. Along with the Creed the students will also be introduced to the Cult (means of worship i.e. Liturgy, Sacraments, etc.) and Code (standards for Moral Behavior).

Students will also be introduced to the history of Alter High School: its traditions and culture.

THEOLOGY 1 SEMESTER TWO THE REVELATION OF JESUS CHRIST IN SCRIPTURE (OT)

Grade 9	Required	1 Semester	½ Credit
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Prerequisite: None

Description: The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, and Jesus Christ in the Old Testament. In the course they will learn about the Bible, authored by God through inspiration, and its unprecedented value. They will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section.

THEOLOGY 2 SEMESTER ONE WHO IS JESUS CHRIST (NT)

Grade 10	Required	1 Semester	½ Credit
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Prerequisite: Theology 1

Description: The purpose of this course is for the student to investigate their knowledge about, understanding of, and relationship with Jesus. This is a course wherein the student focus is on the nature of Jesus Christ. Through a New Testament study of Jesus (with a focus on the Gospels) the student will recognize Jesus as the ultimate revelation to us from God.

THEOLOGY 2 SEMESTER TWO ECLESIOLOGY/CHURCH HISTORY

Grade 10	Required	1 Semester	½ Credit
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Prerequisite: Theology 1 and Theology 2 (1st Semester)

Description: This course introduces the role and importance of the Church as the primary institution that carries on the mission and ministry of Jesus Christ. The students will investigate the ways Christ is constantly present in the Church and will study the historical origins of the Church, examining key growth moments of the Church. (Church History)

THEOLOGY 3 SEMESTER ONE THE SACRAMENTS OF CHRIST

Grade 11	Required	1 Semester	½ Credit
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Prerequisite: Theology 2

Description: This course strives to help the students recognize that the sacraments are essential for any and all who walk the path of Jesus. Through an investigation of the sacraments: their history, their ritual, and their symbols the students will appreciate how the sacraments draw us closer to God and to one another.

THEOLOGY 3 SEMESTER TWO OUR LIFE IN CHRIST

Grade 11	Required	1 Semester	½ Credit
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Prerequisite: Theology 2 and Theology 3 (Semester 1)

Description: This course strives to help the students recognize meaning of discipleship. Through the course the students will confront the challenges to living as a disciple of Jesus and develop an understanding of Christian morality.

THEOLOGY 4 SEMESTER ONE LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY (CATHOLIC SOCIAL TEACHING)

Grade 12	Required	1 Semester	½ Credit
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Prerequisite: None

Description: The purpose of this course is to introduce the students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. The student continues the course by studying the vocations of life: how Christ calls us to live. Students learn what it means to live life for the benefit of others and the value in considering a vocation in the service to the Christian community.

THEOLOGY 4 SEMESTER TWO RESPONDING TO THE CALL OF JESUS CHRIST (CATHOLIC LIFESTYLES AND VOCATIONS) AND ECUMENICAL AND INTERRELIGIOUS ISSUES

Grade 12 **Required** **1 Semester** **½ Credit**

Prerequisite: None

Description: The purpose of this course is to invite the student to embrace their personal response to the call of Jesus Christ through a study of Catholic lifestyles and vocations. To empower the student to answer their call. Following this the student will embark on a study to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith.



The Theology department also offers two electives for the students if they wish to study Theology beyond the required courses. These electives are only offered to upperclassmen.

THEOLOGY OF MINISTRY

Grade 12 **Elective** **2 Semesters** **1 Credit**

Prerequisite: Recommendation of Theology Teacher

Description: This is an elective course in which students will investigate ministry within the church. The course will provide students with practical ministry experience at school and in the larger church. Students will take on leadership roles within the Peer Ministry Program and coordinate various ministries for their peers. Students will study the theology of Christian ministry and develop a vision of ministry. They will investigate the many and varied ministries in the church and acquire the skills and knowledge needed to minister to others. They will take leadership roles in ministry work within and outside of the school.

DEATH AND LIFE

Grades 11,12 **Elective** **1 Semester** **½ Credit**

Prerequisite: None

Description: This course aims to help the student comprehend the issues surrounding death in order to fully embrace their own life. The goals are: to help the student cope with their own dying/death; to help the student help others cope with dying/death; and to help the student lead a fuller richer life. It is designed for the junior or senior who wishes to delve further into their spirituality and the role it plays in their everyday life decisions.

WORLD LANGUAGES

CURRENT COURSE OFFERINGS

French 1, 2 & 3

French 4 & 5 (Honors)

German 1, 2 & 3

German 4 & 5 (Honors)

Spanish 1, 2 & 3

Spanish 4 & 5 (Honors)

The World Language Department provides students with an opportunity to develop proficiency in a world language. Our department supports and guides students encouraging them to continue learning a world language at the next level.

Alter students may travel to France, Spain and Germany on trips organized by the department. Students may also participate in the French, German, and Spanish clubs. The clubs offer a variety of activities to foster an understanding of the cultures.



Prerequisites:

- Level 1** Reserved for novice students or for those needing intensive remediation of basic skills
Grade 9 – Satisfactory score on the Alter Placement Test and in language skills
Grade 10, 11, 12 – C average in English and foreign language department chairperson signature
- Level 2** Grade 9 – Satisfactory score on Alter's Placement Test and in language skills, satisfactory score on the Alter Foreign Language Diagnostic Test and/or and the department chairperson's recommendation
Grade 10, 11, 12 – C average in Level 1 and signature of Level 1 teacher
- Level 3** C average in Level 2 and signature of Level 2 teacher
- Level 4** C average in Level 3 and signature of Level 3 teacher
- Level 5** C average in Level 4 and signature of Level 4 teacher
- Level 4 and 5 classes are weighted.**

FRENCH 1 NCAA

Grades 9,10,11,12	Elective	2 Semesters	1 Credit
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This course introduces the novice student to all aspects of foreign language instruction: cultural, and reading. The student will be well acquainted with French structure and basic conversational skills. Vocabulary building will also be emphasized. The cultural emphasis will be primarily on Paris.

FRENCH 2 NCAA

Grades 9,10,11,12	Elective	2 Semesters	1 Credit
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This course is designed to maintain and develop oral/aural competence while developing written and reading skills in French. The study of grammar is continued and there is a progressive development of the writing skills as well as of the cultural awareness of France and other French-speaking countries. Vocabulary building continues to be an important component within this course.

FRENCH 3 NCAA

Grades 10,11,12	Elective	2 Semesters	1 Credit
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Increased competence enables the serious language student to refine the basic listening, speaking, reading and writing skills acquired in French 1 and 2.

FRENCH HONORS 4 NCAA

Grades 11,12	Elective	2 Semesters	1 Credit
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Grade 11, 12 Elective 2 Semesters 1 Credit
In French 4 and 5 the student is required to use all the skills learned previously. Free discussion in French is expected and encouraged. The French culture and thought are studied through various forms of literature including full length classical literary works. Skill in composition, including the grammatical intricacies of the French language, is further redefined. French 4 is weighted as an honors course.

FRENCH HONORS 5 NCAA

Grade 12	Elective	2 Semesters	1 Credit
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In French 4 and 5 the student is required to use all the skills learned previously. Free discussion in French is expected and encouraged. The French culture and thought are studied through various forms of literature including full length classical literary works. Skill in composition, including the grammatical intricacies of the French language, is further redefined. French 4 is weighted as an honors course.

GERMAN 1 NCAA

Grades 9,10,11,12	Elective	2 Semesters	1 Credit
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This course introduces novice students to the German language through the four areas of language: speaking, listening, reading and writing. Primary emphasis is on mastering the basics of German grammar, acquiring vocabulary, and beginning communications skills. In addition, students start to learn about the geography, cultural traditions and history of Germany, Austria and Switzerland.

GERMAN 2 NCAA

Grades 9,10,11,12	Elective	2 Semesters	1 Credit
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The second year of German is a continuation of German 1. Students participate in a comprehensive program composed of grammar, vocabulary and communicative activities. Emphasis is placed on expanding proficiency in speaking, reading and writing. The second year will continue the students' exposure to the German culture. A variety of techniques will be used for optimal achievement of language proficiency.

GERMAN 3 NCAA

Grades 10,11,12	Elective	2 Semesters	1 Credit
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This course continues to develop a greater proficiency in speaking, reading, writing and listening skills. More detailed grammar will be incorporated into the activities. The serious language student is expected to increase his/her awareness of the Germanic cultures by reading excerpts from German literature, contemporary magazines, newspaper articles and internet sites. Students will expand upon material used in class with authentic forms of assessment including original videotaped narratives.

GERMAN HONORS 4 NCAA

Grades 11,12	Elective	2 Semesters	1 Credit
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In German 4 serious students are expected to achieve greater language proficiency in speaking, listening, reading and writing. Acquiring new vocabulary tailored to real-life situations will be expanded and the study of grammar will be more intricate. Students will read literature and continue to fine-tune writing skills. Emphasis is also on studying and presenting cultural, historical and current issues. German 4 is weighted as an honors course.

GERMAN HONORS 5 NCAA

Grade 12	Elective	2 Semesters	1 Credit
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German 5 students continue to advance their reading, writing, listening and speaking skills. A review of grammar

and vocabulary will be extensive for preparation of further studies at the college level. Students will work independently on specific projects to obtain greater understanding of German poetry, drama, art, literature, film and music. Discussion and presentation of current events, culture and tourism will be expected to increase proficiency in German. German 5 is weighted as an honors course.

SPANISH 1 NCAA

Grades 9,10,11,12	Elective	2 Semesters	1 Credit
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This course introduces students to all aspects of foreign language learning: listening, speaking, reading, writing, and Hispanic culture. Learners in this course will become familiar with basic conversational and writing skills, will develop their ability to understand spoken Spanish, and will begin reading short passages. Basic grammatical concepts are stressed. Emphasis is placed on practical use of the language.

SPANISH 2 NCAA

Grades 9,10,11,12	Elective	2 Semesters	1 Credit
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Spanish 2 continues the development of skills established in Spanish 1. Students will extend their ability to read and write in Spanish, while broadening their capacity to understand and respond in practical conversation scenarios. In addition, students will continue the study of Hispanic culture and customs. Vocabulary and grammatical precision are key elements of instruction.

SPANISH 3 NCAA

Grades 10,11,12	Elective	2 Semesters	1 Credit
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Spanish 3 is a challenging yet accessible course designed to continue the advancement of skills in all four areas of foreign language competence: listening, speaking, reading, and writing. The serious language student is expected to master complex grammar topics, to increase proficiency in speaking and listening tasks, to develop fluency in reading and writing, and to increase his/her awareness of Hispanic cultures.

SPANISH HONORS 4 NCAA

Grades 11,12	Elective	2 Semesters	1 Credit
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This upper-level course provides a thorough review of the major components of Spanish grammar, including more complex syntax and structures. Students will sample Hispanic literature they increase fluency while speaking, reading, listening, and writing. As students continue their study of the Spanish-speaking world, they will listen to audio excerpts of native speakers. Spanish 4 is weighted as an honors course.

SPANISH HONORS 5 NCAA

Grade 12	Elective	2 Semesters	1 Credit
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Spanish 5 students employ advanced foreign language skills developed in previous courses to read and respond to some of the Hispanic world's most well-known authors of poetry, prose, and drama. In addition, classroom discussion is held in Spanish about diverse topics, including history, art, literature, and current events. A comprehensive review demands mastery of Spanish grammar. Spanish 5 is weighted as an honors course.

LEARNING CENTER

GRADE 9, 10, 11, 12
Elective: 1 Semester

Placement: The Learning Center is designed to serve students on a formal IEP/ISP Plan, or School Assistance Plan. Eligibility is determined after submission of the Student's Plan to the Guidance Department.

Description: The Learning Center is staffed by highly qualified professionals to assist students with learning problems and maintain close communication with classroom teachers to provide support in academic content areas. The Learning Center's goal is to effectively implement and maintain student's assistance plans and to help students to compensate for learning problems, enabling them to become independent, successful learners, while in high school and beyond.



Alter High School's Learning Center

Alter High School provides assistance to eligible students in a small group setting where students work with highly qualified staff members for one period daily or on a consultation basis. Intervention Specialists reinforce content area academics, organizational and study skills. Individualized goals are monitored and collaboration between Intervention Specialist/Teacher/Parent is established. The Learning Center's goal is to teach students strategies they need to compensate for learning problems and to encourage students to use those strategies to become independent, successful learners while in high school and beyond.

Alter High School is committed to including individuals with disabilities as full participants in its programs, services and activities through compliance with Section 504 of the Rehabilitation Act of 1973, the American Disabilities Act of 1990 and the applicable provisions of IDEIA (Individuals with Disabilities Education Improvement Act of 2004). The Kettering public School Psychologist works in conjunction with the Learning Center staff in regards to Multi Factored evaluations as mandated by the state of Ohio.

Eligibility for the Learning Center

Current IEP or Service Plan for Learning Disabilities and Other Health Impairments. Other students may be considered through an approved process including the counselors and the Learning Center Staff.

Schedule Planning Worksheet:

CLASS OF 2028



24 CREDITS ARE REQUIRED FOR GRADUATION, INCLUDING:

English	4 credits
Mathematics	4 credits
Social Studies	3 credits (including 1 World Studies; 1 U.S. History; 1 Government)
Science	3 credits (including 1 Biology; 1 Physical)
Theology	1 credit for each year at Alter
Technology Skills & Ethics	1 credit
Fine Arts	1 credit
Speech	½ credit
Physical Education*	½ credit (one semester equals ¼ credit)
Health	½ credit
Financial Literacy/Personal Finance	½ credit

* Students who participate in interscholastic athletics, band or cheerleading for 2 full seasons will be exempt from the physical education requirement. Any student wishing to exercise this option MUST see their counselor in advance for details.

- Use the below chart to help plan for your freshman year at Alter, while referencing the above requirements, the scheduling information sheet, and the course description booklet.
- If you are attempting to earn the Honors or Conservatory for the Arts diplomas or are a member of the Alter Scholars Program, refer to pages 9-10 in this booklet for requirements.
- Be sure you meet the prerequisites listed in the course description booklet for every class you request.

WRITE THE SPECIFIC COURSE NAME IN THE AREA PROVIDED BELOW:

SUBJECT AREA	FIRST SEMESTER CLASS NAMES	SECOND SEMESTER CLASS NAMES
1. Theology 1		
2. English 9		
3. Mathematics		
4. Social Studies		
5. Science		
6. Business		
7. Elective		
8. Elective		

Schedule Planning Worksheet:

CLASS OF 2027



24 CREDITS ARE REQUIRED FOR GRADUATION, INCLUDING:

English	4 credits
Mathematics	4 credits
Social Studies	3 credits (including 1 World Studies; 1 U.S. History; 1 Government)
Science	3 credits (including 1 Biology; 1 Physical)
Theology	1 credit for each year at Alter
Technology Skills & Ethics	1 credit
Fine Arts	1 credit
Speech	½ credit
Physical Education*	½ credit (one semester equals ¼ credit)
Health	½ credit
Financial Literacy/Personal Finance	½ credit

* Students who participate in interscholastic athletics, band or cheerleading for 2 full seasons will be exempt from the physical education requirement. Any student wishing to exercise this option MUST see their counselor in advance for details.

- Use the below chart to help plan for your freshman year at Alter, while referencing the above requirements, the scheduling information sheet, and the course description booklet.
- If you are attempting to earn the Honors or Conservatory for the Arts diplomas or are a member of the Alter Scholars Program, refer to pages 9-10 in this booklet for requirements.
- Be sure you meet the prerequisites listed in the course description booklet for every class you request.

WRITE THE SPECIFIC COURSE NAME IN THE AREA PROVIDED BELOW:

SUBJECT AREA	FIRST SEMESTER CLASS NAMES	SECOND SEMESTER CLASS NAMES
1. Theology 2		
2. English 10		
3. Mathematics		
4. Social Studies		
5. Science		
6. Science Lab		
7. Elective		
8. Elective		

Schedule Planning Worksheet:

CLASS OF 2026



24 CREDITS ARE REQUIRED FOR GRADUATION, INCLUDING:

English	4 credits
Mathematics	4 credits
Social Studies	3 credits (including 1 World Studies; 1 U.S. History; 1 Government)
Science	3 credits (including 1 Biology; 1 Physical)
Theology	1 credit for each year at Alter
Technology Skills & Ethics	1 credit
Fine Arts	1 credit
Speech	½ credit
Physical Education*	½ credit (one semester equals ¼ credit)
Health	½ credit
Financial Literacy/Personal Finance	½ credit

* Students who participate in interscholastic athletics, band or cheerleading for 2 full seasons will be exempt from the physical education requirement. Any student wishing to exercise this option MUST see their counselor in advance for details.

- Use the below chart to help plan for your freshman year at Alter, while referencing the above requirements, the scheduling information sheet, and the course description booklet.
- If you are attempting to earn the Honors or Conservatory for the Arts diplomas or are a member of the Alter Scholars Program, refer to pages 9-10 in this booklet for requirements.
- Be sure you meet the prerequisites listed in the course description booklet for every class you request.

WRITE THE SPECIFIC COURSE NAME IN THE AREA PROVIDED BELOW:

SUBJECT AREA	FIRST SEMESTER CLASS NAMES	SECOND SEMESTER CLASS NAMES
1. Theology 3		
2. English 11		
3. Mathematics		
4. Social Studies		
5. Elective		
6. Elective		
7. Elective		
8. Elective		

Schedule Planning Worksheet:

CLASS OF 2025



24 CREDITS ARE REQUIRED FOR GRADUATION, INCLUDING:

English	4 credits
Mathematics	4 credits
Social Studies	3 credits (including 1 World Studies; 1 U.S. History; 1 Government)
Science	3 credits (including 1 Biology; 1 Physical)
Theology	1 credit for each year at Alter
Technology Skills & Ethics	1 credit
Fine Arts	1 credit
Speech	½ credit
Physical Education*	½ credit (one semester equals ¼ credit)
Health	½ credit

* Students who participate in interscholastic athletics, band or cheerleading for 2 full seasons will be exempt from the physical education requirement. Any student wishing to exercise this option MUST see their counselor in advance for details.

- Use the below chart to help plan for your freshman year at Alter, while referencing the above requirements, the scheduling information sheet, and the course description booklet.
- If you are attempting to earn the Honors or Conservatory for the Arts diplomas or are a member of the Alter Scholars Program, refer to pages 9-10 in this booklet for requirements.
- Be sure you meet the prerequisites listed in the course description booklet for every class you request.

WRITE THE SPECIFIC COURSE NAME IN THE AREA PROVIDED BELOW:

SUBJECT AREA	FIRST SEMESTER CLASS NAMES	SECOND SEMESTER CLASS NAMES
1. Theology 4		
2. English 12		
3. Mathematics		
4. Elective		
5. Elective		
6. Elective		
7. Elective		
8. Elective		





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