



**MCDONELL AREA
CATHOLIC SCHOOLS**

Est. 1882

Chippewa Falls, WI

**McDonnell Central Catholic
High School**

**Course Offerings &
Graduation Requirements**

2021-2022

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Requirements for Graduation from McDonell High

| | |
|---------------------------------------|---------------------|
| Religion | 4.0 Credits |
| English | 4.0 Credits |
| Social Studies | 3.5 Credits |
| Math | 3.0 Credits |
| Science | 3.0 Credits |
| Physical Education | 1.0 Credits |
| Health | 0.5 Credits |
| Arts: Performing, Visual, Fine | 2.0 Credits |
| Personal Finance | 0.5 Credits |
| Electives | 6.5 Credits |
| CREDITS REQUIRED TO GRADUATE | 28.0 Credits |

***Arts credits** can be obtained from the following areas: Visual Arts, Fine Arts, Performing Arts, Music, Oral Communication, and Yearbook. (Students should choose classes from at least two of these areas.)

Grade 9 Requirements: Religion 9, English 9, Western Civilization, Math (Basic Algebra, Algebra 1 or Geometry), Science 9, Health

Grade 10 Requirements: Religion 10, English 10, Math (Algebra I or Geometry or Algebra II or Trigonometry), Biology, Social Studies Elective

Grade 11 Requirements: Religion 11, English 11, Math Elective, Chemistry, Social Studies Elective

Grade 12 Requirements: Christian Vocations, English Elective, Personal Finance. ALL graduating seniors must pass the civics test. (Given as part of American Government)

McDonell Central Catholic High School Grading System

| Grade | Numerical Equivalent | Quality Points | Grade | Numerical Equivalent | Quality Points |
|-------|----------------------|----------------|-------|----------------------|----------------|
| A | 93 - 100 | 4.000 | C | 73 - 77 | 2.000 |
| A- | 90 - 92 | 3.667 | C- | 70 - 72 | 1.667 |
| B+ | 88 - 89 | 3.333 | D+ | 68 - 69 | 1.333 |
| B | 83 - 87 | 3.000 | D | 63 - 67 | 1.000 |
| B- | 80 - 82 | 2.667 | D- | 60 - 62 | 0.667 |
| C+ | 78 - 79 | 2.333 | F | 0 - 59 | 0.000 |

F = Failure *I = Incomplete P = Pass

*An incomplete must be completed within two (2) weeks of the end of the term or it will be changed to an "F".

Honor Roll: Honor roll is posted after each term.

High Honors – Grade point average of 3.667 and above

Honors – Grade point average 3.33 – 3.66

Class Load: Students must take a minimum of (1) RP and four (4) Block courses each grading period.

Course Offerings: McDonell Central Catholic High School reserves the right to cancel any course for which there is not sufficient demand and/or enrollment. Consequently, a \$50 fee will be incurred for dropping a class after 3 school days and an "F" will be recorded for that class.

Preparing to register:

Please review the Course Book and Graduation Requirements before making decisions on courses you plan to take. It is your responsibility to select the courses that will meet McDonell Central Catholic High School graduation requirements, and that will best meet your needs based on your interests, abilities and future plans. Teachers, counselor, and parents will do the best they can to help you make your selections. In making decisions, please consider the following:

- Review, and be familiar with, the requirements for graduation from McDonell Central Catholic High School.
- Before selecting a course, read the course description and make sure that you meet all of the prerequisites for courses when they are listed.
- Get teacher approval for courses that require written teacher consent.
- If you are in doubt about credits for graduation, four-year college and/or technical college, see the school counselor for help.
- Plan ahead not just for next year, but for the entire time remaining in your high school career. Keep your options open for future educational plans by taking challenging courses.
- Selecting a course does not guarantee that you will be scheduled into that course. Every effort is made to honor student course requests. Scheduling conflicts or class sizes determine the availability of course offerings. Students sign up for courses, not specific periods, teachers or class sections.
- The master schedule is built on student requests and requirements. Students will be expected to take courses they sign up for (including alternates). Changes to schedules will ONLY be made for special circumstances and **in the first three days of a term**. Approval from the teacher, school counselor or Principal are required to add or drop a course.

***Choose Your Courses Wisely!
Make A Plan!***

Alternate Learning Opportunities (ALO)

In order to provide a broader spectrum of class offerings to our high school students, McDonell Area Catholic Schools has set up agreements with various credible vendors. Since these offerings are done outside of the traditional school setting, there may be **additional fees**. While these options do provide another avenue for education, they do not in any way change the overall cost of McDonell tuition. Adjustments in tuition due to taking a class(es) “off-campus” are rare.

Students wishing to be considered for participation in alternate learning opportunities must meet the following criteria:

- The student is enrolled as a full-time junior or senior at McDonell Central Catholic High School.
- The student must be on track for graduation and the course requested may not be similar to a course offered at McDonell Central Catholic High School.
- Any costs, including tuition and travel, will be the responsibility of the student and/or the parent or guardian.
- The student must not have any disciplinary problems at McDonell Central Catholic High School or the alternate school.
- The class must be able to be worked into the student’s schedule at McDonell Central Catholic High School.
- The alternate school must accept the student.
- The student must complete the appropriate application within the prescribed timeline. The application is available through the high school counselor. Approval from the corresponding McDonell curriculum department head may be required.
- Dual credit courses (*courses in which student receives McDonell credit and college credit*) offered through outside vendors often carry registration and course or credit fees. Student/parents are responsible for all registration and college course fees. Cancellation fees may apply to all alternate learning opportunities.
- If a student does not successfully complete an alternate learning opportunity course with a C+ or higher grade, in which McDonell paid the course fee, the student/parents will be responsible for reimbursing McDonell Area Catholic Schools for the entire cost of the course and any related fees.
- The Principal and school counselor together, will make the final decision on all alternate learning opportunities.

Distance Learning Courses

Through a contract with CESA 10, McDonell High School students are able to take classes that are taught in other schools and technical colleges by using the Distance Learning Lab located at McDonell High School. The McDonell students interact with the instructor and other students via our Polycom (Video Conference) system. The courses originate from the high schools or colleges listed in the Course Offering Book. If a student takes a college credit class, the student must pay for the college credit.

Fee range: \$250 – \$500

Technical College Courses

CVTC has developed a program to provide courses to high school students in private schools (e.g. McDonell and Regis) These courses are taught by certified instructors at CVTC (Chippewa Valley Technical College) using technical college books and materials. Students can receive high school and/or regular technical college credit upon completion of the course(s) (duel credit). Upon successful completion of the course(s), students will receive an official transcript with grade and credit(s) recorded at the technical college. Students/parents pay for these college credit courses.

Fees: \$131 - \$174 per credit

Viterbo University - La Crosse Diocesan HS College Credit Program (DHSCCP)

A program has been initiated in cooperation with Viterbo University in La Crosse. This program will enable students to complete college credit while attending McDonell Central Catholic High School.

These courses are taught by MACS Faculty approved for college level courses. Students who would like the college credit for taking the course are responsible for all tuition fees. Students will receive dual credit (high school credit as well as University credit). To enter the program, students need to have a cumulative GPA of 3.0. There is a cost of \$50 per credit at Viterbo.

Fees: \$50.00 per Viterbo credit

Wisconsin Virtual School

Through an arrangement with CESA 9, McDonell High School students are able to take online courses which also can include AP (Advanced Placement) and dual college credit courses. If a student takes the AP exam to try to earn college credit, they must pay for the AP testing fee. If a student drops the course after the published drop date, the student/parent is responsible for the course fee.

Fees: There may be additional fees related to these courses.

Wisconsin Youth Apprenticeship Program

The **Wisconsin Youth Apprenticeship program**, under the state administration of the Dept. of Workforce Development, began in 1991 and has grown from one occupational area to programs within 10 career clusters. Youth Apprenticeship (YA) integrates school-based and work-based learning to instruct students in employability and occupational skills defined by Wisconsin industries. Local programs provide training based on statewide youth apprenticeship curriculum guidelines and are endorsed by business and industry. Students are instructed by qualified teachers and skilled worksite mentors. Students are enrolled in academic classes to meet high school graduation requirements, in a youth apprenticeship related instruction class, and are employed by a participating employer under the supervision of a skilled mentor.

The work-based learning component of the YA Program is designed to provide an on-the-job learning environment for students by being "apprenticed" to an experienced mentor. As with all apprenticeship programs, the work-based learning component is the primary method for teaching the required competencies, the local business becomes an extension of the classroom for the YA student. The required related technical classroom instruction is intended to support the work-based learning experience by providing theoretical knowledge and, when needed, providing appropriate skill development.

Students may select from a one-year or two-year program that is linked to one of the following career clusters: Agriculture, Food and Natural Resources, Architecture and Construction, Arts, A/V Technology and Communications, Finance, Health Science, Hospitality, Lodging and Tourism, Information Technology, Manufacturing, Science Technology Engineering & Math (STEM) or Transportation, Distribution and Logistics.

Post-Secondary Education

Four Year College Entrance Requirements

If your plans after graduation include a four-year college, keep in mind the five major factors upon which college admission decisions are based:

1. The quality and rigor of your course study while in high school. Take challenging courses!
2. The grades earned in those courses and the resulting grade point average.
3. Your score on the ACT test.
4. The personal recommendations of your counselors and teachers.
5. Involvement in activities both in and out of school.

Colleges and universities have their own specific requirements regarding admission. You should identify those requirements when reviewing potential colleges, and work to ensure that you will meet them.

Below are the **minimum** course requirements for the University of Wisconsin System. Private colleges and universities and out of state schools may have different requirements.

13 Core College Prep Credits; these must include:

| | |
|--------------------|---|
| English | 4 Credits |
| Social Studies | 3 Credits |
| Science | 3 Credits |
| Math | 3 Credits (including Algebra 1, Algebra 2 and Geometry) |
| 4 Elective Credits | Can be chosen from the above Core areas, foreign language, fine arts, or other academic areas. |
| Foreign Language | In the UW System, UW Madison is the only school that currently requires two years of a single foreign language for admission. Other UW schools recommend it. Universities in Minnesota also require two years of a single foreign language. |

Since 2015, all five University of Minnesota campuses require four credits of math for admission. This must include two credits of Algebra and one credit of Geometry.

Two Year College Entrance Requirements

Students may start their college education at a two-year UW college and then transfer to a four-year campus to earn a bachelor's degree. After fulfilling certain credit and grade point requirements, students that participate in the Guaranteed Transfer Program are guaranteed admission to the any of the four year campuses in the UW system. The Guaranteed Transfer Program guarantees admission to the baccalaureate institution only and not to the specific program or major.

Two-year UW colleges are different than technical colleges. Entrance requirements include:

13 Core College Prep Credits; these must include:

| | |
|----------------|---|
| English | 4 Credits |
| Social Studies | 3 Credits |
| Science | 3 Credits |
| Math | 3 Credits (including Algebra 1, Algebra 2 and Geometry) |

4 Elective Credits Can be chosen from the above Core areas, foreign language, fine arts, or other academic areas.

If your high school record, placement test scores, or other previous academic performance indicates that you may have difficulty with university work, you may be required to participate in special programs and course work aimed at preparing you to succeed at university-level coursework. Most two year schools are designed to help you meet your goals!

Technical College Entrance Requirements

Technical colleges provide affordable, career oriented programs for many high skilled jobs. Small class sizes, flexible scheduling, and a high job placement rate are all attractive features of these schools. Technical college students spend much of their class time in job-related settings where they receive hands-on training from experienced instructors. Program options include short term certification programs, technical diplomas, and associate degrees which take one to two years to complete.

Technical colleges generally have an open enrollment policy which requires a high school diploma or equivalent. Specific programs have specific requirements or placement tests for admittance. For instance, the Nursing Program requires high school with a grade of "C", CNA certification, a background check, and required scores on the COMPASS or ACT test.

It is important to check the specific program requirements in the college catalog or on the college website.

Block Schedule: Sample Freshman Schedule

McDonell Central Catholic High School runs on a block schedule. In the block schedule, most students take four classes per term with the opportunity to take up to two regular periods. (RP1, RP2 42 min). Classes run for 80 minutes. Following are two examples of what a freshmen student's schedule might look like.

Example 1:

| | Term 1 | Term 2 | Term 3 | Term 4 |
|--------------------------|---------------|---------------|---------------|---------------|
| 7:50 – 9:10 | Intro to Art | Health | Geometry | Geometry |
| 9:13 – 9:55 (RP1) | Study Hall | Study Hall | Study Hall | Study Hall |
| 10:00 -11:20 | Science 9 | Science 9 | West Civ | West Civ |
| 11:20 – 11:54 | Lunch | Lunch | Lunch | Lunch |
| 11:59 – 1:19 | English 9 | English 9 | Geography | Geography |
| 1:24 – 2:44 | Religion 9 | Religion 9 | Spanish 1 | Spanish 1 |
| 2:48 – 3:30 (RP2) | Choir | Choir | Choir | Choir |

Example 2:

| | Term 1 | Term 2 | Term 3 | Term 4 |
|--------------------------|---------------|---------------|----------------|----------------|
| 7:20 – 7:45 | Jazz Band | Jazz Band | Jazz Band | Jazz Band |
| 7:50 – 9:10 (RP1) | English 9 | English 9 | Science 9 | Science 9 |
| 9:13 – 9:55 | Band | Band | Band | Band |
| 10:00 -11:20 | West Civ | West Civ | Current Issues | Current Issues |
| 11:20 – 11:54 | Lunch | Lunch | Lunch | Lunch |
| 11:59 – 1:19 | Religion 9 | Religion 9 | Spanish 1 | Spanish 1 |
| 1:24 – 2:44 | Health | Intro to Art | Algebra 1 | Algebra 1 |
| 2:48 – 3:30 (RP2) | Study Hall | Study Hall | Study Hall | Study Hall |

COURSE DESCRIPTIONS BY DEPARTMENT

RELIGION DEPARTMENT

RELIGION 9

Course #600A & 600B

2 terms, 1 credit, Required Grade 9

Old Testament

This course will examine the Bible, the word of God in human language, as a major source of divine revelation. The course will begin the study of Salvation History as a timeline, from the creation of the world and the fall of the key patriarchs and prophets that prepared the way for salvation in Jesus Christ. By exploring the many books that comprise the Old Testament, students will learn the love story of the covenant between God and His chosen people of Israel.

New Testament

At the heart of Christianity is not a formula or an equation but rather a person: Jesus Christ, God made man. The biblical timeline will continue through this study of the life and teachings of Jesus, as told by the evangelists in the Gospels, and leave off as Christ establishes the Church. Students will most importantly have opportunities to come to know Christ personally through various prayer opportunities.

RELIGION 10

Course #601A & 601B

2 terms, 1 credit, Required Grade 10

Church History Part I

The purpose of this course is to examine key events in the life and growth of the Catholic Church through the centuries, in their historical context in order to gain understanding of this divine and human institution. Special emphasis will be given to the development of doctrine, the impact of the Church on society, and the saints who have made outstanding contributions to the life and holiness of the Church throughout the ages. The first part of this course will begin with the Early Church and continue through the Middle Ages. Special emphasis will be given to the persecution of Christians in the Roman Empire, the many heresies and councils that were characteristic of this time period, and the rise of the monastery and the university.

Church History Part II

This course will continue to study the Church's history beginning with the factors that led to the Reformation and continuing through the present day. Special emphasis will be given to the Church's response to the Reformation in the Council of Trent, the presence of the Church in the United States, the question of separation of Church and State, and the Church's response to the modern world in the Second Vatican Council.

RELIGION 11

Course #602A & 602B

2 terms, 1 credit, Required Grade 11

Sacraments and Liturgy

Through the sacraments the invisible God becomes visible through the physical matter of the world. These outward and visible signs of inward and invisible grace form the foundation of the Christian life. This course involves the study of the biblical roots and theology of the seven sacraments. Additionally, emphasis will be given to the public and private prayer of the Church, giving special emphasis to the Holy Mass. Finally, students will be given time for personal practice of prayer methods learned in class.

Christian Morality

The purpose of this course is to explore what it means to be a human person and to live a moral life -- a life in pursuit of the true, the good, and the beautiful. Special attention will be given to the nature of good and evil, sins to avoid and virtues to cultivate in living the moral life, current moral issues related to life and bioethics, and the Social Teachings of the Church on poverty, work, and stewardship.

CHRISTIAN VOCATIONS

1 term, 1/2 credit, Required Grade 12

Course #603

Senior religion re-emphasizes Church teachings of morality, especially those regarding our relationships with God and others. The centrality of love, the four great forms of love, and Christian marriage are discussed.

THEOLOGY OF THE BODY

1 term, 1/2 credit, Elective

Course #604 or 604RP

Pre-requisite: Religion 9

A study of Pope John Paul II teachings on love and sexuality, how our human sexuality reflects the great love of the Trinity, and how it applies to our own human dignity and our everyday lives. Writings of John Paul II and updated commentaries are coupled with prayer and Eucharistic Adoration in this course.

APOLOGETICS

1 term 1/2 credit, Elective

Course #605

Pre-requisite: Religion 9

This course provides a comprehensive survey of information and methods used to defend the Christian faith. The goal is for each student to develop a personal understanding of Christian Apologetics, while equipping themselves for a relevant and faithful witness in the world.

PHILOSOPHY

1 term, 1/2 credit, Elective

Course #606

Grades 10, 11 & 12, Grade 9 with teacher approval

This course will study primary sources in philosophy including, Socratic logic, Plato's dialogues, Aristotle's Ethics, Augustine's Confessions, the works of Thomas Aquinas, as well as some of the Moderns. It will also examine modern streams of thought and their origins in philosophy. Questions examined will include, can we prove the existence of God? What is goodness? What are friendship and happiness and how do we attain them? What does it mean to be human and how do we live according to our rational natures? What are the True, the Good and the Beautiful?

CATHOLIC SOCIAL TEACHINGS

1 term, 1/2 credit, Elective

Course #617

Grades 10, 11 and 12

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others is present today in the Church's social teaching and mission. Special emphasis will be given to the Church's social teaching on the Life and Dignity of the Human Person, as this teaching is foundational for the other social teachings.

ANALYTICAL SCRIPTURE

1 term, 1/2 credit, Elective

Course #608 or 608RP

Grades 10, 11, 12

Pre-requisite: Religion 9

This course will provide an in-depth study of several major books in the Bible. Topics include: Major Prophetic Writings in the Old Testament and Johannine and Pauline Literature in the New Testament.

FAITH THROUGH LITERATURE & THE ARTS

Course #611

1 term, 1/2 credit, Elective

Grades 10, 11 and 12

Pre-requisite: Religion 9

This course will present the truths of Catholicism in the context of the arts: literature, artwork, music, and film. The course will follow the structure of the Catechism of the Catholic Church, connecting the arts with the creed, sacraments, morality, and prayer.

STUDENT LEADERSHIP

Course #006

1 term, 1/2 credit, Elective

Grade 10, 11, 12

Prerequisite: Band, Choir, or Student Council

This course is dedicated to the development of student leaders who are ready to embrace the challenges of going the extra mile to serve their constituents in a fashion that will advance the given organization to a higher level of efficiency and effectiveness. Students involved in student government, music and / or students that are interested in being leaders in their communities and in their future career may find this class beneficial.

SERVICE LEARNING

Course # 609

1 term, 1/2 credit, Elective

Grade 12

This class is for senior students to go out into the community to serve others. All students are admitted by teacher recommendation. Students will be placed at a service site for the duration of the quarter and will report each day for the entirety of the block. Along with hands on service, students will also spend time reflecting on their relationship with Christ and how it relates to the work they are doing. Students will complete several written assignments as well as discussions with other students in the class.

ENGLISH DEPARTMENT

ENGLISH 9

Course #101A & 101B

2 terms, 1 credit, Required Grade 9

This course refines the basic skills of communication. Writing skills, including grammar usage, vocabulary, spelling, etc., will be emphasized on an as-needed basis. A speech unit will help students improve interpersonal communication skills including the preparation and presentation of speeches/multi-media presentations. Through literature, students will focus on the genres of poetry, short story, non-fiction, fiction, and novels as well as the oral tradition of Greek mythology. Students will also study a Shakespearean play to understand the techniques of drama. The use of technology will also be incorporated into writing and literature.

ENGLISH 10

Course #102A & 102B

2 terms, 1 credit, Required Grade 10

Students will do an in-depth study of some American classic novels. Analysis of the novels' literary styles and biographical study of the author is required. Students will review essential grammar skills and apply them to a variety of written forms. Research papers introducing the MLA (Modern Language Association) style of documentation will be completed in preparation for extensive writing in future classes. Students will also be expected to critically analyze and evaluate one of the novels to a version of a movie on the same book. Preparation for the ACT test is done through the use of the *Power Plus for the ACT* book. This involves practice in vocabulary and reading and writing skills.

ENGLISH 11

Course #103A & 103B

2 terms, 1 credit, Required Grade 11

This course samples American Literature from the time of the earliest settlers to the present. Discussion groups, individual projects, and written work (most often technology-based) are part of this course. Included are techniques of narrative and descriptive writing as an art to transfer experiences, ideas, impressions, and feelings from one person to another. The shift in purpose of writing from early American settlers to the present day will also be examined. A portion of the course will also be devoted to Shakespeare as well as American playwrights. Students will also participate in several real-world/ACT prep exercises. The course will be heavily reliant on the incorporation of technology into writing, reading, and exploring our world through literature.

ADVANCED WRITING

Course #104

1 term, 1/2 credit
Grade 11 and 12

This course is to prepare students for college-level writing and real-world experiences. Students will first learn how to improve their writing using the six traits of writing. Once the traits are mastered, they will incorporate them into extensive forms of descriptive, narrative, expository, informative, analytical, persuasive, argumentative, and professional writing. Documentation and research skills are taught. Students are instructed on how to find reputable resources via the internet and databases such as *BadgerLink*. Locating books and other resources using the MORE system through the local library will also be required. Based on one of the essays, a brief presentation is to be completed and presented in class. ALL writing is done in class with the teacher's supervision. Rough drafts are revised and a final copy is submitted for a grade. A portfolio is assembled as a final product for the students to keep for future reference. Some writings are submitted for publication or entered in contests.

A.P. ENGLISH (LITERATURE AND COMPOSITION)***This course may be taken in place of English 11 with approval**

Course #105A 105B & 105C

3 terms, 1.5 credits, Elective
Grades 11, and 12

Students will read, discuss, and reflect on a variety of college-level plays, novels, short stories, and poetry. This course will require out-of-class reading. Students will be given essay exams on pieces read. The course will prepare students to take the Advanced Placement exam in English Literature and Composition. All students who take this class are encouraged to take the A.P. English exam. Up to five books may be required to be purchased by students for this class. Practice exams and writing prompts will also be included in this two-quarter course.

YEARBOOK / NEWSWRITING

Course #106 or 106RP

1 term, 1/2 credit, Elective
Grade 10, 11 and 12

This course introduces students to the various aspects of the yearbook and journalistic techniques/laws. Students will gain knowledge in writing, layout, editing, and production. Also included will be aspects of photography and Photoshop/online editing with the yearbook site. Each student will be expected to actively participate in the production of the yearbook. This requires students to be present at after-school events to take photos, conduct interviews, gather team statistics, etc. **Yearbook may be taken more than one quarter with instructor approval.** (This course can be used as an English or Performing Arts credit.)

This course does not fulfill the English requirement for some universities.

ORAL COMMUNICATION

Course #108 or 108RP

1 term, 1/2 credit, Elective
Grade 11 or 12; Grade 10 with teacher approval

Students will learn the basic elements of communication in order to give a successful presentation. Conducting an interview, news broadcasts, and speeches of different types and on various topics will be required. Oral interpretation of prose, poetry, and drama will also be a part of the class. All presentations will be performed for the class. (This class may be used for credit toward English or Arts requirements.)

CREATIVE WRITING I

Course #109

1 term, 1/2 credit, Elective
Grade 11 or 12; Grade 10 with teacher approval

Students will enhance their creativity by writing various forms of poetry, personal narratives, fables, "how to" stories, mysteries, and stories based on selected story starters. Writing is done in class with the teacher's supervision. Rough drafts are revised and final copies are compiled in a portfolio. Many works are submitted for publication or entered in contests.

CREATIVE WRITING II

Course #110

1 term, 1/2 credit, Elective
Grade 11 or 12; or with teacher approval

Advanced forms of poetry are introduced and story writing with a specific topic or theme is assigned. Other writings by famous writers or teenage writers are reviewed in order to become familiar with different styles of writing. Writing is done in class and compiled in a showcase portfolio. Every effort will be made to have the students' works submitted for publication. This class is for serious writers as many options will be made available for them to "bloom creatively."

ADVANCED NOVELS

Course #111 or 111RP

1 term, 1/2 credit, Elective
Grade 11 or 12; Grade 10 with teacher approval

This class includes the in-depth study of the elements of novels. Novels will be chosen from various categories: mystery, romance, science fiction, history, adventure, humor, and fantasy. A project, appealing to the different talents of each student, will be completed upon completion of each book. Group work and discussions are encouraged to enhance critical thinking. This is an excellent course in preparation of A.P. English. A favorite book is *The Great Gatsby*.

BRITISH LITERATURE

Course #112

1 term, 1/2 credit, Elective
Grade 11 or 12; Grade 10 with teacher approval

This course is designed to further develop critical reading skills. Students become familiar with major English writers such as Shelley, Austen, Dickens, Orwell, and some earlier poets and authors. Students are encouraged to work in groups when analyzing the literature. Written assignments and projects will be assigned dealing with the writing styles and themes in each book or poem.

ADVANCED VICTORIAN LITERATURE AND CULTURE

Course #115

1 term, 1/2 credit, Elective
Grade 10, 11 and 12 with teacher approval

An examination of Victorian poetry and novels. The course will cover British literature and culture during Queen Victoria's long reign, from 1837-1901. The course also explores formal developments in the period as they relate to said literature, such as urbanization, class struggle, scientific upheaval, religious expression, imperial expansion, and bureaucratization. Students will also learn customs, habits, and etiquette of the period. Writers covered will include the Brontes, Hardy, Eliot, and others. Written essays and projects will be central to the focus of the course.

REAL WORLD LITERATURE –ADVANCED NON-FICTION NOVELS

Course #116 or 116RP

1 term, 1/2 credit, Elective
Grade 11 or 12 or with teacher approval

Are you ready to read about some eye-opening experiences? Then this is the class for you! Be moved by the story of some soldiers' lives in Vietnam and after they return to the United States, to a boy soldier's life in Sierra Leone after rebels overtake his village in Africa. Then travel with a young man to Alaska on a quest to "find himself", to the fight for equality in the judicial system for wrongly convicted victims. If time allows more books will be read, which could include: *Into the Wild*; *A Long Way Gone*; *The Things They Carried*; *Just Mercy: In Cold Blood*

READ. WRITE, RELAX

Course #118

1 term, 1/2 credit, Elective
Grade 10, 11 or 12 or with teacher approval

This class was created for those students who wish to read a variety of different genres of books. Not only will books be read, but magazines and newspapers will be a part of the reading experience. There will be suggested readings done as a class, but also there will be time for leisure and independent reading. Writing about things familiar to the students is the key purpose of writing in this class. Time will be given in class to create students' memoirs. Relaxing and doing the kind of reading and writing students enjoy is the purpose of this class. To develop a love for reading and writing in a comfortable environment is key to this class. Assignments will vary depending on the materials read or written lesson. Projects, journals, and presentations will be used as a form of assessment.

AP ENGLISH LANGUAGE AND COMPOSITION

Course #120

1 term, 1/2 credit, Elective
Grade 11 and 12

Students will develop writing and rhetorical skills through reading, analyzing, and writing about college-level texts. A variety of researched-based essays will be used to assess the students' ability to persuade, argue, and explain with reasoned, fact-based evidence.

*This class will help students prepare for the AP English Language and Composition exam or may be taken for dual credit through Viterbo. Students may be required to purchase books for this class.

SOCIAL STUDIES DEPARTMENT

WESTERN CIVILIZATION

Course #700A & 700B

2 terms, 1 credit, Required Grade 9

Surveys global civilizations and relationships with an emphasis on European history. The course begins in 500 CE and works towards the modern era. The first term of the course looks at world civilizations between 500 and 1700 CE and in particular focuses on the European Middle Ages, Renaissance, Reformation and the Age of Exploration and Conquest. The second half of the course begins with the American, French, Haitian and industrial Revolutions and follows with the rise of the Nation States. The course concludes with World War I and World War II. **Pre-requisite for all Social Studies classes, except Geography.**

GEOGRAPHY

Course #701 or 701RP

1 term, 1/2 credit Elective
Grade 9, 10, 11 and 12

Studies the human occupancy of the world. The various regions of the world will be studied, stressing the themes of population characteristics, urbanization, industrialization and agricultural patterns, and economic development. Strongly recommended for college-bound students.

PSYCHOLOGY

Course #702

1 term, 1/2 credit, Elective
Grade 10, 11 and 12

Presents an overview of the science of Psychology and its applications in society. Topics explored include the experimental method, psychological theory, the physiology of the brain, learning, memory, and personality.

AMERICAN GOVERNMENT

Course #703

1 term, 1/2 credit, Required
Grade 10, 11 and 12

This course gives the student an opportunity to gain facts and insights into the government of our country that will serve to lay the basis for a life-long role as a competent, alert, and interested citizen of the United States. The Federal, State, and Local governmental structures are reviewed.

AMERICAN HISTORY

Course #704A & 704B

2 terms, 1 credit, Required
Grade 10, 11 and 12

Surveys the events that led to the development of the United States of America. The political, economic and social aspects of the American Revolution, the Civil War, industrialism, and America's rise to the world power are emphasized. Topics in 20th-century America include World War I, the Great Depression, World War II, the Cold War, the Vietnam War, Watergate, and more.

POST-WORLD WAR II AMERICA

Course #705

1 term, 1/2 credit, Elective
Pre-requisite: American History
Grade 10, 11 and 12

This course will survey, in more depth, the great events of post-war America, such as the Cold War, Civil Rights, the Cuban Missile Crisis, the Vietnam War, the Cultural Revolutions, the wars in Iraq and Afghanistan, 9/11, and more. There will be time for reading and evaluating these events.

A.P. AMERICAN HISTORY

Course #706A, 706B, 706C & 706D

4 terms, 2 credits, Elective
Grade 10, 11 and 12
Permission of instructor required

In addition to the materials studied in the survey course, Advanced Placement American History will allow students to explore issues and events of history in greater depth through reading and discussion outside the text. This course will prepare students to take the Advanced Placement Exam in U.S. History. All students in this class are expected to take the A.P. Exam.

Permission of the instructor is required to take this class.

ECONOMICS

Course #707

1 term, 1/2 credit, Required
Grade 10, 11 and 12

This course is designed to help students understand the economic world in which they live. The fundamental objective is to provide students with a basic understanding of the economic system of the United States. Upon completion of the course, students should be able to understand economic events as reported in the media. Their increased level of economic literacy will help prepare them to function effectively as consumers, workers, and citizens. The course also helps students gain an appreciation of the benefits of living in an economic system that protects individual freedoms.

DICTATORS

Course #708 or 708RP

1 term, 1/2 credit, Elective
Grade 10, 11 and 12

This course will explore the two most influential dictatorships of the 20th Century: Nazi Germany and the Soviet Union. The course will look at the people and policies that made these dictatorships. Topics include Hitler, Stalin, the S.S., the Holocaust, and Collectivization.

CURRENT ISSUES

Course #709

1 term, 1/2 credit, Elective
Grade 9, 10, 11 and 12

Using newspapers, weekly magazines, and other media, students will take an in-depth look at the events occurring in the world today. Probable areas of study include conflicting political systems, current geopolitical conflicts, environmental concerns, and other topics of national, regional, and local interests. Catholic Social Teaching will be studied and principles applied to current issues. **Current Issues may be taken more than one term..**

SOCIOLOGY

Course #710

1 term, 1/2 credit, Elective
Grade 10, 11 and 12

Assists the students in understanding the social problems of our society and the world. The course investigates these problems and analyzes the various approaches to the problems and confronts various methods of solving them. Some areas covered include population, cities, poverty, race and ethnic relations, family, aging, crime, and drug abuse.

HUMAN GEOGRAPHY

Course #711

1 term, 1/2 credit, Elective
Pre-requisite: Geography, Permission of instructor required

This course serves to introduce students to the field of human geography. Human geographers study patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will gain knowledge of the methods and tools geographers use in their science and practice.

MATH DEPARTMENT**BASIC ALGEBRA**

Course #300A & 300B

2 terms, 1 credit, Elective

Basic Algebra strengthens the skills in basic arithmetical principles. It reviews the four basic operations of addition, subtraction, multiplication and division of whole numbers, fractions and decimals. It also introduces pre-algebra skills, solves simple equations and performs operations with integers and rational numbers. Teacher recommendation is required for enrollment in this course. This course does not fulfill the math requirement for some colleges.

ALGEBRA 1

Course #301A & 301B

2 terms, 1 credit, Elective

Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. This course will provide students with an introduction to algebra. Topics include: real numbers, linear equations, polynomials, rational expressions, functions, radical exponents, systems of linear equations, and quadratic equations.

GEOMETRY

Course #302A & 302B

2 terms, 1 credit, Elective

Pre-requisite: Algebra 1

Geometry develops the power of spatial visualization, utilizing the role of inductive and deductive reasoning in both mathematical and non-mathematical situations, an appreciation of the basic structure of geometry, points, lines, circles, and polygons. It develops logical thinking and gives hands-on examples connecting to the real world. It also reinforces the geometry-algebra connection and provides opportunities for diagnosing and reviewing algebraic skills.

ALGEBRA 2

Course #303A & 303B

2 terms, 1 credit, Elective

Pre-requisite: Algebra 1 & Geometry
Grades 10, 11, 12 or Instructor Approval

This course gives students an understanding of the structure of both real and complex numbers, in addition to recognition and application of techniques of algebraic skills and concepts as well as the role of deductive reasoning. It represents situations verbally, numerically, graphically, geometrically, or symbolically. It uses many examples and problems, real life data, and graphs to reinforce the role of algebra in the real world. It builds critical thinking.

TRIGONOMETRY

Course #304

1 term, 1/2 credit, Elective

Pre-requisite: Algebra 2 and Geometry

This course includes the graphing of trigonometric functions as well as the use of them in triangles. It also includes working with the many trigonometry identities. It introduces students to circular functions. This course may be taken concurrently with Algebra 2.

PRE-CALCULUS

Course #305A & 305B

2 terms, 1 credit, Elective

Pre-requisite: Algebra 2; Trigonometry

Pre-calculus consists of work in advanced mathematics and a preparation for calculus. Graphing calculator technology will be emphasized to enhance and support the mathematics in all units of study. Students must be able to use a variety of techniques to solve problems: graphical, numerical, algebraic/analytic, and verbal. Students are to develop an appreciation of all these methods of representation, understand how they are connected in a given problem, and learn how to choose the most appropriate method(s) to solve a problem. Topics include: linear equations and analytic geometry, properties of functions, graphs of functions, exponential and logarithmic functions, polar coordinates, complex numbers, polar graphs, conic sections, polynomials and zeroes, sketching polynomial functions and quotients of polynomials, matrices, sequences & series, probability, mathematical induction, and an introduction to statistics.

ADVANCED PLACEMENT CALCULUS

Course #306A, 306B, & 306C

3 terms, 1.5 credits, Elective

Pre-requisite: Pre-calculus; Trigonometry

Advanced Placement Calculus covers the material of Calculus BC. Topics include: limits, derivatives, related rates, integration, differential equations, sequences & series, and polar coordinates. Students have the option of taking the Advance Placement Test or dual enrolling through Viterbo University for college credit.

ADVANCED PLACEMENT PROBABILITY AND STATISTICS

Course #307

1 term, 1/2 credit, Elective

Pre-requisite: Algebra 2

Advanced Placement Probability and Statistics is designed to introduce the methods used in the field of applied statistics. Topics include: techniques for collecting and analyzing data, probability, drawing conclusions, hypothesis testing, and making predictions. Students have the option of taking the Advance Placement Test or dual enrolling through Viterbo University for college credit.

CONSUMER MATHEMATICS

Course #308 or 308 RP

1 term, 1/2 credit, Elective

Pre-requisite: Algebra 1

This course emphasizes applications of mathematics in vocational and technical areas. Topics include purchasing a car and home, saving and investing, taxes, and checking accounts. This course does not fulfill the math requirement for some colleges.

SCIENCE DEPARTMENT**SCIENCE 9**

Course #500A & 500B

2 terms, 1 credit, Required Grade 9

An introduction to the study of the methods and tools of the scientist. Environmental issues, energy, consumption, pollution and population distribution are studied first quarter. Second quarter is a study of Physical Science – the structure of matter and other basic Chemistry concepts, along with an exploration of work, power, energy, force, and motion from basic Physics.

BIOLOGY

Course #501A & 501B

2 terms, 1 credit, Grade 10 required

Pre-requisite: Science 9

An introductory study of Life. Students delve into topics on the scientific method, characteristics of living things, cell structure and function, cell division, protein synthesis, Mendelian genetics, human genetics, evolution, classification of life, viruses, bacteria, protists, fungi, plants, animals, and some human physiology. Students partake in multiple lab activities throughout the semester as well.

(Freshmen may take Biology second semester if a grade of "B" or higher was given in Science 9.)

CHEMISTRY

Course #502A & 502B

2 terms, 1 credit

Pre-requisite: Biology

A study of the composition and behavior of matter. Included are the methods of scientific inquiry, data analysis, properties of matter, atomic structure, the Periodic Table, chemical behavior of elements and compounds, ionic and covalent bonding, chemical reactions and equations, mols, gases, acids and bases, and the basics of nuclear chemistry. Topics are explored through lecture/demonstration, laboratory work, AV presentations and special projects.

PHYSICS

Course #504A & 504B

2 terms, 1 credit, Elective

Pre-requisite: Algebra 2, Chemistry, Trigonometry

Involves the study of mechanics, heat, light, electricity, and magnetism, and modern physics. Recommended for college-bound students. Students have the option of taking the Advance Placement Test or dual enrolling through Viterbo University for college credit.

A.P. BIOLOGY

Course #505A, 505B, & 505C

3 terms, 1.5 credits, Elective, Grades 11, 12

Pre-requisite: Biology, Chemistry

Advanced Placement Biology will provide students with the equivalent of their first college semester of biology. This course is designed around AP Biology Curriculum Framework, and is centered on the four big ideas:

- 1) The process of evolution drives the diversity and unity of life;
- 2) Biological systems utilize free energy and molecular building blocks to grow, reproduce, and maintain dynamic homeostasis;
- 3) Living systems store, retrieve, transmit, and respond to information essential to life processes;
- 4) Biological systems interact, and these systems and their interactions possess complex properties.

A minimum of 25% of total instructional time is devoted to inquiry-based laboratory investigation. Students are expected to take the AP Biology Test in May which may result in earning college credits

EARTH & SPACE SCIENCE

Course #506

1 term, 1/2 credit, Elective

Grades 10, 11 and 12

Pre-requisite: Science 9 Co-requisite: Geometry & Biology

This course surveys Astronomy, Geology, Hydrology, and Meteorology on planet Earth. It covers the study of the universe, and the methods by which we study Earth's place among its neighbors. The course covers the formation, arrangement, change, and demise of celestial bodies, as well as celestial navigation, historical astronomy, and earth-sun-moon relationships. Basic geological processes and hazards (volcanism and earthquakes) are covered in detail, along with impacts of the hydrologic cycle, and basic meteorological topics and hazards. It's a fun filled class that is all about planet Earth!

HUMAN ANATOMY & PHYSIOLOGY

Course #507

1 term, 1/2 credit, Elective

Grades 11 & 12

Pre-requisite or Concurrent: A.P. Biology

An in-depth study of the human body's anatomy and physiology. Students focus on the structure and function of the 10 organ systems of the human body as well as interactions between those systems. Introductory medical terminology is also integrated into this course. Students who take A.P. Biology is recommended to take this course.

ECOLOGY

Course #511

1 term, 1/2 credit, Elective

Grades 10,11 & 12

Co-requisite: Biology

Ecology is the study of the interactions between organisms and their environment. This course provides a background in the fundamental principles of ecological science, including concepts of natural selection, population and community ecology, biodiversity, and sustainability. Students will acquire an "ecological literacy" about how the natural world works, and develop an understanding of how scientific methods are used to construct ecological knowledge. The course will also explore some of today's major ecological challenges, and the important research that is being done to address these concerns.

PRINCIPLES OF BIOMEDICAL SCIENCE

Course # 520A & 520B

2 terms, 1 credit Elective
Grades 10, 11, 12
Co-requisite: Biology

This course uses curriculum designed by Project Lead the Way. In the introductory course students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

HUMAN BODY SYSTEMS

Course #521A & 521B

2 terms, 1 credit, Elective
Grades 10, 11, 12
Pre-requisite: Principles of Biomedical Science

This course uses curriculum designed by Project Lead the Way. Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal mannequin use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

PRINCIPLES OF ENGINEERING

Course # 523A & 523B

2 terms, 1 credit Elective
Grades 10, 11, 12
Pre-requisite: Algebra I & Geometry

Principles of Engineering is a hands on math and science course designed to give students an overview of engineering concepts. Topics include building simple and complex machines, circuit boards and breadboarding, hydrogen and solar fuel cells, bridge building, computer programming, robotics, probability and statistics, projectile motion, and self-propelled vehicles. Students must have a scientific calculator.

AP ENVIRONMENTAL SCIENCE

Course # 524A & 524B

2 terms, 1 credit, Elective
Grades 10, 11 and 12
Pre-requisite : Science 9

The goal of the AP Environmental Science course is to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and / or preventing them. The big ideas in AP Environmental Science is that science is a process, energy conversions underlie all ecological processes, the earth itself is one interconnected system, humans alter natural systems, environmental problems have a cultural and social context, and human survival depends on developing practices that will achieve sustainable systems. Students are expected to take the AP Environmental Test in May which may result in earning college credits.

AP CHEMISTRY

Course # 525A & 525B

2 terms, 1 credit Elective
Grades 10,11,12
Pre-requisite: Chemistry, Algebra II

The AP Chemistry course provides students with a college level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry based investigations as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires 25% of the instructional time engages students in lab investigations. Students are expected to take the AP Chemistry Test in May which may result in earning college credits.

MEDICAL TERMINOLOGY

Course # 526 RP

1 RP term, 1/2 credit, Elective
Grades 10, 11 and 12
Pre-requisite: Biology

This course introduces prefixes, suffixes and word roots used in the language of medicine. Topics include medical vocabulary, and the terms that relate to the anatomy, physiology, pathological conditions, and treatment of selected systems. Upon completion, students should be able to pronounce, spell and define medical terms as related to selected body systems and their pathological disorders.

INTRODUCTION TO ENGINEERING DESIGN(ED)

Course #522A & 522B

2 terms, 1 credit, Elective
Instructor consent required

This course uses curriculum designed by Project Lead the Way. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

PHYSICAL EDUCATION AND HEALTH DEPARTMENT

*Students may complete an additional one-half credit elective in lieu of one-half credit in physical education when they participate in a WIAA-sanctioned sport as part of the system's athletic program. Waiver Form request must be completed.

1. The one-half credit substitution must be beyond the minimum graduation requirements.
2. The student must participate in a WIAA sport, beginning and ending the season in good standing.
3. The student must not be out for more than two weeks for injury or illness during the sport season, unless the injury or illness is validated by a medical professional.
4. The student must not have any athletic code violations for the sport season.
5. The student must be an athlete eligible to compete throughout the duration of the season.

*No more than 2 full credits of physical education classes are allowed and no more than 2 quarters of physical education per school year.

HEALTH

Course #400

1 term, 1/2 credit, Required Grade 9

This class teaches students how to be physically, emotionally, spiritually, and socially healthy. Students will be expected to demonstrate their learning through participation and presentations, as well as through traditional projects and assessments. The class will provide both cognitive and physical experiences. Classroom Health provides students with the information needed to make responsible choices for current and future real-life situations.

RECREATIONAL GAMES

1 term, 1/2 credit

Course #403 or 403RP

This class is designed to teach a variety of movements and sports while increasing knowledge of health and fitness concepts.

PHYSICAL EDUCATION

1 term, 1/2 credit

Course #405

This class is designed to teach a variety of movements and sports while increasing knowledge of health and fitness concepts.

SPORTS PERFORMANCE

1 term, 1/4 credit

Course #406QRP

Sports Performance is a class for students that want to excel further at athletics, increase their knowledge of strength and conditioning, and learn how to continue and evolve their training post-graduation.

PERFORMING, VISUAL AND FINE ARTS

MUSIC THEORY

1 term, 1/2 credit, Elective

Course #800 or 800RP

Grades 11 and 12 with Instructor permission

Pre-requisite: 8 terms of band and/or choir

This course is intended for students who are already prepared with a working knowledge of music notation and show motivation toward understanding the more complex workings of music, including identifying intervallic relationships by sight and sound and elements of voice leading.

HISTORY OF MUSICAL THEATER

1 term, 1/2 credit, Elective

Course #801

Grades 10, 11 and 12

Pre-requisite: 2 terms of band and/or choir

This course is an introduction to the critical study of Western musical theater, including representative composers, works, and significant concepts and issues. Course is open to students who have completed at least two quarters of Choir or Band.

MUSICAL THEATER

1 term, 1/2 credit, Elective

Course #802RP

This course will prepare students for participation in the school musical. We will look at a brief history of theater, then study and practice acting skills, music, stories, staging, choreography, and physical production.

THE HISTORY OF JAZZ

Course #803

1 term, 1/2 credit Elective

Grades: 11 and 12

This course will cover America's Aural Art: Jazz. From its' early stages of Ragtime to its' fusion with Rock and Funk. The Ken Burns Jazz series will be the starting point for this course. This course is open to all that want to learn about jazz.

JAZZ IMPROVISATION

Course #804

1 term, 1/2 credit, Elective

Pre-requisite: Jazz ensemble, band or choir

This course will explore the world of jazz improvisation in depth for the instrumentalist or the vocalist. Students will learn how to construct improvisational musical solos through transcription. Students will also learn how to build a vocabulary out of jazz scales, chords, and phrases. This is a very hands on class with opportunity to practice during the class period.

DISCOVERING GOD THROUGH MUSIC

Course #805

1 term, 1/4 credit, Elective

Discovering God through Music is one quarter elective that focuses on how God has revealed his beauty through the medium of music through time. We begin with sacred music of the medieval period and move throughout all the periods to culminate in the present day. This class is more than just a music appreciation class. We will spend time in prayer and contemplation as we discover the truth, beauty, and goodness of God through music.

CONCERT BAND

Course #810A, 810B, 810C, 810D

1 RP term, 1/4 credit, Elective

Through instruction in this course, the student will understand and apply the elements of music, develop aesthetic awareness and sensitivity through group performance, and be provided with an opportunity for visible success and achievement in the school community

JAZZ ENSEMBLE

Course #811A, 811B, 811C, 811D

1 RP term, 1/4 credit, Elective

Through instruction in this course, the student will become aware of means for creativity and self-expression through jazz improvisation, gain a sense of our history and cultural heritage through the study of jazz rhythm, and be provided with opportunities for visible success and achievement in the school community

CONCERT CHOIR

Course #830A, 830B, 830C, & 830D

1 RP term, 1/4 credit, Elective

Through instruction in this course, students will develop and apply music literacy skills through solfege and sight reading, develop and apply aural skills including intervallic relationships and intonation, know and demonstrate good vocal technique including ensemble unity and healthy vocal production, develop and demonstrate an understanding of music as an art including elements of expression and compositional devices, evaluate and analyze choral music performances including their own, and learn and sing classical choral literature

GENERAL MUSIC

Course # 832

1 term, 1/2 credit, Elective

No prerequisite (do not need to be enrolled in band or choir)

This course is a survey of the history and development of music from the Medieval period to modern day. In this course you will learn about various genres of music and composers from throughout the world. Topics include: church music, symphonies and other orchestral music, opera and musical theater, world music, blues and jazz, and popular music, including rock and roll and rap.

INTRODUCTION TO ART

Course #820

1 term, 1/2 credit, Elective

This Introduction to Art course is a prerequisite for the Drawing and Painting, Ceramics, Metals, and Arts & Crafts courses. Students will review the elements of design introduced in the middle school curriculum with an emphasis on how the elements are used to create the principles of design. Students will create pencil, colored pencil, and marker drawings, watercolor paintings, paper collages, tooled-metal projects, etchings, and linoleum prints. In this course and all that follow students will explore the importance of art in their life and the lives of other people and cultures.

DRAWING AND PAINTING

Course #821 or 821RP

1 term, 1/2 credit, Elective

Pre-requisite: Introduction to Art

This Drawing and Painting course will expand on pencil drawing techniques acquired in Introduction to Art with the introduction of various drawing materials such as charcoal, ink, and pastels. The painting portion of this course will introduce the students to acrylic and oil painting on canvas, with an emphasis on each student discovering his or her unique style. There will be a continued emphasis on the elements and principle of design previously covered in Introduction to Art.

CERAMICS

Course #822

1 term, 1/2 credit, Elective

Pre-requisite: Introduction to Art

This Ceramics course will introduce students to the basic hand-building techniques needed to create clay pieces that embrace form as well as function. After mastering these techniques -- pinch pot, coiling, and slab construction -- students will throw pottery on the potter's wheel. Some of those pieces will be combined with the hand-built techniques to create unique ceramic works of art.

METALS

#823

1 term, 1/2 credit, Elective Course

Pre-requisite: Introduction to Art

This Metals course will introduce students to fabrication, a basic metal-smith technique, with which they will create rings, broaches, bracelets, and pendants. After mastering those techniques, students will explore metal casting to create jewelry and small figurative pieces.

ARTS AND CRAFTS

#824

1 term, 1/2 credit, Elective Course

Pre-requisite: Introduction to Art

This Arts and Crafts course will introduce students to processes and materials which can led to fulfilling life-long activities and hobbies. Projects include stained glass mosaics, glass etching, metal tooling, batik, wood sculptures, paper arts, and more.

VIDEO PRODUCTION

Course #003

1 term, 1/2 credit, Elective
Grades 10, 11 and 12

Prior completion of Introduction to Art is recommended

This course is designed to introduce students to the basics of video editing. This will include developing a storyboard, recording video to the camera, transferring to the computer, simple editing tools, and exporting video to multimedia files and video. In this course, we will use a digital video camera and a digital still camera to make simple video clips. We will use Apple's iMovie software to edit the video, make transitions, and add sounds and music.

VIDEO PRODUCTION II

Course #004

1 term, 1/2 credit, Elective
Grades 10, 11 and 12

Pre-requisite: Video Production I, permission of instructor

This course allows students to further develop their skills and techniques in operating video tools and digital editing equipment. Students will complete significant projects that will enhance and refine the students' ability to use video as a medium of communication.

PHOTOGRAPHY

Course #825

1 term, 1/2 credit, Elective
Grades 10, 11 and 12

Pre-requisite: Introduction to Art

This Photography course introduces students to traditional black and white photography techniques and requires each student to have access to a 35mm camera (these are often available second-hand at thrift shops or a grandparent's home!). They will learn how to compose photos, develop film, and make enlargements from the negatives they have created. Students will also explore digital photography in this course.

AUTOCAD FUNDAMENTALS

Course fee of \$60 required.

Course #826 or 826RP

1 term, 1/2 credit, Elective
Grades 10, 11 and 12

Introduction to CAD will develop basic skills in the area of computer-aided drafting. Auto-CAD 2014 is used to teach the basic CAD commands to make 2D drawings. Topics will include: occupational information, the study of basic CAD commands, and the development of orthographic and isometric drawings of machine parts.

YEARBOOK

Course #106 or 106RP

1 term, 1/2 credit, Elective
Grades 10, 11 and 12

This course introduces students to the various aspects of the yearbook and journalistic techniques/laws. Students will gain knowledge in writing, layout, editing, and production. Also included will be aspects of photography and Photoshop/online editing with the yearbook site. Each student will be expected to actively participate in the production of the yearbook. This requires students to be present at after-school events to take photos, conduct interviews, gather team statistics, etc. Yearbook may be taken more than once in a year with instructor approval. (This course can be used as an English or Arts credit.) **This course does not fulfill the English requirement for some universities.**

ORAL COMMUNICATION

Course #108 or 108RP

1 term, 1/2 credit, Elective
Grade 11 or 12; Grade 10 with teacher approval

Students will learn the basic elements of communication in order to give a successful presentation. Conducting an interview, news broadcasts, and speeches of different types and on various topics will be required. Oral interpretation of prose, poetry, and drama will also be a part of the class. All presentations will be performed for the class. (This class may be used for credit toward English or Arts requirements.)

BUSINESS

ACCOUNTING 1

Course #001

1 term, 1/2 credit, Elective

Accounting 1 provides an understanding of the basic elements of double-entry accounting systems. Accounting is the basis for any college major in business or related areas. Students will learn the accounting equation, the accounting cycle, journal entries, posting to a ledger, and end-of-period fiscal reports for a sole proprietorship.

ENTREPRENEURSHIP

Course #005

1 term, 1/2 credit, Elective

In this introductory business course, students learn the basics of entrepreneurial businesses. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to nurture the entrepreneurial spirit. They learn how to come up with new business ideas, attract investors, and market their business through understanding personality types and best practices. Students hear inspirational stories of teen and local entrepreneurs who have turned their ideas into reality.

PERSONAL FINANCE

Course #007 or 007RP

1 term, 1/2 credit
Graduation Requirement – Grade 11 & 12 or Instructor Approval

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. We will cover these topics: Savings, Investing, Credit, Debt, Financial Responsibility, Money Management, Insurance, Risk Management, Income, and Careers

***This course does not qualify as a Math graduation credit.**

ELECTIVES – FOREIGN LANGUAGE

SPANISH I

Course #900A & 900B

2 terms, 1 credit, Elective

This course will enable students to begin speaking, reading and writing Spanish as well as understanding the spoken language. Key words and phrases, as well as simple grammar are introduced through comprehensible input, to create memorable language acquisition, through immersion in Spanish. Introductory novels, videos, music, current events and a textbook are included in this course. Introduced grammar includes present tense, present progressive tense and the preterite past tense.

SPANISH II

2 terms, 1 credit, Elective

Course #901A & 901B or 901ARP and 901BRP

In this course, students will expand their Spanish skills through higher level Spanish stories, videos, novels, music and the textbook, through comprehensible input and immersion into Spanish. In addition to present tense, grammar includes past tenses, present perfect tense and the present progressive tense. Students will write, discuss, research and debate on topics from the novels.

SPANISH III

2 terms, 1 credit, Elective

Course #902A & 902B

In this advanced class, students will continue expanding Spanish skills through the use of stories, novels, videos and the textbook. Comprehensible input will expand the range of conversation to include student's reactions, predictions and hypothetical responses. In this Spanish immersion environments, students will broaden their knowledge of Hispanic culture and history. Core grammar presented will be present tense, past tenses, present and past perfect tenses, progressive tenses, future and conditional tenses.

*Medical Spanish is a possibility, if there is interest in that direction.

SPANISH IV & SPANISH V

2 terms, 1 credit, Elective

Spanish IV Course #903A & 903B Spanish V

Course #904A & 904B

In this highly advanced class, students will broaden their language skills through discussions, research, and debate on historical and classical novels, videos, stories in Spanish, Hispanic music and art. Complete immersion in Spanish is the goal. Grammar includes the subjunctive mood, and review of all the other tenses.

*Medical Spanish could be made available if there is interest.

LATIN I

2 terms, 1 credit, Elective

Course #910A & 910B

Although the ancient Roman Empire is long gone, Latin, its official language, deeply affected the history and culture of Western Civilization. With the help of the Catholic Church, which adopted Latin as its own sacred language, Latin was preserved and taught throughout the Western World well into the twentieth century as the language of the learned. Even today, whether we know it or not, our lives are surrounded by the vestiges of the Latin language.

Take for example these common abbreviations: A.M. and P.M., A.D. and etc. Or these technical terms: *rigor mortis*, *ad hoc*, *de facto*, or *modus operandi*. Because of Latin's role as the precursor of English as a "universal language," a rudimentary knowledge of Latin is beneficial to the students of almost any modern subject, including science, law, medicine, language studies, not to mention its indispensable role in the life of Christianity itself and the liturgy of the Catholic Church.

This will be a semester-long course with the aim of introducing students to the riches of the Latin language.

Students will learn the basics of the language while getting a grasp on the historical influence Latin has had on our own English language. The course will take a look at the historical context of the Roman Empire in which the language developed and the home it found in the Catholic Church in the wake of the Empire's collapse. Students will be challenged to read and write in Latin, with the goal of being able to read simple historical texts by the course's end.

GENERAL ELECTIVES

SKILLS FORMATION AND DEVELOPMENT

Course #002

1 term, 1/2 credit, Elective
Requirement: teacher recommend

This course may be taken as an elective by students in grades 9 and 10. In some cases students will be enrolled in this course by the administration upon the recommendation of teachers. This course is designed to give students experiences in the following areas: study habits/skills, organizational techniques, time management, or college readiness. Also included in this course are career exploration and personal finance components that allow students to research careers and basic personal finance objectives.

DISCOVERING GOD THROUGH MUSIC

Course #805

1 term, 1/2 credit, Elective
Grade 9, 10, 11, 12

Since the beginning, God has inspired composers to create music. Some of the class will be prayer time, self discovery, and contemplation. The rest of the time I will choose examples of inspired music to analyze and have conversations about.

STUDENT LEADERSHIP

Course #006

1 term, 1/2 credit, Elective
Grade 10, 11, 12
Prerequisite: Band, Choir, or Student Council

This course is dedicated to the development of student leaders who are ready to embrace the challenges of going the extra mile to serve their constituents in a fashion that will advance the given organization to a higher level of efficiency and effectiveness. Students involved in student government, music and / or students that are interested in being leaders in their communities and in their future career may find this class beneficial.

SKILLS FOR SUCCESS AFTER HIGH SCHOOL

Course #008

1 term, 1/2 credit, Elective
Grade 10, 11, 12

The purpose of this course is to successfully prepare students for life after high school. They will learn life skills like: how to change a tire/change oil, cooking, dining etiquette, sewing, and much more. After graduation, the student will feel confident and more prepared for becoming a knowledgeable and independent adult.

COURSE SELECTION OPTIONS 2021-2022

| Course Name | Course Number | Grades Offered | Credit | Terms |
|--|---------------------|-----------------------------------|-----------|----------|
| RELIGION – 4 Credits Required | | | | |
| Religion 9 | 600A & B | 9 | 1 | 2 |
| Religion 10 | 601A & B | 10 | 1 | 2 |
| Religion 11 | 602A & B | 11 | 1 | 2 |
| Christian Vocations | 603 | 12 | .5 | 1 |
| Theology Of The Body | 604 or 604RP | 10, 11, 12 | .5 | 1 |
| Apologetics | 605 | 10, 11, 12 | .5 | 1 |
| Philosophy | 606 | 11, 12 or teacher approval | .5 | 1 |
| Catholic Social Teachings | 617 | 10, 11, 12 | .5 | 1 |
| Analytical Scripture | 608 or 608RP | 10, 11, 12 | .5 | 1 |
| Faith Through Literature & The Arts | 611 | 10, 11, 12 | .5 | 1 |
| Introduction To New Testament Greek | 612 | 11, 12 | .5 | 1 |
| Student Leadership | 006 | 10, 11, 12 | .5 | 1 |
| Service Learning | 609 | 12 | .5 | 1 |
| ENGLISH – 4 Credits Required | | | | |
| English 9 | 101A & B | 9 | 1 | 2 |
| English 10 | 102A & B | 10 | 1 | 2 |
| English 11 | 103A & B | 11 | 1 | 2 |
| Advanced Writing | 104 | 11, 12 | .5 | 1 |
| A.P. English (Literature & Composition) | 105A, B, C | 11, 12 | 1.5 | 3 |
| Yearbook/Newsriting | 106 or 106RP | 10, 11, 12 | .5 | 1 |
| Oral Communication | 108 or 108RP | 11, 12 or teacher approval | .5 | 1 |
| Creative Writing I | 109 | 11, 12 or teacher approval | .5 | 1 |
| Creative Writing II | 110 | 11, 12 or teacher approval | .5 | 1 |
| Advanced Novels | 111 or 111RP | 11, 12 or teacher approval | .5 | 1 |
| British Literature | 112 | 11, 12 or teacher approval | .5 | 1 |
| Advanced Victorian Literature & Culture | 115A & B | 11, 12 or teacher approval | 1 | 2 |
| Real World Literature-Advanced Non-Fiction | 116 or 116RP | 11, 12 or teacher approval | .5 | 1 |
| Read, Write, Relax | 118 | 10, 11, 12 or teacher approval | .5 | 1 |
| AP English Language and Composition | 120A & B | 11, 12 | .5 | 1 |
| SOCIAL STUDIES – 3.5 Credits Required | | | | |
| Western Civilization | 700A & B | 9 | 1 | 2 |
| American History | 704A & B | 10, 11, 12 | 4 | 2 |
| Economics | 707 | 10, 11, 12 | .5 | 1 |
| Geography | 701 or 701RP | 9, 10, 11, 12 | .5 | 1 |
| Psychology | 702 | 10, 11, 12 | .5 | 1 |
| American Government | 703 | 10, 11, 12 | .5 | 1 |
| Post-World War II America | 705 | Pre-Req: American History | .5 | 1 |
| A.P. American History | 706A, B, C, D | 10, 11, 12 w/teacher appr. | 2 | 4 |
| Dictators | 708 or 708RP | 10, 11, 12 | .5 | 1 |
| Current Issues | 709 | 9, 10, 11, 12 | .5 | 1 |
| Sociology | 710 | 10, 11, 12 | .5 | 1 |
| Human Geography | 711 | Pre-Req.: Geography/teacher appr. | .5 | 1 |
| <i>*Civics Test/State Mandated/Graduation Requirement: Pre-req. American Gov. No credit given. 100 questions/60 correct to pass.</i> | | | | |
| MATH – 3 Credits Required | | | | |
| Basic Algebra | 300A & B | 9, 10, 11, 12 | 1 | 2 |
| Algebra I | 301A & B | 9, 10, 11, 12 | 1 | 2 |
| Geometry | 302A, B | Pre-Req.: Algebra I | 1 | 2 |
| Algebra II | 303A, B | Pre-Req.: Algebra I | 1 | 2 |
| Trigonometry | 304 | Pre-Req.: Algebra II & Geometry | .5 | 1 |
| Pre-Calculus | 305A, B | Pre-Req.: Algebra 2 & Trig. | 1 | 2 |
| A.P. Calculus | 306A, B, C | Pre-Req.: Pre-Calc. & Trig. | 1.5 | 3 |
| A.P. Probability & Statistics | 307 | Pre-Req.: Algebra II | .5 | 1 |
| Consumer Mathematics | 308 or 308RP | Pre-Req.: Algebra I | .5 | 1 |

| SCIENCE – 3 Credits Required | | | | |
|--|----------------|---------------------------------------|-----------|----------|
| Science 9 | 500A, B | 9 | 1 | 2 |
| Biology | 501A, B | Pre.-Req.: Science 9 | 1 | 2 |
| Chemistry | 502A, B | Pre.-Req.: Biology | 1 | 2 |
| Physics | 504A, B | Pre.-Req.: Alg. 2, Chem., Trig. | 1 | 2 |
| A.P. Biology | 505A, B, C | Pre.-Req.: Biology & Chemistry | 1.5 | 3 |
| Earth & Space Science | 506 | Pre.-Req.: Science 9, Geom./Bio. | .5 | 1 |
| Human Anatomy & Physiology | 507 | Pre.-Req. or Concurrent: A.P. Bio. | .5 | 1 |
| Ecology | 511 | Co-Req.: Biology/10, 11, 12 | .5 | 1 |
| PLTW: Principles of Biomedical Science | 520A, B | Co-Req.: Biology/10, 11, 12 | 1 | 2 |
| PLTW: Human Body Systems | 521A, B | Pre.-Req.: Pri. Bio. Med./10, 11, 12 | 1 | 2 |
| Introduction to Engineering Design | 522A, B | Instructor Approval Only | 1 | 2 |
| PLTW: Principles of Engineering | 523A, B | Pre.-Req.: Algebra 1 and Geom. | 1 | 2 |
| A.P. Environmental Science | 524A, B | Pre.-Req.: Science 9/10, 11, 12 | 1 | 2 |
| A.P. Chemistry | 525A, B | Pre.-Req.: Chem, Alg. II/10, 11, 12 | 1 | 2 |
| Medical Terminology | 526RP | Pre.-Req.: Biology/10, 11, 12 | .5 | RP |
| PHYSICAL EDUCATION – 1.5 Credits Required | | | | |
| Health | 400 | 9 | .5 | 1 |
| Recreational Games | 403 or 403RP | 9, 10, 11, 12 | .5 | 2 |
| Physical Education | 405 | 9, 10, 11, 12 | .5 | 1 |
| PERFORMING, VISUAL & FINE ARTS – 2 CREDITS REQUIRED | | | | |
| Music Theory | 800 or 800RP | 11, 12 w/Instr. Permission | .5 | 2 |
| History of Musical Theater | 801 | Pre.-Req.: 2 Terms Band/10, 11, 12 | .5 | 1 |
| The History of Jazz | 803 | 11, 12 | .5 | 1 |
| Jazz Improvisation | 804 | Pre.-Req.: Jazz Ens./Band/Choir | .5 | 1 |
| Concert Band | 810A, B, C, D | 9, 10, 11, 12 | .25 | RP |
| Jazz Ensemble | 811A, B, C, D | 9, 10, 11, 12 | .25 | RP |
| Concert Choir | 830A, B, C, D | 9, 10, 11, 12 | .25 | RP |
| Show Choir/Vocal Ensemble | 831A, B, C, D | 9, 10, 11, 12 | .25 | RP |
| General Music | 832 | 9, 10, 11, 12 | .25 | RP |
| Introduction To Art | 820 | 9, 10, 11, 12 | .5 | 1 |
| Drawing & Painting | 821 or 821RP | Pre.-Req.: Intro To Art/9, 10, 11, 12 | .5 | 1 |
| Ceramics | 822 | Pre.-Req.: Intro To Art/9, 10, 11, 12 | .5 | 1 |
| Metals | 823 | Pre.-Req.: Intro To Art/9, 10, 11, 12 | .5 | 1 |
| Arts & Crafts | 824 | Pre.-Req.: Intro To Art/9, 10, 11, 12 | .5 | 1 |
| Photography | 825 | Pre. Req: Intro To Art/10, 11, 12 | .5 | 1 |
| Video Production | 003 | Pre.-Req.: Intro To Art/9, 10, 11, 12 | .5 | 1 |
| Video Production II | 004 | Pre.-Req.: Video Prod. I/Instr. Per. | .5 | 1 |
| Photography | 835 | Pre.-Req.: Intro To Art/10, 11, 12 | .5 | 1 |
| Auto-Cad Fundamentals | 826 or 826RP | 10, 11, 12 | .5 | 1 |
| Yearbook | 106 or 106RP | 10, 11, 12 | .5 | 1 |
| Oral Communication | 108 or 108RP | 11, 12 or teacher approval | .5 | 1 |
| BUSINESS - .5 Credits Required | | | | |
| Personal Finance | 007 | 9, 10, 11, 12 | .5 | 1 |
| Accounting I | 001 | 9, 10, 11, 12 | .5 | 1 |
| Entrepreneurship | 005 | 9, 10, 11, 12 | .5 | 1 |
| FOREIGN LANGUAGE ELECTIVES | | | | |
| Spanish I | 900A, B | 9, 10, 11, 12 | 1 | 2 |
| Spanish II | 901A, B or RP | 9, 10, 11, 12 | 1 | 2 |
| Spanish III | 902A, B | 9, 10, 11, 12 | 1 | 2 |
| Spanish IV | 903A, B | 9, 10, 11, 12 | 1 | 2 |
| Spanish V | 904A, B | 9, 10, 11, 12 | 1 | 2 |
| Latin I | 910A, B | 9, 10, 11, 12 | 1 | 2 |
| GENERAL ELECTIVES | | | | |
| Skills Formation & Development | 002 | Teacher Recommended | .5 | 1 |
| Student Leadership | 006 | Pre.-Req.: Band/Choir/St. Council | .5 | 1 |
| Skills For Success After High School | 008 | | .5 | 1 |
| Discovering God Through Music | 805 | | .5 | 1 |