

Ladywood High School

Mission Statement

Ladywood High School is a Catholic, college preparatory school sponsored by the Felician Sisters following the Franciscan tradition. We are a community of administrators, faculty, staff, parents/guardians, and students who witness Christ to the world through the pursuit of knowledge, the understanding of Truth, and by our actions of Service to society.

Academic Policies

A complete description of each course offered at Ladywood High School is contained in this Course Curriculum Guide. All students must be full-time students at Ladywood and must take a minimum of seven classes each semester. Students may not be enrolled in more than one of the following per semester: office aide, teacher assistant, or study hall. Parents and students are encouraged to read and utilize this information to make informed choices about course offerings for the following school year in light of future goals, academic readiness, and graduation requirements.

Scheduling Process

Students are encouraged to talk to their teachers and their counselors to gain an understanding of the courses available, their ability to handle the course work, and their standing in relation to graduation requirements. Students and parents should discuss future goals and areas of interest when choosing classes they think would be most beneficial in meeting these goals. Teachers will recommend course placement based on compliance with prerequisites and standardized test scores in addition to student achievement. Student worksheets, with a parent signature, must be turned in by the designated return date. Students who turn in late or incomplete worksheets will jeopardize their chance to receive their first choice course requests since they will be scheduled at a later date. Once worksheets are collected, entered, and verified, schedules are sent home for confirmation. If a parent wishes his/her daughter to be placed in a course that she has not received a recommendation to enroll, an academic waiver slip must be filled out and turned in with the course registration form. Waivers are available in the Guidance Department. If an insufficient number of students request a course, the course will be dropped. In this case and when classes are full, the Dean of Students and counselors will look for an alternate course to complete a student's schedule. Ladywood will allow students to change a class with the approval of the Head of School, Dean of Students, counselors, teachers, and parents, within a limited time frame to accommodate placement in the accurate level of a class. In this case, the change can only occur if there is a space in the new class.

Christian Service Program

The Christian Service Program is designed to help students of Ladywood become a people of compassion and knowledge, a people committed to justice and a people for others. During their four years at Ladywood, students will complete a minimum of eighty-five hours of service to the community and the world.

- Requirements:
 - Freshmen: 15 hours
 - Sophomores: 20 hours
 - Juniors: 25 hours
 - Seniors: 25 hours

Admission to College

Ladywood High School is accredited by the North Central Association (AdvancEd) of Colleges and Secondary Schools and the National Catholic Education Association. Credits earned at Ladywood are recognized at any college in the United States. However, being accepted to the University of your choice depends upon many things. Among these considerations are the following:

1. Whether or not you meet all the basic entrance requirements such as the combination of subjects taken, level of scholastic achievement, and acceptable entrance examination scores.
2. Your personal qualifications such as your participation in sports, clubs, service activities, and your leadership and character.
3. Whether or not you submit your application materials on time.

To get into the college of your choice, it is essential that you start planning early enough to meet all subject and grade requirements. Guidance should be sought from parents, counselors, and teachers.

Curriculum Requirements for Graduates

All students must carry a minimum of 7.0 credits per year. Successful completion of these minimum requirements is necessary for grade placement and/or graduation.

Graduation from Ladywood requires successful completion of at least 26.00 credits, which must include the following:

- 4.00 credits in Theology**
- 4.00 credits in English**
- 4.00 credits in Mathematics**
- 3.00 credits in Social Studies (Global Studies, American History, Economics, and Government)**
- 3.00 credits in Science (Biology, Chemistry or Physics, and one additional science credit)**
- 1.00 credit in Physical Education and Health**
- 1.00 credit in Fine Arts (Music/Art/Drama)**
- 1.00 credit in Computer Technology**

2.00 credits in World Language grades K-12 (Beginning with the class of 2016)
5.00 credits in electives

In order to confirm acceptance for an Advanced Placement course, students must have a 3.5 G.P.A. and/or permission from the department chairperson. Students must also attend a mandatory meeting covering rules and commitments regarding Advanced Placement courses.

Online learning experiences are offered upon a student's request. Students registered in these courses assume all associated responsibilities including financial obligations.

Technology Department

The mission of the Ladywood Technology Department is to build a solid foundation in technology skills that will prepare the student for post-secondary study, entry level business career, or general knowledge in adherence with the mission of Ladywood High School.

Computer Applications I (formerly Intro to Microsoft Office)

Grades: 9, 10

Course Number: 650

Credit: 0.5

This course is designed to teach students fundamental technology skills. The students acquire word processing skills needed to efficiently produce professional quality documents. Proofreading skills will be stressed. The students will use Office 365 to organize and store documents in a cloud environment. Principles of digital citizenship will be introduced and students will be expected to apply these principles when using technology outside of the classroom experience.

Computer Applications II (formerly Microsoft Office I)

Course Number: 653

Grade Level: 9-11

Credit: 0.5

The primary objective of this course is to acquaint students with the proper procedures to create spreadsheets, databases, and presentations suitable for course work, professional purposes, and personal use. This exercise-oriented approach allows students to learn by example and hands-on assignments, and it encourages independent study. Students will continue to work with Office 365 and apply principles of digital citizenship throughout the course. Prerequisite: Computer Applications I

Web Page Design

Grade Level(s): 9, 10, 11, 12

Course Number(s): 657

Credit(s): 0.5

This course will enable students to create web pages for the Internet using Microsoft Expression Web and perform desktop publishing tasks using Microsoft Publisher. The students will be introduced to HTML (Hypertext Markup Language). There will also be opportunities for

creating original web pages. Web design topics covered will include website planning and design and creating web pages with hypertext links, backgrounds, images, image maps, and cascading style sheets. Desktop publishing tasks will include layout and graphic design of letterheads, newsletters, business cards, brochures, and advertisements.

Prerequisite: Computer Applications I

Introduction to Digital Media

Grade Level(s): 9, 10, 11, 12

Course Number(s): 907

Credit(s): 0.5

Introduction to Digital Media is a course designed to concentrate on digital photography with an emphasis on editing. Students will be introduced to fundamental photographic principles, terminology, and equipment. Students will learn a wide range of basic features to more advanced features using the software. These topics will include formatting, cropping, adjusting brightness and contrast, modifying color, rotating, using selection tools, working with layers, retouching, modifying selected parts of a photo, adding text, and using filters.

Students will demonstrate mastery of skills and knowledge through written work, tests, and a variety of assignments and projects. Students will be expected to complete online assignments, maintain a photo journal and notebook, research assigned topics, give presentations, complete photo assignments/projects, participate and share in reflection sessions, and turn in a final portfolio.

Computer Programming

Course Number: 652

Grade Level: 10. 11. 12

Credit: 0.5

Students will be introduced to computer programming using Alice, a 3-D programming language that allows students to produce animation for creating applications, interactive games, or making videos to share on the web. It uses 3D graphics and a drag-and-drop interface to facilitate a more engaging programming experience. Students will be introduced to variables, functions, strings, arrays, decision structures, repetition structures (loops) and object oriented, event driven concepts.

Prerequisite: Computer Applications I and II

Yearbook I (Elective Only)

Grade Level(s): 10, 11, 12

Course Number(s): 061

Credit(s): 0.5

This class is a hands-on, workshop course designed for students to learn the necessary skills to produce a school yearbook. Techniques included are page and layout design; writing copy, captions, and headlines; photography; and conducting a successful business campaign to obtain yearbook sales and sponsors. Students must have the approval of their current English teacher attesting to the fact that they are self-motivated and task-oriented. Students should expect to allocate time after school hours to cover school events and complete pages. Deadlines are crucial in this class and will affect grades.

Yearbook II (Elective Only)**Grade Level(s): 11, 12****Course Number(s): 062****Credit(s): 0.5**

This class is a continuation of Yearbook I with the completion of the yearbook as its goal. Responsibilities include organizing sections of the yearbook, editing and proofreading pages submitted to the publisher, and distributing the finished book. Students should expect to spend time outside of class to gather information, attend school events for coverage, and complete pages for deadline. The deadlines are crucial and will affect grades.

Yearbook III (Elective Only)**Grade Level(s): 11, 12****Course Number(s): 063****Credit(s): 0.5**

This class is a continuation of Yearbook II with the goal being the completion of the yearbook. Students will be responsible for finishing layouts of spring activities and events. They will also edit and proof the final pages before submission to the publisher. Students should expect to spend time gathering information outside of class, attending school events for coverage, and meeting deadlines, all of which will affect grades.

Yearbook IV (Elective Only)**Grade Level(s): 12****Course Number(s): 064****Credit(s): 0.5**

This class is a continuation of Yearbook III with the goal being the completion of the yearbook. Students will be responsible for finishing layouts of spring activities and events. They will also edit and proof the final pages before submission to the publisher. Students should expect to spend time gathering information outside of class, attending school events for coverage, and meeting deadlines, all of which will affect grades.

Computer Lab Assistant**Grade Level(s): 12****Course Number(s): 660****Credit(s): 0.5 (Pass/Fail)**

This opportunity is designed for the motivated student who wishes to further her knowledge of computers and computer applications. The student will assist the instructor in completing various tasks required for maintaining the computer lab as well as the class itself. The student will be required to help other students with application questions and should be able to answer formatting questions. The student is also responsible for keeping a daily log of all activities completed.

Prerequisite: Head of School approval-Please provide a letter to the Head of School if you are interested in this Departmental Assistantship.

The mission of the Ladywood Business Department is to build a solid foundation in business principles that will prepare the student for post-secondary study, entry level business career, or general knowledge in adherence with the mission of Ladywood High School.

Business Principles (formerly Intro to Business)

Grade Level(s): 10, 11, 12

Course Number(s): 632

Credit(s): 0.5

This course is intended to introduce students to the world of business. Topics include entrepreneurship, the structure of business organizations, and basic business functions such as accounting, finance, management, human resources and marketing, international business, and the stock market. The course also covers international business and the stock market. Students will also be introduced to various careers in business. The class is designed to be helpful to students as individuals and as background for future business courses.

Accounting I – Basic Topics

Grade Level(s): 10, 11, 12

Course Number(s): 605

Credit(s): 0.5

Accounting I introduces students to the introductory principles of accounting and provides students with a solid foundation for understanding personal and business financial transactions. Students will learn accounting principles and procedures required to complete the entire accounting cycle for a service business organized as a sole proprietorship. They will record various transactions and prepare financial reports. Automated accounting is also introduced using QuickBooks to supplement each chapter.

Accounting II

Grade Level(s): 10, 11, 12

Course Number(s): 606

Credit(s): 0.5

This course is a continuation of Accounting I. Students will learn accounting principles and procedures related to completing the entire accounting cycle for a merchandising business, determining gross profit and cost of goods sold, and recording transactions in special journals. This course includes recording employee and employer payroll transactions and the production of payroll reports. Automated accounting using QuickBooks is continued throughout this course. Prerequisite: Accounting I

English Department

The English Department at Ladywood has created a sequence of courses grounded in the goals of having students write comfortably and confidently, read widely for both pleasure and information, and think critically about ideas placed before them. Through a classic curriculum, students will be challenged to achieve high classroom expectations and build a highly developed structure of knowledge that will accompany them throughout their lives. Each course will present the course material through a variety of technologies to accommodate all student

learning styles and in keeping with the Felician Core Values of Respect for Human Dignity, Compassion, Transformation, Solidarity with the Poor, and Justice and Peace.

Language and Literature

Grade Level(s): 9

Course Number(s): 013/014

Credit(s): 1.0

This course is intended to provide students with a solid foundation that will help them respond to literature in personal, analytical, and creative ways. Students will read a wide variety of genres and explore numerous writing styles and techniques. This class focuses on basic writing and research skills, literary analysis, grammar review, vocabulary improvement, and formal and informal presentations.

Accelerated Language and Literature

Grade Level(s): 9

Course Number(s): 017/018

Credit(s): 1.0

This course is intended for students who already possess a strong background in English. They will continue to develop their skills and respond to literature in both critical and creative ways. A wide variety of genres and writing styles will be explored. The class moves at a fast pace, with a strong emphasis on reading and writing. This class focuses on writing and research skills, literary analysis, grammar review, vocabulary improvement, and formal and informal presentations.

Comp/Lit and Speech

Grade Level(s): 10

Course Number(s): 027/028

Credit(s): 1.0

The purpose behind the Comp/Lit and Speech class is threefold. The purpose of the literature portion of this class is to further expose students to different genres of literature within the British Literature format. Themes and structures within these different works will be examined and discussed. Also, a variety of writing and presentational formats pertinent to the discussion of literature will be examined and used. Vocabulary and grammar review will be used to build stronger writing and presentation skills. The purpose of the composition portion of this class is to familiarize the students with a variety of writing styles pertinent to the communication of ideas. And finally, the purpose of the speech portion of this class is to introduce the students to the components of communication to assist them in preparation: selecting a topic, researching, organizing, and delivering, for a variety of speaking situations to build confidence and assist the students in dealing with the physical sensations associated with stage fright in order to build stronger presentational skills.

Accelerated Sophomore English

Grade Level(s): 10

Course Number(s): 020/22

Credit(s): 1.0

Accelerated British English is an in-depth genre course with an emphasis on rhetoric and composition skills. Students also analyze British literature through discussion and write in

response to the literature. Literary terms, devices, and the author's individual style are examined. The modes of writing, writing techniques, literary analysis, and the expository essay are taught. In addition, active listening, speech preparation, and oral presentation are taught with an emphasis on research, organization, and presentation as major goals. Vocabulary skills are taught in conjunction with the readings.

American Literature

Grade Level(s): 11

Course Number(s): 035/036

Credit(s): 1.0

American Literature is the study of a variety of genres by diverse authors from the early settlement of America to the present. Students will respond to the texts both critically and creatively. Students will write a number of responses and literary analysis essays. This course also includes a research paper to be completed, using a topic directly connected to American Literature with the purpose of offering the student the opportunity for intense study within the confines of the curriculum. Students will use technology to read texts, write responses, engage in discussions, complete activities, and conduct research. Outside reading of novels and plays by American authors and playwrights is also required.

Accelerated American Literature

Grade Level(s): 11

Course Number(s): 037/038

Credit(s): 1.0

Accelerated American Literature is intended to increase the student's appreciation of American Literature by moving at a faster pace. Students will study a variety of genres from the early settlement of America to present. In the accelerated course, students will go far beyond the comprehension level into analysis, synthesis, and evaluation. Students will be encouraged to not only read their texts, but also "work" their texts for deeper understanding. Thus, students will write analytical essays and critical responses. This course also includes the writing of a longer research paper. Students will choose a topic that will offer them the opportunity to learn the writing process involved in writing the research paper. Students will use technology to read texts, write responses, engage in discussions, complete activities, and conduct research. Outside reading of novels and plays by American authors and playwrights is also required.

AP English

Grade Level(s): 12

Course Number(s): 045/046

Credit(s): 1.0

This course is a college-level course in literature offered to students who have both a solid aptitude and interest in English. Students will study a wide variety of literature and respond to it in creative and critical ways. Literary analysis, essay writing, and discussion are strongly emphasized. Students will also prepare for the Advanced Placement English and Literature Exam given in the spring of each year.

Prerequisite: 3.5 G.P.A. in English class and English Department approval.

Mythology

Grade Level(s): 11, 12

Course Number(s): 024

Credit(s): 0.5

Mythology is the study of classical Greek and Roman myths. Some Norse and world myths may be incorporated. Emphasis will be placed on students developing an analytical and interpretive approach to mythology. Students will compare the values, traditions, and beliefs of past societies to one another and to today's world during their examinations of the myths. They will have the opportunities to explore the imaginations of past storytellers and to foster their own creativity. Reading selections will include Hesiod's *The Theogony*, *Homeric Hymns*, Tales of Pre-Trojan War Heroes, Homer's *The Iliad* and *The Odyssey*, and Virgil's *The Aeneid*. The students will be able to use their knowledge of mythology to identify allusions in and to further study literature, poetry, drama, history, and art.

College Writing -Portfolio

Grade Level(s): 11, 12

Course Number(s): 047

Credit(s): 0.5

This course is designed for students who are preparing for college and the demands of college writing. Over the course of the semester, the students will examine and practice various kinds of writing, formal and informal. They will explore a variety of topics through the following types of writing: definition, comparison and contrast, essay-question responses from the textbook, analysis, and argumentative. In addition, they will write imaginatively, such as narrative. Students will also be exposed to and required to analyze a variety of media sources, such as Internet, movie, music, and literature. Peer response and peer evaluation will be an integral part of this writing workshop and the learning that is done. Students will, consequently, be sharing their writing regularly.

Poetry and the Short Story

Grade Level(s): 11, 12

Course Number(s): 040

Credit(s): 0.5

This course focuses on the study of poetry and short stories. Students will examine a wide variety of both genres, both as a reader and writer. Creative and critical writing as well as literary analysis are strong components.

Women in Literature

Grade level(s): 11, 12

Course Number: 012

Credit: 0.5

This course is designed to celebrate the writings of female authors throughout history. It will focus on the portrayal of women and how it has been affected historically and geographically affecting their individual writing styles. The students will discuss the struggles of women throughout history and the current issues today. The students will see how our gender identities and roles have been altered throughout different literary movements and in different cultures. Students' writings will focus on the research and discussion of gender roles throughout history, women's issues and concerns, response to themes and the overall text, and other formal writing

assignments. Students will perform these tasks while reading a variety of genres: poems, short stories, novels, autobiographies, and essays.

English Assistant

Grade Level(s): 12

Course Number(s): 059

Credit(s): 0.5 (Pass/Fail)

The English assistant works closely with the instructors in the English department. Duties include typing handouts and worksheets, running errands, and providing general assistance. Clerical and computer skills are helpful. The student is also required to keep a daily log of activities completed.

Prerequisite: Need Head of School approval. Please provide a letter to the Head of School for this Departmental Assistantship.

Fine Arts
Art Department

The Art Department seeks to immerse students in both the technical as well as creative dimensions of multiple media. Developing skills as well as creative insight and critical abilities, each course builds upon its precursor by introducing students to artistic theories, historical examples, multiple materials, and an emerging personal and social artistic vision. Technology is used every day in art and ceramics. Students are required to do research and acquire resource images for all of their projects. Students are also exposed to emerging technologies, such as the 3D printer.

Beginning Art

Grade Level(s): 9, 10

Course Number(s): 106/107

Credit(s): 1.0

Beginning Art is a two-semester course that fulfills the one credit graduation requirement for arts and humanities. This course offers an introduction to art history and a comprehensive full year studio experience. Students explore drawing, painting, and sculpture through a series of classroom projects. Critical thinking and conceptual development are emphasized in this college preparatory studio experience. Art I is the prerequisite for all Ladywood High School upper level art courses.

Intermediate Art

Grade Level(s): 10, 11, 12

Course Number(s): 108/109

Credit(s): 1.0

This course will emphasize the meaning in art. Students will have the opportunity to express themselves through paint, photography, drawing, collage and using appropriate images and objects to create art work that has a narrative.

Advanced Art

Grade Level(s): 11, 12

Course Number(s): 110/111

Credit(s): 1.0

This course offers students the opportunity to independently develop their own work; many projects will be self-determined with individual instruction. Students will master painting and drawing while using photography and graphic design.

AP Studio Art

Grade Level(s): 12

Course Number(s): 151/152

Credit(s): 1.0

This course is open to qualified seniors who want to major or minor in art at the college level. This is a two-semester college course. Students are required to submit a complete portfolio in May to the Advanced Placement College Board for final credit. Students must have permission of the instructor.

Ceramics I

Grade Level(s): 10, 11, 12

Course Number(s): 139

Credit(s): 0.5

This is an introductory course that explores using clay in simple hand-building techniques. The student will be able to correct glazing and under-glazing methods using a wide range of projects.

Ceramics II

Grade Level(s): 10, 11, 12

Course Number(s): 140

Credit(s): 0.5

Ceramics II continues hand-building techniques with different clay bodies, glazes, and under glazes. The student will be able to explore personal style and creativity building a wider range of projects.

Ceramics III

Grade Level(s): 11, 12

Course Number(s): 142

Credit(s): 0.5

Ceramics III is an advanced course and is designed to further develop technical and creative skills in clay. The students will have an opportunity to work with different clay bodies and decorative glaze methods. There may be opportunities to work on the wheel. In this course students will explore the historical and contemporary ceramics, principles of 3D design, and advanced building techniques.

Ceramics IV

Grade Level(s): 11, 12

Course Number: 114

Credit: 0.5

This course will emphasize development of ideas, advanced hand building techniques, working with a clay extruder, wheel throwing, glass fusing, and glass slumping. Students will also learn about alternative firing techniques such as pit firing.

Ceramics V

Grade Level(s): 11, 12

Course Number: 116

Credit: 05

Students will create a set of projects based on a type/style of pottery they would like to explore. Examples could be wheel throwing, abstract sculpture, alternative firing processes, slip trailing, 3D printing and ceramics, mold making. The course is designed for advanced students who can work on projects independently and critically evaluate their own work and make adjustments to their projects.

Art Assistant

Grade Level(s): 12

Course Number(s): 105

Credit(s): 0.5 (Pass/Fail)

The art assistant is responsible for preparing materials for lessons, matting projects, and setting up equipment. The assistant is also responsible for the general maintenance of the art studio.

Prerequisite: Head of School approval-Please provide a letter to the Head of School for this Departmental Assistantship.

Performing Arts

The Music and Theatre Departments at Ladywood seek to stimulate musicianship and to enrich students' lives through a greater appreciation of the role of music and acting in society and in life. Students are encouraged to challenge themselves to learn how to perform on some level of musical proficiency whether that be through the acquisition of instrumental skills or through formal training in singing and acting.

Angelic Chorale I, II, III, IV

Grade Level(s): 9, 10, 11, 12

Course Number(s): I- 169/170, II- 171/172, III- 176/177, IV- 178/179

Credit: 0.5

This course is a study in vocal/choral music performance. The class is designed to provide students who have had some experience in vocal music performance with opportunities for enjoying music and sharing their talents through performances. It aims to develop vocal range and correct habits of breath control, phrasing, and interpretation through the fundamentals of voice training. The student is expected to participate in daily class work, occasional extra rehearsals, and scheduled performances. As the years progress, the students will demonstrate skills in vocal sight-reading and knowledge of general music theory. Students sing at choral festivals and are encouraged to perform at solo & ensemble festivals.

Concert Orchestra I, II, III, IV

Grade Level(s): 9, 10, 11, 12

Course Number(s): 181/182, 183/184, 185/186, 187/188

Credit(s): 1.0

The orchestra performs classical and popular music and is open to all interested students who have some experience playing string, wind, brass, and percussion instruments. Emphasis is placed on ensemble playing, control technique, expression, music theory, rhythm, and sight-reading. Interested students are encouraged to prepare and perform at solo & ensemble festivals. Attendance at all concerts and additional performances is a requirement of the course. Private lessons are highly recommended.

Theatre Arts I

Grade Level(s): 9, 10, 11, 12

Course Number(s): 069

Credit(s): 0.5

This course is designed as an introduction to theatre as an art form. Students will learn theatre history and study influential playwrights and their work. Acting techniques such as improvisations, pantomime, and character study will be explored as well as basic playwriting and production. Students will also see live theatrical performances.

Theatre Arts II

Grade Level(s): 9, 10, 11, 12

Course Number(s): 070

Credit(s): 0.5

This is a course designed for students who have successfully completed Theatre Arts I and wish to further pursue their interest in theatre. Various acting techniques and playwriting will be explored in greater depth. Monologues, scenes, one acts, and musical selections will be used to develop skills as well as provide opportunities for public performances. The technical components of theatre will be introduced including lights, sound, and design. Students will also see live theatrical performances.

Theatre Art III

Grade Level(s): 10, 11, 12

Course Number(s): 067

Credit(s): 0.5

This is designed as an advanced course for students who have a serious interest in theatre. Topics include acting, technical work, production, playwriting, dramaturgy and directing. Students are required to participate in class projects and productions, as well as see live theatrical performances. Prerequisite: Theatre Arts I and II

Theatre Art IV

Grade Level(s): 10, 11, 12

Course Number(s): 068

Credit(s): 0.5

This is designed as an advanced course for students who have a serious interest in theatre. Topics include acting, technical work, production, playwriting, dramaturgy and directing. Students are required to participate in class projects and productions, as well as see live theatrical performances.

Theatre Apprentice

Grade Level(s): 11, 12

Course Number(s): 077

Credit(s): 0.5

This course is intended for students who wish to further explore the technical aspects of theatre. Students will assist with the school play productions, helping with backstage and behind-the-scenes work. Assignments will be designed around lighting, sound, make-up, costume design and wardrobe, set design and construction, publicity and business management, stage management, producing, and directing. Independent projects and activities will also be included. Students will also see live theatrical performances.

Prerequisite: Departmental Approval and successful completion of Theatre Arts I and II.

Mathematics Department

The Mathematics Department believes that every student should be provided with the opportunity to enhance and develop mathematical skills and concepts. We believe that mathematics is vital to the development of thinking, questioning minds. We strive to create a program that is challenging, exciting, and driven by student needs. We hope that every student will be able to apply mathematics to the challenges encountered after high school and will be able to use mathematics to solve real-world problems. We strive to make students aware that discipline and hard work are as important as ability in the study of math.

Algebra I

Grade Level(s): 9

Course Number(s): 215/216

Credit(s): 1.0

This course will cover the topics of the average first year algebra course. These topics will include the real number system and its properties, methods for solving equations, factoring polynomials, graphing, problem solving, and the quadratic formula.

Accelerated Algebra/Geometry

Grade Level(s): 9

Course Number(s): 209/210

Credit(s): 1.0

This course is an intensive study of Algebra I and Geometry to be covered in one school year. The topics to be covered will include the real number system and its properties, methods of solving equations, factoring, polynomials, graphing, and problem-solving. In Geometry, the topics will include spatial relationships as well as inductive and deductive reasoning, the axiomatic system, formal proof, plane and solid geometry, including lines, angles, triangles, polygons, circles, coordinate geometry, and an overview of trigonometry with the study of right triangles. A strong background in Algebra I is recommended.

Prerequisite: Recommendation.

Geometry

Grade Level(s): 10

Course Number(s): 225/226

Credit(s): 1.0

This course is a detailed study of spatial relationships. The student will learn inductive and deductive reasoning. The axiomatic system will be studied, and formal proofs will be covered in this course. Plane and solid geometry will be studied as well as lines, angles, triangles, polygons, circles, and coordinate geometry.

Algebra II

Grade Level(s): 10, 11

Course Number(s): 235/236

Credit(s): 1.0

Algebra II is a detailed study of the structure of the real and complex number systems. This course will include a study of functions, polynomials, exponential and logarithmic functions, trigonometric functions, conic sections, sequences and series, and the Binomial Theorem.

Algebra II A/Algebra II B

Grade Level(s): 11, 12

Course Number(s): 231/232, 233/234

Credit(s): 1.0, 1.0

This course covers the same material as Algebra II over a two year period. This course is recommended for those students with an overall average of C + or less in math.

Prerequisite: Departmental Recommendation.

Accelerated Algebra II

Grade Level(s): 10

Course Number(s): 237/238

Credit(s): 1.0

This course covers the topics of Algebra II more extensively and in greater depth. It includes the study of the structure of the real and complex number systems, functions and relations, polynomials, exponential and logarithmic functions, conic sections, sequences and series, the Binomial Theorem, matrices, and trigonometric functions and their graphs.

Prerequisite: Departmental Recommendation.

Pre-Calculus with Trigonometry

Grade Level(s): 11, 12

Course Number(s): 245/246

Credit(s): 1.0

This course is designed to prepare the student for the study of Calculus. This course will include a detailed study of polynomial functions, exponential and logarithmic functions, and trigonometric functions. Conic sections, polar coordinates, complex numbers, and advanced graphing techniques will also be studied. The course will also include an introduction to limits and derivatives.

Prerequisite: Algebra II with a grade of "B" or better and Departmental Recommendation.

Probability and Statistics I

Grade Level(s): 11, 12
Course Number(s): 253
Credit(s): 0.5

This course is designed to introduce the student to probability and statistics. Probability experiments will be performed. Descriptive and inferential statistics will be studied. Normal distributions, percentiles, and graphs are covered. This course will also use the computer to generate statistical studies.

Probability and Statistics II

Grade Level(s): 11, 12
Course Number(s): 254
Credit(s): 0.5

This course is designed to follow Statistics I. The course will pick up where Statistics I left off. Sampling distributions, sample estimation, and hypothesis testing for large and small samples are covered. This course will also use the computer to generate statistical studies.

Prerequisite: Probability and Statistics I.

Differential Calculus

Grade Level(s): 11, 12
Course Number(s): 241/242
Credit(s): 1.0

This course is designed to strengthen the student's background of fundamental mathematical concepts and to give her exposure to the basic topics of Calculus. This course will not prepare the student to take the Advanced Placement Calculus Exam. It is designed to prepare the student for College Calculus.

Prerequisite: Pre-Calculus or Accelerated Algebra II with a minimum grade of "B" and Departmental Recommendation.

AP Calculus

Grade Level(s): 12
Course Number(s): 255/256
Credit(s): 1.0

This course will contain, but is not limited to the following topics: Polynomial functions, transcendental functions, algebraic functions, limits, derivatives and integrals. The applications of these topics such as curve sketching will also be studied. The students will be required to take the Advanced Placement Calculus AP exam.

Prerequisite: 3.5 G.P.A. and Departmental Recommendation.

World Language

The study of languages unfamiliar to students seeks to enrich a cultural knowledge and the linguistic understanding of the world. In addition, language acquisition adds an understanding of the structures and richness of a student's native language as students explore ways of communicating, which are very different than their own. As understanding increases, students are challenged to read, write, and converse in order to demonstrate proficiency in their chosen

language(s) of study. Students are encouraged to select a language that will challenge their abilities as well as spark their interest.

French I

Grade Level(s): 9, 10

Course Number(s): 721/722

Credit(s): 1.0

This course is an introduction to the French language through vocabulary, grammar, and culture. Students will be able to use the language appropriately in basic oral and written communication. Students will extract meaning and knowledge from French language texts and oral communication. Students will connect French language and culture through texts, writing, and research.

French II

Grade Level(s): 10-11

Course Number(s): 723/724

Credit(s): 1.0

This course is a continuation of French I, building on vocabulary, grammar, and culture. Students will be able to use the language appropriately in oral and written communication. Students will extract meaning and knowledge from French language texts and oral communication. Students will connect French language and culture through texts, writing, and research.

French III

Grade Level(s): 11, 12

Course Number(s): 725/726

Credit(s): 1.0

This course is a continuation of French II, building on vocabulary, grammar, and culture. Students will be able to use the language appropriately in oral and written communication. Students will extract meaning and knowledge from French language texts and oral communication. Students will connect French language and culture through texts, writing, and research. An introduction to French literature will increase knowledge of art and culture.

French IV

Grade Level(s): 11, 12

Course Number(s): 727/728

Credit(s): 1.0

This course is a continuation of French III, building extensively on vocabulary, grammar, and culture. Students will be able to use the language appropriately in oral and written communication. They will process and produce effective written discourse as well as utilize French language texts to acquire knowledge. Students will connect French language and culture through texts, writing, and research. Students will continue their study of French literature in order to increase their knowledge of art and culture. A college text is used.

AP French

Grade Level(s): 12

Course Number(s): 731/732

Credit(s): 1.0

This course is offered to students who have completed French III (with exceptional abilities) or French IV as a junior. This class requires more independent work than French IV. Students will concentrate on vocabulary, grammar, and oral communications at the most advanced level. They will process and produce effective written discourse as well as utilize French language texts to acquire knowledge. Students will connect French language and culture through texts, writing, and research. Students will continue their study of French literature in order to increase their knowledge of art and culture. A college text is used in order to prepare for the mandatory AP French Language Exam.

Spanish I

Grade Level(s): 9, 10

Course Number(s): 741/742

Credit(s): 1.0

This is an introductory course of the Spanish language through vocabulary, grammar, and culture. Students will develop proficiency in reading, writing, listening, and speaking. Communicative lessons will develop the skills necessary for a variety of contexts. Students will begin to recognize the diversity of cultures throughout the Spanish-speaking world.

Spanish II

Grade Level(s): 10, 11

Course Number(s): 743/744

Credit(s): 1.0

Building on the skills mastered in Spanish I, students will continue to develop proficiency in reading, writing, listening, and speaking. Communicative skills, vocabulary development, and grammatical understanding continue. Interactive skills in daily situations will be strengthened. Students will appreciate the contributions of Hispanics to the world.

Spanish III

Grade Level(s): 11, 12

Course Number(s): 745/746

Credit(s): 1.0

Building on the skills mastered in Spanish II, students will extensively further proficiency in reading, writing, listening, and speaking. Students will work with more of an independent focus. An introduction to authentic materials in Spanish will increase the students' knowledge of art, literature, and customs of Hispanics. A majority of the discussions will be conducted in Spanish.

Spanish IV

Grade Level(s): 11, 12

Course Number(s): 747/748

Credit(s): 1.0

This course intensifies development of reading, writing, listening, and speaking in Spanish. Extensive communicative function and advanced vocabulary are developed through role-play situations, open-ended conversations, and essay writing. Students will continue to develop a rich understanding of Hispanic Culture through authentic materials. Classroom

instruction will also develop proficiency for the optional AP Spanish Language Exam. A majority of discussions will be conducted in Spanish.

AP Spanish

Grade Level(s): 12

Course Number(s): 751/752

Credit(s): 1.0

This advanced placement course is offered to students who have completed Accelerated Spanish III or Spanish IV as a junior. Intense classroom instruction will concentrate on oral communication, vocabulary, and grammar on the most advanced level. This implements a variety of oral and written discourse to prepare for the mandatory AP Spanish Language Exam. A majority of classroom discussion will be conducted in Spanish.

Prerequisite: 3.5 G.P.A.

Italian I

Grade Level(s): 9, 10

Course Number(s): 755/756

Credit(s): 1.0

Strong knowledge of English grammar is highly recommended. Knowledge of another foreign language is useful. This introductory course will focus on grammar fundamentals (articles, nouns, adjectives, verbs, etc.) pronunciation, reading, and dictation. Culture will encompass customs and institutions of contemporary Italy.

Italian II

Grade Level(s): 10, 11

Course Number(s): 757/758

Credit(s): 1.0

The course is a continuation of Italian I. Grammar will cover more difficult grammatical structures of the language as well as compound verbs. Reading, dictation, and conversation will become more complex and extensive. Culture will highlight people's customs of contemporary Italy.

Italian III

Grade Level(s): 11, 12

Course Number(s): 759/760

Credit(s): 1.0

While continuing to improve grammar and syntax patterns, the course will be aimed at acquiring a better understanding of the innuendos and contexting of the language. Learning activities will include dictation, reading aloud, exploring troubleshooting areas (idioms and false cognates), composition, and conversation in Italian. First elements of geography and history (time line) will be introduced.

Italian IV

Grade Level(s): 12

Course Number(s): 767/768

Credit(s): 1.0

Grammar and syntax patterns will be further improved, especially with regard to conveying ideas and/or concepts in writing. Great emphasis will be placed on developing listening and speaking skills. The class will be conducted 99% in Italian. The students will become familiar with the most important Italian writers and Nobel Prize winners.

AP Italian

Grade Level(s): 12

Course Number(s): 769/770

Credit(s): 1.0

This advanced placement course is offered to students who have completed Italian IV as a junior. Intense classroom instruction will concentrate on oral communication, vocabulary, grammar and cultural comparison on the most advanced level. Interpersonal writing & speaking and presentational writing and speaking will be practiced. A variety of oral and written discourse will be implemented to prepare for the mandatory AP Italian Language Exam. A majority of classroom discussion will be conducted in Italian. Students will use technology to access authentic materials. Video and audio recordings will be used for presentation and assessments. iPads will be used in a variety of situations to practice material being used.

Prerequisite: 3.5 G.P.A.

Physical Education and Health

The Physical Education and Health Department's mission is to provide students with the opportunity to develop mind, body, and spirit. Through a comprehensive and unified approach in instruction, students will be exposed to the key components in developing a healthy life style.

Physical Education and Health

Grade Level(s): 9

Course Number(s): 463/464

Credit(s): 1.0

Physical Education and Health will cover various health-related topics over the course of the year. The main goal is to provide students with the knowledge to make good lifestyle choices and encourage them to live a healthy lifestyle. Students will also participate in a variety of physical activities that will work on all aspects of individual physical fitness as well as team sports and individual sports.

Physical Education Advanced Topics

Grade Level(s): 12

Course Number(s): 470

Credit(s): 0.5

Advanced Physical Education covers the cognitive aspects of various health related topics with the main concentration on personal physical fitness and health. First-aid topics will also be covered. Time will be divided among cardiovascular activities in the gym, muscle development in the weight room, and team sports. Physical activities are more intensive than Physical Education and Health.

Physical Education Assistant

Grade Level(s): 12

Course Number(s): 465

Credit(s): 0.5 (Pass/Fail)

Physical Education Assistants perform various tasks to aid the instructor. Tasks include setting up equipment for class use, supervising small activities, officiating games and clerical duties. Students who take this course will also be responsible for various papers and/or projects that will count toward their grade.

Prerequisite: Head of School approval. Please provide a letter to the Head of School for this Departmental Assistantship.

Science Department

The Ladywood Science Department seeks to encourage students to incorporate scientific skills and technology into their lives for the betterment of society, to enhance their realization that science is a daily endeavor, and to emphasize the recognition that science can be an effective part in resolving many contemporary problems. We strive to place all students in courses that will meet their capabilities, and we offer expansive course selections encouraging students to challenge themselves to higher levels of scientific education, in keeping with the Felician Core Values of Respect for Human Dignity, Compassion, Transformation, Justice and Peace, and Solidarity with the Poor.

Biology

Grade Level(s): 9

Course Number(s): 415/416

Credit(s): 1.0

This course will cover all levels of life and the organization of life. Students will become familiar with basic laboratory procedures and scientific experimentation. Techniques and skills of writing scientific writings will be developed. A scientific background and literacy will be established so that students can understand and explore current issues in Biology.

Accelerated Biology

Grade Level(s): 9

Course Number(s): 405/406

Credit(s): 1.0

This is a challenging course for self-motivated students. It will not only cover topics found in Biology but will also explore other issues in science. Students will become familiar with basic laboratory procedures and scientific experimentation. Techniques and skills of writing a scientific term paper will be developed. The student will also be expected to learn some material not covered in lectures.

Chemistry

Grade Level(s): 10-11

Course Number(s): 423/424

Credit(s): 1.0

This course will systematically instill concept proficiency, critical thinking, and problem solving, laboratory experimentation, and writing skills in each student. Students will develop self-

confidence in the laboratory and their ability to deal with the content of chemistry through lectures, demonstrations, experiments, and homework. Topics include structure of atoms, chemical reactions, structure and properties of matter, interactions of energy and matter, scientific process, and laboratory and safety procedures.

Accelerated Chemistry

Grade Level(s): 10

Course Number(s): 427/428

Credit(s): 1.0

This college preparatory chemistry class will cover the same topics as Chemistry. Topics will be covered more thoroughly, expectations will be higher, and the pace will be faster. Independent learning and laboratory skills will be emphasized.

Environmental Science

Grade Level(s): 10, 11, 12

Course Number(s): 409

Credit(s): 0.5

Environmental Science is the study of the interrelationships between plants, animals, and the earth. The class will investigate a variety of topics that deal with the impact that humans have on the earth. These topics include carrying capacity, matter and energy transformation and usage, consumption, waste and land management, biomes, and ecological succession. The class will include lecture, laboratory, demonstrations, and hands-on activities, including investigations into the Ladywood Forest and aquatic ecosystems. We will discuss a variety of solutions and governmental policies into environmental problems on a local, regional, and global scale.

Chemistry of Biological Compounds

Grade Level(s): 10, 11

Course Number(s): 408

Credit(s): 0.5

This course will introduce students to food science. This is a laboratory course that involves the chemistry/biology laboratory as well as the kitchen. Students will study the chemistry of carbohydrates, lipids, and proteins. They will explore leavening agents, fermentation, food processing, and food safety. Skills developed include concept understanding, critical thinking, problem solving, laboratory procedures, and scientific writing.

Human Anatomy & Physiology

Grade Level(s): 11, 12

Course Number(s): 443/444

Credit(s): 1.0

Anatomy and Physiology is a two-semester course that examines the structure and function of the human body. Following a brief review of chemical principles and cell structure, each body system is examined in detail with an emphasis on both the interrelation of structure and function and the mechanisms that maintain the integrity of the body as a whole. Teaching methods include classroom lecture and discussion, audio-visual presentations, and laboratory exercises including dissections. Assignments include homework, writing research reports, and active participation in classroom discussions and laboratory activities.

AP Biology

Grade Level(s): 11, 12

Course Number(s): 417/418

Credit(s): 1.0

Advanced Placement Biology is a challenging course that is equivalent to a college level course that would be taken by students majoring in biology. A wide range of topics and laboratory exercises will provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with current issues in biology. AP Biology differs from Biology in the sophistication of the textbook, the range and depth of topics covered, and type of laboratory work done. Students must be self-motivated and willing to put in extra time before and after school. The amount of material that needs to be covered requires the students to study topics not necessarily covered in class.

Prerequisite: 3.5 G.P.A.

Physics

Grade Level(s): 11, 12

Course Number(s): 435/436

Credit(s): 1.0

Physics is the study of how the universe and the world around us work. This course examines the universe from the perspective of forces, motion, and energy. It will investigate objects ranging in size from the atom to the universe. This course will cover Newtonian mechanics, electricity, magnetism, heat, sound, and light. Demonstrations and laboratory experiments will be used to investigate the world around us. Concepts, logical thinking skills, and mathematics skills are stressed in this course.

Microbiology

Grade Level(s): 11, 12

Course Number(s): 432

Credit(s): 0.5

Microbiology is a one-semester course that introduces students to the study of micro-organisms. By better understanding how microbes (both prokaryotic and eukaryotic) function, a student will be better prepared for college courses in the life sciences and many other college majors such as economics, agriculture, pre-medicine, environmental science, etc.

Genetics

Grade Level(s): 11, 12

Course Number(s): 433

Credit(s): 0.5

This is a one-semester course introducing the student to the field of modern genetics. The laws of inheritance that govern human traits and dispositions are examined. The current and future uses of DNA techniques and reproductive technology are also considered. Genetics holds special interest for life science students, and all students can benefit from realizing the impact the techniques of modern biology will have on their lives in the future. Methods include both lecture

and laboratory activities, participation in research, and preparing reports for classroom presentation.

Forensic Science

Grade Level(s): 11, 12

Course Number(s): 446

Credit(s): 0.5

This class will focus primarily on the skills necessary for crime scene investigation that will include observation, deductive reasoning, and problem solving. Students will have experience of hands-on projects for the purpose of data collection and utilization of practical methods used in crime solving. Practical application will teach the students the necessary skills to extend the initial crime scene observation into a rational explanation for use as trial evidence.

Science Laboratory Assistant

Grade Level(s): 12

Course Number(s): 451

Credit(s): 0.5 (Pass/Fail)

This opportunity is designed for students who wish to work in the laboratory to set up equipment and prepare solutions for laboratory activities. The assistant will be responsible for maintenance of plants, specimens, and the lab.

Prerequisite: Head of School approval. Please provide a letter to the Head of School for this Departmental Assistantship.

Social Science Department

The Ladywood Social Science Department has a crucial role in the development of a student's perspective on society, politics, culture, and government. The courses provided at Ladywood provide a challenge for all students in various disciplines (history, psychology, sociology, and government). The structure allows for the students to fulfill their required course work as well as satisfying their academic curiosity through electives.

Global Studies

Grade Level(s): 9

Course Number(s): 827/828

Credit(s): 1.0

In this two-semester course, students receive a summary of history prior to the Renaissance and a detailed account of the development of modern day nations. Students will increase their geographical knowledge by locating countries, major societies, origins of major religions, and significant battles on maps in each chapter of study. Their understanding of Global Studies is drawn from six spheres of human activity. These include geography, social history, science and technology, economics, political science, and philosophical ideas.

Contemporary American History

Grade Level(s): 10, 11

Course Number(s): 814

Credit(s): 0.5

This course examines the role of America after WWII to the present time. Presidential administrations will be examined as to the successes and failures of each president, along with the psychological profiles of Franklin Roosevelt through Bill Clinton.

American History

Grade Level(s): 10, 11

Course Number(s): 831/832

Credit(s): 1.0

This course considers the important events that have taken place from the nation's origin until the present. The course covers the development of sectionalism, nationalism, imperialism, the effects of big business, and the role of the U.S. in the World Wars, and the domestic and foreign policies of the various presidents. There are several themes that are discussed: geography, economics, government, culture, citizenship, technology, science, and global relations.

AP American History

Grade Level(s): 11

Course Number(s): 843/844

Credit(s): 1.0

Advanced Placement American History is a comprehensive study of the U.S. from The Age of Discovery to the present. This is a year-long course for highly motivated, self-directed, and college-bound juniors. The course introduces students to the various cultural, economic, political, social, and diplomatic developments over time. The students will develop an analytical and interpretive approach to history. Extensive reading from the textbook, primary sources, research, and historical scholarship is required. A strong emphasis will be placed on the writing of free-response essays and document-based question essays. This class will prepare students for the Advanced Placement United States History Exam in the spring.

Prerequisite: 3.5 G.P.A. and Department approval.

AP European History

Grade Level(s): 10, 11

Course Number(s): 847/848

Credit(s): 1.0

Advanced Placement European History is the study of European history since 1450. This is a year-long course for highly motivated, self-directed, and college bound students. This course introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. The students will develop an analytical and interpretive approach to history. Extensive reading from the textbook, primary sources, research, and historical scholarship is required. A strong emphasis will be placed on the writing of free-response essays and document-based question essays. This class will prepare students for the Advanced Placement European History Exam in the spring.

Prerequisite: 3.5 G.P.A. and Department approval.

Economics

Grade Level(s): 10, 11, 12

Course Number(s): 817

Credit(s): 0.5

This course will introduce students to the basic concepts of microeconomics and macroeconomics. Introductory topics include factors of production, scarcity, opportunity cost, and economic systems with emphasis on the American private enterprise system. Microeconomic topics related to the interaction of demand, supply, and prices will be introduced. The macroeconomics portion of the class will cover GDP, business cycles, economic growth, productivity, unemployment, inflation, and international trade. The class is designed to help students understand general economic principles that affect American workers in all career areas. **Prerequisite:** Sophomores must have a 3.5 G.P.A. to select this class.

American Government

Grade Level(s): 11, 12

Course Number(s): 820

Credit(s): 0.5

This is a one-semester survey course in which the student studies the historical and constitutional origins of our republic. Topics will include the structure, power and functions of the federal, state, and local governments with a particular emphasis on their foundations in the U.S. Constitution. Major developments in constitutional law are also examined through a special project utilizing landmark U.S. Supreme Court cases.

Psychology

Grade Level(s): 11, 12

Course Number(s): 816

Credit(s): 0.5

This course is concerned with a systematic analysis of the major principles and concepts of human behavior and adjustment. A major goal of the course is to promote better self-understanding and an appreciation of individual differences. The students will learn how scientific methods may be employed to better understand individual and group problems. They will gain respect for the dignity and worth of all individuals.

Sociology

Grade Level(s): 10, 11, 12

Course Number(s): 815

Credit(s): 0.5

Sociology is an introductory study of the way people behave in groups. This course examines human social behavior; it assumes a group, rather than an individual, perspective. It considers patterns in social relationships, the nature of social organizations, cultures, social institutions, and social problems.

Theology Department

The Theology Department offers a curriculum that educates young women in an environment permeated by the Gospel values of love, compassion, justice, reconciliation, and concern for the poor. In turn, our students will be motivated to exert the full extent of their knowledge and influence toward the creation of a peaceful and just world.

Theology I

The Revelation of Jesus Christ in Scripture

Grade Level(s): 9

Course Number(s): 313

Credit(s): 0.5

This is a one-semester freshmen course intended to give students general knowledge and appreciation of Sacred Scripture. Through the study of the Bible, the student will come to encounter the Living Word of God, Jesus Christ. The student will learn about the Bible, how it was authored through the inspiration of God, and the various literary genres included. Reading the Bible and familiarization with the stories of salvation history will help the student to grow, to know, and to love Jesus Christ more personally as the fulfillment of the Hebrew Scriptures.

Theology II

Who is Jesus Christ?

Grade Level(s): 9

Course Number(s): 314

Credit(s): 0.5

This is a one-semester freshmen course intended to introduce students to the mystery of Jesus Christ, the Living Word of God, and the Second Person of the Blessed Trinity. It continues what **Theology I** began, using Sacred Scripture as a focus on Christ as the fulfillment of salvation history and the ultimate revelation to us from God. In learning about who Jesus is, the students will also learn who Jesus calls them to be.

Theology III

The Mission of Jesus Christ (The Paschal Mystery)

Grade Level(s): 10

Course Number(s): 323

Credit(s): 0.5

This is a one-semester sophomore course intended to help the student understand all that God has done for us through his son, Jesus Christ. In this course of study, the student will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption that has been won for us by Christ. The student will learn that she shares in this work of redemption and what it means to be a disciple of Christ.

Theology IV

Jesus Christ's Mission Continues in the Church

Grade Level(s): 10

Course Number(s): 324

Credit(s): 0.5

This is a one-semester sophomore course intended to help the students understand that in and through the Church, they encounter the living Jesus Christ. Students will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. Students will come to know that the Church is the Living Body of Christ today. This Body has both divine and human elements. Students will learn not so much about the events in the life of the Church, but about the sacred nature of the Church.

Theology V

Sacraments as Privileged Encounters with Jesus Christ

Grade Level(s): 11

Course Number(s): 335

Credit(s): 0.5

This is a one-semester junior course intended to help the student understand that Christ remains present to the world and in the Church through the sacraments, especially through the Eucharist. Students will examine each of the Sacraments in detail as encounters with Christ and the particular sacramental graces unique to each, which enables participation in the life of the Trinity and makes it possible for participation in Christ's work of restoring and renewing the world.

Theology VI

Life in Jesus Christ

Grade Level(s): 11

Course Number(s): 336

Credit(s): 0.5

This is a one-semester junior course intended to help students learn the moral concepts and precepts that govern the lives of Christ's disciples. This course in Catholic morality will provide a method of arriving at moral decisions and share with students specific magisterial teachings in the areas of morality and Christian living. All of these tasks are firmly rooted in a common vision of fundamental human dignity that follows from being created in God's image and in the Christian vocation of being active disciples of Christ, who leads us to fullness of life.

Living as a Disciple of Jesus Christ in Society

Course Number(s): 334

Grade Level(s): 12

Credit(s): 0.5

This is a one-semester course intended to introduce students to the Church's Social Teaching. In this course students will learn how Christ's concern for others, especially the poor and vulnerable, is present today in the Church's social teaching and mission. The students will examine the principles of Catholic social teaching, know their biblical roots, know the writings of the popes, and be able to apply them to social issues of the day in order to engage in the mission of Christ, restoring and renewing the world.

Responding to the Call of Jesus Christ

Grade Level(s): 12

Course Number(s): 337

Credit(s): 0.5

This is a one-semester course intended to help students prepare more wisely for their future vocations and help them live better now the love of which the Gospels speak. They will examine how all vocations are similar, as well as how they differ, as they focus on married life, single life, priestly life, and consecrated religious life. In this study, students will learn that to love as Jesus calls us to love involves understanding and acceptance, responsibility and accountability, openness, forgiveness, honesty and integrity, sacrifice and self-discipline, and compassion and concern for others.

Ecumenical and Interreligious Issues

Grade Level(s): 12

Course Number(s): 339

Credit(s): 0.5

This one-semester course is an overview of the mainstream religions of the world. An awareness of other religions has a two-fold benefit. First, in learning about other religions you gain a greater understanding of your own religion. Second, better comprehension of other religions allows Catholic Christians to be more open and accepting of people very different from themselves. The study of the world's religions also seeks to find common and universal themes among the world's various cultures and to learn from these great sources of wisdom.

Family and Consumer Science

The goal of the Family and Consumer Science Department is to help students develop into responsible and productive adults by introducing them to life-related skills that they need to succeed in society. The skills gained in certain courses may be cultivated into careers. Students can pursue higher education in areas such as early childhood education, dietary science, food service, fashion design, interior design, and consumerism.

Clothing

Grade Level(s): 9, 10, 11, 12

Course Number(s): 511

Credit(s): 0.5

This course is designed for the student who want to learn how to hand and machine sew starting with the basic skills and building upon them throughout the semester. An interactive notebook will be developed as the student's reference guide and reflection on the projects. Upon completion of the course the student will have completed a minimum of three projects. In addition, the student will also look at the history of fashion trends and how family, society, and peers affect and interpret an individual's clothing choice.

Prerequisite: No experience needed.

Foods and Nutrition I

Grade Level(s): 9, 10, 11, 12

Course Number(s): 503

Credit(s): 0.5

This is an introductory course in foods and nutrition. The class will focus on the six nutrients, kitchen safety and sanitation, reading the nutrition facts label, teamwork, and understanding the health benefits of eating properly throughout one's life span. The students will learn to read a recipe and create nutritious meals to enjoy for years to come using their own cookbook with a concentration on fruits, vegetables, grains, protein, and milk products.

Foods and Nutrition II

Grade Level(s): 9, 10, 11, 12

Course Number(s): 504

Credit(s): 0.5

This course is an extension of Foods and Nutrition I with a concentration on guiding the student to make important decisions about nutrition, food, and fitness. The student will continue to work

as a team member in the lab using her own cookbook to create nutritious meals using MyPlate as a reference tool. In addition to cooking with fruits, vegetables, grains, protein, and milk products, this course will also introduce ways to prepare meat, fish, and ethnic dishes.

Upon completion of this course, the student will also be able to work independently planning a meal, preparing it, and working within a budget.

Prerequisite: Foods and Nutrition I.

Child Development

Grade Level(s): 11, 12

Course Number(s): 531

Credit(s): 0.5

This one-semester course is designed to enable the student to develop an understanding of the developing child from conception through early childhood. The class will also explore how the effects of family, parenting, the environment, and society affect the physical, social, emotional, intellectual, and moral development of the child. The student will have several projects and participate in activities that create a relevant framework for student learning.

DUAL ENROLLMENT

Below is a brief list of courses that are available for Dual Enrollment. Please see your Counselor to discuss the additional courses that are available.

University of Detroit-Mercy, College of Engineering & Science

- **Engineering Graphics**
Grade Level(s): 11, 12
Course Number(s): 950
1 College Credit

This course provides an introduction to the engineering disciplines and computer graphics. Its emphasis is on design, solution of unstructured problems, visualization and communication of a design using proper drafting techniques. The mode of delivery is a mixture of lecture and laboratory. The laboratory experience takes the form of hands-on activities. The course contains a series of experiences drawn from different engineering disciplines to illustrate design methodology and engineering problem solving.

Madonna University

Grade Level(s): 9, 10, 11, 12

- Animal Studies-Hum 3110, Grades 11, 12
- Biology-BIO 1030, Grades 11, 12
- Chemistry-CHEM 1110, Grades 11, 12
- See your Counselor for the course list and to discuss

Schoolcraft College

Grade level(s): 9, 10, 11, 12

- Intro to Philosophy-PHIL 243, Grades 10, 11, 12

- See your Counselor for the course list and to discuss

Felician College

Grade Level(s): 9, 10, 11, 12

- See your Counselor for the course list and to discuss

Learning Assistance

Critical Thinking and Academic Skills

Grade Level(s): 9

Course Number: 004/005

Credit(s): 1.0

This course is designed to provide the student with simple, practical, and highly functional methods, which can be quickly and appropriately combined with subject information at school to help the student access and assimilate the subject matter provided in the classroom. Emphasis will be on organizational skills, study skills, time management, reading comprehension strategies, and note-taking methods.

General Electives

Library Assistant

Grade Level: 12

Course Number(s): 900

Credit(s): 0.5 (Pass/Fail)

Please provide a letter to the Head of School for this Departmental Assistantship.

Office Assistant

Grade Level: 12

Course Number(s): 901/902

Credit(s): 0.5 (Pass/Fail)

Please provide a letter to the Head of School for this Departmental Assistantship.

Felician Online Learning

Grade Level(s): 9, 10, 11, 12

Credit(s): 0.5 to 1.0

- See your Counselor for the course list and to discuss

Study Hall

Grade Level(s): 9, 10, 11, 12

Course Number(s): 001/002

Credit(s): No Credit

Students may elect to take a study hall each semester. This course is not to be taken for credit, but it allows students to work on homework and/or do research in the library. Students are expected to keep busy the entire period, and the teachers assigned will maintain a quiet environment for study.