

# Xavier High School



Course Description Book  
2018-2019

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## **Our Mission**

St. Francis Xavier Catholic School System is a Christ-centered community dedicated to the faith formation, academic excellence, community engagement, and individual growth of our students in a safe environment.

Dear Students and Families-

The faculty and staff of St. Francis Xavier High School take great pride in the academic program that we offer to our students. Generations of successful alumni offer living proof that the courses described in this education guide provide outstanding preparation for college and career. Each year, new courses are added and courses are updated to keep our education innovative and relevant. Xavier's reputation as the most rigorous college-preparatory education in the area is earned by the quality of each and every course described in the pages ahead.

Take some time as you peruse this book to consider your plans for the four years of high school and beyond. The foundations for a successful future are laid according to the selection of courses you make each year. What will you bring to college with you? Will you be fluent in a second or third language? Will you have developed a passion for performing or creating? Will you be the most accomplished writer or speaker in your classes? All of these questions have their roots in the course offerings at Xavier High School.

There is a lot to consider when reviewing the Xavier curriculum. Start with your talents and interests. In what departments will you be most frequently learning? And how do you like to learn? Perhaps the project-based curriculum of our Project Lead the Way courses meets your learning style. Maybe you are dedicated to a career in computer science and want to experience every math, technology and engineering course we offer. Or are you the well-rounded student who wants to participate in the band, learn another language, take some college credit classes and still find time to explore journalism and writing classes? There are so many paths...

It is our hope that your Xavier career is filled with the discovery of new passions, the development of new skills, the stimulation of transformative ideas, and the experiences that will propel you to a life of servant leadership in your chosen vocation. We look forward to watching you make the most of the Xavier education.

Sincerely,

A handwritten signature in cursive script that reads "Mike Mauthe". The signature is written in black ink and has a long horizontal flourish extending to the right.

Mike Mauthe  
Principal

# Graduation Requirements

## Credits for Graduation

To graduate from Xavier High School, a student must fulfill the following requirements:

Theology	4.0 credits
English	4.0 credits
Math	3.0 credits
Science	3.0 credits
Fine Arts	1.0 credit
Social Studies	3.0 credits
Physical Education	1.5 credits
Health	0.5 credit
Business & Technology	1.0 credit
Electives	8.0 credits
<b>Total</b>	<b>29.0 credits</b>

Students must complete and document 80 hours of Christian Service as well as pass a civics test (required by state law) in order to graduate.

## Required Courses

- **Business:** Computer Applications and Personal Finance
- **Math:** Algebra and Geometry
- **Science:** Lab Science Foundations, Biology and Chemistry
- **Social Studies:** Introduction to Western Studies, World History, US History and Government
- **Theology:** Four years of theology classes are required

# Curriculum Plan

## **Enrollment Guidelines**

Freshmen, sophomores and juniors must carry a minimum of eight credits. Seniors must carry a minimum of six credits (three classes per term). Additional fees may be required for students who register for more than 8.5 credits per year.

### **Freshman Year - 8 Credits**

- Health - 0.5 credit
- Freshman Theology - 1 credit
- English 9 or Honors English 9 - 1 credit
- Mathematics - 1 credit
- Science - 1 credit
- Introduction to Western Studies - 0.5 credit
- Computer Applications - 0.5 credit
- Electives - 2.5 credits

### **Sophomore Year - 8 Credits**

- Sophomore Theology - 1 credit
- English 10 or Honors English 10 - 1 credit
- Mathematics - 1 credit
- Science - 1 credit
- World History - 1 credit
- Electives - 3 credits

### **Junior Year - 8 Credits**

- Junior Theology - 1 credit
- English 11 or Honors English 11 - 1 credit
- Math - 1 credit
- Science - 1 credit
- US History - 1 credit
- Electives - 3 credits

### **Senior Year - 6-8 Credits**

- Senior Theology - 1 credit
- English - 1 credit
- Government - 0.5 credit
- Personal Finance - 0.5 credit
- Electives - 3-5 credits

## **Planning for College**

It is highly recommended that those planning to attend college take at least two credits of a world language. Also, many universities require four credits of math. Spend some time researching colleges of interest so that your planning can be done with their requirements in mind.

## **AP Courses**

Advanced Placement courses are designed to prepare students for the AP tests each May. By taking the AP test in a subject area and earning the requisite score, a student can earn college credits based on which university the student attends. In 2017, the cost of an AP test is approximately \$90 per subject.

### **College Credit Courses**

Xavier partners with University of Wisconsin-Oshkosh, St. Norbert College and University of Wisconsin-Fox Valley to offer college credit classes directly to Xavier students. Students taking these courses are required to pay tuition to the college, but successful completion of the class earns the student a college transcript with full credit for the course. College credit classes at Xavier are taught either by a university professor or by a Xavier teacher employed as an adjunct professor for the purposes of the course. In 2017, the course fees for college credit courses are:

UW-Fox Valley - \$100 per college credit (Macroeconomics and Sociology)

UW-Oshkosh - \$90 per college credit (Government, Spanish, German, Business, Finance)

St. Norbert College - \$45 per college credit (English and Calculus)

### **Project Lead the Way**

Project Lead the Way (PLTW) courses prepare students for careers in Science, Technology, Engineering and Math. At Xavier, PLTW is offered in three subject areas - biomedical science, computer science, and engineering. By taking PLTW courses, a student participates in a project-based curriculum designed and approved by the national Project Lead The Way office.

### **Schedule Changes**

All schedule changes must be completed before a term begins. Once the term has started, the only change that can be made is for misplacement and such a change must take place within the first two days of the new term. All schedule changes must be made by the student in writing, using the schedule change request forms available in the School Counseling Department and must be signed by a parent.

### **Calculator Policy**

Math classes may require a scientific or graphing calculator. A TI-84 is strongly recommended for Algebra 2 and above and is a requirement for College Credit or AP Calculus, Statistics and Probability and AP Statistics.

### **Grade Scale**

Unweighted Grade and Grade Points	Percentage	Weighted Grade and Grade Points
A 4.0	95-100	E 5.0
AB 3.5	90-94	EA 4.5
B 3.0	85-89	A 4.0
BC 2.5	80-84	AB 3.5
C 2.0	75-79	B 3.0
CD 1.5	71-74	BC 2.5
D 1.0	68-70	C 2.0
F 0	64 - 67	CD 1.5
	60 - 63	D 1.0
	0 - 59	F 0

# Business & Information Technology

## **B14 - Computer Applications**

Grades 9, 10, 11, 12

½ credit

Students will learn Microsoft (MS) Office Suite components - Word, Excel, Publisher and PowerPoint. Today an understanding of word processing, spreadsheets, and presentation programs is a necessity for both students and workers. Thus, students will learn features of MS Office that will prepare them to work more effectively in their future activities, both in the classroom and in the workforce. Additionally, students will complete tasks in a Google Drive unit of learning.

## **B17 - Web Tools 2.0**

Grades 9, 10, 11, 12

½ credit

Web 2.0? Wiki? Blog? Social Bookmarking? Screencast? Social networks? Some people might think you are speaking a different language with all of these new digital technology terms! Come learn what "Web 2.0" is all about! Designed to introduce you to emerging 21st century digital technologies, you will learn to navigate and use the Read/Write Web (Web 2.0) to its fullest potential as both a consumer and producer of information. You will explore, analyze, and reflect upon applications for online bookmarking, blogging, podcasting, digital storytelling, wikis, tele/video conferencing, Google tools, screencasts, RSS feeds, and much more. Be prepared to "think outside the box" and to add to your "technology toolbox" that you'll be able to use in all of your other classes!

## **B23 - Introduction to Business**

Grades 9, 10, 11, 12

½ credit

This course introduces students to accounting, marketing, economics, investing, entrepreneurship, business organization and career planning. After an introduction to these concepts, students apply their knowledge in a Junior Achievement computer simulation, JA Titan. In this simulation, students are given economic scenarios and compete to run the best company. Students also learn workplace readiness skills through the JA Career Success program and finish the term with a mock interview with an individual from the local business community.

**B24 - Entrepreneurship**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Business

In this course, students learn the characteristics of an entrepreneur, how entrepreneurs contribute to the economy, and how to develop an idea, research, organize, start and close a business. Students work through the Junior Achievement Program titled “JA Be Entrepreneurial” with a business person from the community. This program inspires and prepares students to start an entrepreneurial venture while in high school. Students develop and run a business and are given a job description, as either the President or as a specific role in the Human Resource, Finance, Marketing, Public Relations, or Production Department. An annual report is generated at the end of the course and profits are donated to a charity chosen by the students.

**B25 - Web Page Design**

Grades 10, 11, 12

½ credit

Web Page Design will give students an understanding of web page layout & design elements, website/ page evaluation, basic HTML, and creating websites using editors like Google Sites, Weebly, and many others. Students will design and create a personal website as well as examine business and/or school websites to provide recommendations for updates.

**B31 - Accounting 1**

Grades 10, 11, 12

1 credit

Prerequisite: Introduction to Business

Accounting is a course that teaches students how to understand the finances of a business and is highly recommended for students who will be majoring in business in college. Students learn how companies account for a myriad of transactions including buying materials for making products to the sales transaction in your local store. Topics include debits and credits, transactions, the accounting cycle, and how to understand a financial statement. Accounting gives the financial perspective that is the underpinning of all businesses and helps the student intelligently handle his/her personal and business financial affairs as a citizen, consumer, manager, owner and investor.



**B32 - Accounting 2**

Grade 11, 12

1/2 credit

Prerequisite: "B" or above in Accounting 1

Accounting II emphasizes corporate accounting and integrates accounting practices and related computer skills to prepare advanced students for future employment.

**B33 - Business / Personal Law**

Grades 11, 12

½ credit

Prerequisite: Introduction to Business

*Offered only during school years of even graduation years (2019-2020 school year)*

In this course, students will get an understanding of the fundamental principles of the laws that affect their personal and business lives.

**B36 - Personal Finance**

Grades 10, 11, 12

½ credit

This course is designed to help students develop an understanding of money management techniques, finances, risk and diversity of investments, and educate students to become better consumers and achieve personal lifestyle objectives. Topics may include: budgeting, banking services, investing, credit, consumer rights and responsibilities, identity theft, taxes, insurance and housing.

**B41 - Marketing 1**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Business

Marketing is all around us. In this class, students become more educated consumers by learning the marketing efforts that companies use to get consumers and businesses to buy their products and services. Students also become well prepared for marketing coursework in higher education. Students learn marketing principles, analyze the facets of marketing campaigns, conduct marketing research, and learn the many roles marketing plays in what products are offered, how they are priced, promoted and distributed to consumers.

## **B42 - Marketing 2**

Grades 11, 12

½ credit

Prerequisite: Marketing 1

*Offered only during school years of odd graduation years (2018-2019 school year)*

In this course, students use the marketing knowledge acquired in Marketing 1 to look deeper into the world of marketing and research topics in sports and entertainment marketing, fashion marketing, sales, e-marketing, and global marketing. This is a project-based course.

## **B43 - Business Management & Leadership**

Grades 11, 12

½ credit

Prerequisite: Introduction to Business

*Offered only during school years of odd graduation years (2018-2019 school year)*

Management and leadership are key skills that have a tendency to lead to success in business. In this course, students learn and practice teamwork, ethics and social responsibility in a business framework. Students also have the opportunity to identify their leadership style in business relationships.

## **B50 - College Credit Business**

Grades 11, 12

½ credit /3 college credits

Prerequisites: Entrepreneurship, Accounting I, or university approval

This course will provide students with an introduction to the management of businesses and prepare students for additional college courses in business. Topics to be covered are economic theory, competitive strategies, business ownership, organizational design, professional development, operations management, cost accounting, financial accounting, human resources, and marketing. In addition to the course material, an important element will be a Business Plan Project. The class format will be structured and typically include lecture, discussion, and group cooperative learning.

As part of the Cooperative Academic Partnership Program (CAPP) this course is offered for one term in order to earn 3 college credits in the Business Department at UW-Oshkosh. **Students will be responsible for additional tuition through UW-Oshkosh. Please see page 5 for approximate tuition.**

## **B51 - College Credit Personal Finance**

Grades 11, 12

½ credit/ 3 college credits

Prerequisite: Teacher and university approval

This course offers a study of the major financial decisions encountered by individuals. Subjects covered are: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments. Each subject is analyzed with the context of a comprehensive framework of personal financial planning. *This course fulfills the Personal Finance graduation requirement.*

As part of the Cooperative Academic Partnership Program (CAPP) this university level course is offered for one term in order to potentially earn 3 college credits in the Business Department at UW-Oshkosh. **Students will be responsible for additional tuition through UW-Oshkosh. Please see page 5 for approximate tuition.**

# Computer Science

## **S115 - Introduction to Computer Science Programming**

Grades 9, 10, 11, 12

½ credit

Introduction to Computer Science Programming gives students who are new to programming an opportunity to work in teams to create apps for mobile devices using MIT APP Inventor. They will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

## **S116 - PLTW Computer Science Principles (CSP)**

Grades 9, 10, 11, 12

1 credit

Prerequisite: Algebra 1

Open doors in any career with computer science! In CSP, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Using Python as a primary tool, students collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world. ***This course aligns with the AP Computer Science Principles course.***

# Engineering

## **S101 - PLTW Principles of Engineering (POE)**

Grades 10, 11, 12

1 credit

Prerequisite: Geometry

This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work, and communicate solutions. ***Successful completion of this course may allow the student to earn college credit.***

## **S102 - PLTW Introduction to Engineering Design (IED)**

Grades 9, 10, 11, 12

1 credit

The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. ***Successful completion of this course may allow the student to earn college credit.***

## **S103 - PLTW Aerospace Engineering (AE)**

Grades 10, 11, 12

1 credit

This PLTW course explores the evolution of flight, navigation and control, flight fundamentals, aerospace materials, propulsion, space travel, and orbital mechanics. In addition, this course presents alternative applications for aerospace engineering concepts. Students analyze, design and build aerospace systems. They apply knowledge gained throughout the course in a final presentation about the future of the industry and their professional goals. ***Successful completion of this course may allow the student to earn college credit.***

**S104 - PLTW Civil Engineering and Architecture (CEA)**

Grades 11, 12

1 credit

Prerequisite: Introduction to Engineering Design

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. ***Successful completion of this course may allow the student to earn college credit.***

# English

## **E09 - ELL English I**

Grades 9, 10, 11

½ credit

This is a comprehensive literacy course for all incoming international students. The object of this course is to bring students' reading, writing, listening and speaking skills up to a proficient level for full participation in the Xavier curriculum. The class will be differentiated based on incoming reading level, and instruction will focus on the practice and application of reading skills, vocabulary and idioms. Students will also learn editing strategies for common ELL grammar errors, including mechanics, usage, vocabulary, and sentence/paragraph structure. The course will have two major projects: the ELL Portfolio, where students will demonstrate their ability to apply skills practiced in ELL English across the curriculum, and the research paper, where students will demonstrate their ability to use all the steps in the writing process, read academic articles, avoid plagiarism and create a cohesive writing product. American, Catholic and Xavier culture will also be explored through class readings and discussion.

## **E15 - English 9**

Grade 9

1 credit

In this course types of literature will be studied, including poetry, short stories, plays, essays, and a novel. The emphasis in writing is on basic sentence and paragraph structure, and using exact and appropriate words. Grammar --parts of speech, phrases and clauses, and sentence structure-- is introduced, practiced and reviewed in conjunction with writing. Students will prepare and deliver an informative speech, and will work toward writing strong paragraphs with well supported and explained ideas. Units in independent reading, vocabulary, and spelling are included in this course.

## **E12 - Honors English 9**

Grade 9

1 credit

This course focuses on the study of literature, the introduction and reinforcement of grammar concepts, and the development of composition skills. In literature, students are introduced to and encouraged to enjoy short stories, poetry, drama, novel, and non-fiction selections to which they can relate. Challenging reading from mythology is included. The study of the writing process continues with review lessons in parts of speech and parts of the sentence and mini lessons in phrases and clauses.

In composition, students master the skill of writing a structured 5-paragraph essay through the use of thesis statement and topic sentences and deliver an informative speech. English usage, punctuation, sentence fluency, logical sequencing, and vocabulary are included in the writing curriculum.

## **E19 - Composition**

Grades 9, 10, 11

½ credit

The goal of Composition study is to provide students with a writing skill set that they can rely on to complete academic writing on all of their core courses. Through repeated practice of the writing process and various lessons in formatting, essay structure, revision, and editing, students will develop the knowledge and skills to meet the writing demands of high school and the confidence to meet those of college.

Types of writing studied include (but not limited to) express and reflect, inform and explain, evaluate and judge, inquire and explore, analyze and interpret, and problem/solution. Essay topics are chosen by the student. Students will learn how to properly organize their writing so that they can clearly and logically communicate their ideas, feelings and research results. They will practice the entire writing process multiple times throughout the term. Students will also practice editing strategies for common high school grammar errors (comma splices, run on sentences, fragments, etc.) and learn how to create professional-sounding complex sentences.



**E25 - English 10**

Grade 10

1 credit

This course centers on a survey of drama, short stories, poetry, legend and the novel through the use of reading comprehension, summarizing and note taking, and writing skills. Students will write strong paragraphs with topic sentences. The thesis statement and the five-paragraph essay are practiced throughout the year. Oral communication exercises include a variety of speaking experiences such as choral reading, journal sharing, class discussion and presentations. Grammar and sentence structure are reviewed throughout the year. Reading and analyzing literature is incorporated into the course.

**E22 - Honors English 10**

Grade 10

1 credit

Prerequisite: Teacher approval

This course is designed for students who have the aptitude and interest to continue on the advanced track in English. Beyond the emphases (described in E25 English 10) on reading comprehension, summarizing, note taking, writing skills, and a survey of literary genres, this course expects students to read at a faster pace, discuss on a more sophisticated level, and write with a greater depth of analysis. Literature selections inside and outside the text are more challenging. Oral communication is stressed through class discussion, and presentations. Grammar is reviewed. The five-paragraph essay is practiced throughout the year with the addition of a research component so students may practice proper MLA formatting and follow guidelines for in-text and end citations.

**E35 - English 11 - American Literature & Composition**

Grade 11

1 credit

This course is designed to give the student an understanding and appreciation of literature in the American tradition. The students, while studying American history in their junior year, will gain an awareness of the effect of historical events on the literature of the time. The course traces the development of American literature from the 1600s to the present. With the literature as a base, students learn to write according to a process. While some grammar and usage skills are reviewed, more emphasis is given to composition skills, including the writer's attention to purpose, audience, tone, organization, details, word choice, and sentence structure. In addition to narrative and literary analysis essays, the student will learn the necessary steps and aspects for writing a major research paper. Students will also prepare for college admission essays and deliver oral presentations.

### **E32 - Honors English 11 - AP Language and Composition**

Grade 11

1 credit

Prerequisite: Teacher approval

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

### **E45 - British Literature & Composition**

Grade 12

1 credit

This college-preparatory English course emphasizes not only the development of critical thinking skills and expository writing skills, but an appreciation and enjoyment of the relevance of classic literature. In this survey of British literature, students will read *Beowulf*, *The Canterbury Tales* and *The Tempest* in Part 1 of the course and selected works of post-1600s British literature including *The Importance of Being Earnest* and an independent novel in Part 2. Along with the extensive reading, students will continue their commitment to acquiring writing skills by writing essays in both Part 1 and Part 2 of the course. The major essay of Part 1 asks students to write a comparison and contrast research essay, and for Part 2 of the course, the major essay is an extensive, properly documented multi-genre research compilation based on a self-selected novel. In order to help students in completing these writing tasks, students will receive further lessons on various language arts topics such as punctuation, word choice, active reading, and sentence combining.

## **E40 - College Credit English / AP Literature and Composition**

Grade 12

1½ credits/ 8 college credits

Prerequisite: 3.0 or above GPA, “AB” or above average in English and a qualifying examination administered through St. Norbert College

The first of the two four-credit courses (En 101, Composition ) is a literature-based writing course. Students read and study in depth, six literary tragedies (ancient to modern), various theories of tragedy, and scholarly criticism. After close reading and discussion of these works, students write thesis-driven essays of literary analysis. Through the instructor’s methodology and students’ cooperation, the plays, theory, and criticism come alive, providing students something worthwhile to write about. Though the lessons can make learning fun, the course remains a regimen of writing instruction. Students write a fully documented research paper about one of the plays. The second four-credit course (EN 150, Introduction to Literature) is a class in literary criticism. It delves into the ways we human beings view our lives. Students look at life doubly exposed through classic pieces of literature in various genres and prisms. The genres are poetry, short story, and novel. The prisms used for analysis and interpretation are romanticism, existentialism, and Christian humanism. Students continue to write papers and take exams. **Students who choose to take the course for college credit will be responsible for additional tuition through St. Norbert College.**

## **E26 - Speech**

Grades 9, 10, 11, 12

½ credit

*May be taken as a fine arts elective*

This elective aims to develop the students' skills for effective communication through speech. Students will gain a better understanding of their speaking strengths and weaknesses through writing and presenting speeches. Besides learning to be more effective speakers and listeners, students will develop skills needed for audiences ranging from one-to-one to large group communication. Students will prepare and deliver a variety of speeches which are designed to develop skills in vocal control, gestures, facial expression and eye contact for live and online audiences. Managing stage fright will also be addressed.

**E27 - Structured Reading**

Grades 9, 10, 11

½ credit

Structured Reading hones the literacy skills of reading, writing, speaking, listening, viewing, and creating through structured study of specific skills and techniques. Emphasis is placed on reading comprehension and speed through instruction in vocabulary, word relationships and analogies, pre-reading technique, skimming, scanning note taking, patterns of text organization, main idea, inference, and drawing conclusions. Speed reading and practice are included to prepare students for timed, standardized reading tests, such as the PLAN, ACT/SAT and MAP testing. Background literacy is developed through the study of selected Greek mythology / classics and informational readings. Reading skills will be practiced on reading selections that match the current level of student ability as determined by a pre-test the first day of class. The course goal is at least a two-year improvement in reading and vocabulary and a 50-100% improvement in reading speed. A reader's journal will be kept of personal reading and there will be a final project on an approved book of the student's choice. Print, electronic, video, and audio resources will be utilized, covering all aspects of literacy.

**E28 - Creative Writing**

Grades 10, 11, 12

½ credit

*May be taken as a fine arts elective*

This course is designed for students who are interested in writing poetry and short fiction and want to gain personal satisfaction from developing their writing skills. The instruction in the course will be based on the writing process, but with many interesting additions as well. For example, while spending time revising and polishing their work and participating in peer group activities, students will also run "experiments" on their drafts to see how the addition of new literary devices affects the piece. Students are expected to practice writing every day, and writing models and practical advice from established writers stimulates, instructs, and reinforces the this learning process. By the end of the term, most students will have drafted, revised and polished over 20 pages of original poetry and fiction.

**E29 - Journalism**

Grades 9, 10, 11, 12

½ credit

*May be taken as a fine arts elective*

Students enrolled in this course will produce the school newspaper, The Prospector. They will plan issues, write and edit stories, take photographs and layout the newspaper. Students will write news, feature, sports, editorial, and in-depth stories. They will study ethics and standards, copy editing, headline writing, and interview techniques. The course will be limited or expanded to meet the needs of the students and the requirements for a good school newspaper.

**E30 - Technical and Professional Communication**

Grades 11, 12

½ credit

Technical and Professional Communications is a course designed to prepare students for the types of communication they will encounter in their careers post-Xavier High School. This course provides students with the resources and opportunities needed to hone their presentation and writing skills. The writing portion of the course will cover a variety of reports and digital communications as well as lessons on intended audience, tone, sentence structure, and document design. The presentation portion of the course will help students with organizing speeches, creating effective visuals, projecting a professional persona, and collaborating digitally. This course is open to juniors and seniors who have either collegiate or professional aspirations.

**E48 Yearbook**

Grades 9, 10, 11, 12

½ or 1 credit

*May be taken as a fine arts elective*

Students will use Josten's YearTech Online program to create and produce the Xavue, Xavier's yearbook. Students will be responsible for developing the theme, taking pictures, completing book and page layout and presenting the high school year in a fun and creative manner. Students are responsible for designing and completing assigned pages by a designated due date. The graphic design program is an online program allowing for schedule flexibility. Class meets once a week, Mondays from 7:30-8:15 am. In addition, students are expected to work on their page assignments outside of class time, including gathering information, taking pictures and designing their pages.

## Fine Arts - Art

### **F10 - Introduction to Art**

Grades 9, 10, 11, 12

1 credit

This course is designed to present fundamental art principles and theory. Areas to be covered are art history, composition and design, perspective, basic drawing and shading techniques, color mixing and application, ceramics, printing, and sculpture. This course is a requirement for students wishing to take any upper level art classes.

### **F18 - Photoshop & InDesign**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Art

Students will learn the software programs of Photoshop and InDesign to manipulate photos and desktop publishing layout and design. The emphasis is on image editing. This course is recommended for students who have an interest in journalism.

### **F19 - Arts and Crafts**

Grades 9, 10, 11, 12

½ credit

This semester course is designed for students without any previous art background. Basic art principles and techniques are taught with a multicultural emphasis. Arts from North and South America, Africa, Europe and Asia are combined with geographical and historical cultural information.

### **F25 - Two-Dimensional Design**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Art

This course will expose students to working with flat surfaces using a variety of media. This course builds on design principles taught in Introduction to Art. If you are interested in drawing, painting, commercial art, or architecture this course is for you.

### **F26 - Three-Dimensional Design**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Art (Recommended: Two-Dimensional Design)

Students will explore the use of space, volume and works of art that are free standing objects which can be viewed from different angles. Students will fabricate, carve, model and cast art objects. This is a great course for those considering careers in architecture.

### **F29 - Advanced Computer Graphics & Design**

Grades 10, 11, 12

½ credit

Prerequisite: Photoshop & InDesign

This class builds on Photoshop and InDesign with students continuing to explore the depth of Photoshop and InDesign software becoming more confident with their tools. The taking and editing of personal photographs will be a large component of this course. Students are expected to create a portfolio that displays a series of images that reflects their unique vision.

### **F35 - Drawing**

Grades 11, 12

½ credit

Prerequisite: Introduction to Art and either Two-Dimensional Design or Three-Dimensional Design (or teacher approval)

Drawing is an in-depth study of composition, contour drawing, value studies, memory drawings, landscape, figure drawings and portraits. Students will study drawings of the master artists in Western Art History.

### **F36 - Painting**

Grades 11, 12

½ credit

Prerequisite: Introduction to Art and either Two-Dimensional Design or Three-Dimensional Design (or teacher approval)

Painting is an intermediate course that will include the study of watercolor, acrylics and oil painting. Building one's own frame and stretcher and stretching canvas and watercolor paper will be taught. Different master artists and their styles and periods in history will be studied to learn their influence on art today.

**F37 - Ceramics**

Grades 11, 12

½ credit

Prerequisite: Introduction to Art and either Two-Dimensional Design or Three-Dimensional Design (or teacher approval)

This is an introduction to ceramic production which includes hand-building wheel-thrown pottery, and ceramic sculpturing. The course is self-paced with 8 required projects.

**F40 - Honors Art**

Grade 12

1 credit

Prerequisite: Introduction to Art, Two-Dimensional Design and either Three-Dimensional Design, Drawing, Painting (or teacher approval)

This course is designed for the advanced student who is confident and capable of working independently on a daily basis during their assigned period. Students will be given the opportunity to work in greater depth in a concentrated area of art of their choice with the teacher's guidance. This class will create a mural for the school. Student works may be submitted for possible advanced placement in college. Students may need to purchase some art supplies.



## Fine Arts - Music

### **F51 - Chorale**

Grades 9, 10, 11, 12

1 credit

Chorale is a preparatory group and has a primary focus on the development of important musical skills. The only prerequisite for membership in the Chorale is the ability to "match pitch." The course explores solfege-based sight reading, ear training, music theory concepts, proper vocal technique/tone production, music vocabulary, quality choral literature, and professional performance practices. Students also attend group voice lessons with the director during the school day approximately three times each term. Chorale performances include:

- Fall Choir Concert (October)
- Christmas Choir Concert (December)
- District Solo & Ensemble Festival (March) - optional event
- WSMA Large Group Festival (May)
- Spring Choir Concert (May)
- Performance trips and vocal festivals at the discretion of the director

Membership in the Chorale for at least one academic year is a prerequisite for membership in the Concert Choir and HawkSwing.

### **F52 - Concert Choir**

Grades 10, 11, 12

1 credit

Prerequisite: Audition required

The Concert Choir is the advanced choral ensemble and is limited to 60 voices. The Concert Choir focuses on repertoire from the Renaissance to the Twentieth Century, with a particular emphasis on choral masterworks and/or music of great European and American composers. Healthy and proper vocal techniques, as well as the mastery of a rich and mature choral tone, are stressed during rehearsals and performances. This ensemble maintains an active schedule with performances at festivals, liturgical settings, school concerts, and other venues and often works with guest conductors and clinicians. Mandatory Concert Choir performances include:

- Fall Choir Concert (October)
- Christmas Choir Concert (December)
- District Solo & Ensemble Festival (March) - optional event
- WSMA Large Group Festival (May)
- Spring Choir Concert (May)
- Performance trips and vocal festivals at the discretion of the director

**F50 - HawkSwing**

Grades 10, 11, 12

½ credit

Prerequisite: Audition required

HawkSwing is a vocal ensemble of 16-24 students. HawkSwing members sing and perform repertoire from the musical theatre, vocal jazz, and pop genres. Performances include school concerts, community events, KABOOM, Christmas caroling tour, and Xavier school tour. Rehearsals occur before school two mornings each week, with the possibility of extra rehearsals being added closer to performances. Auditions for this ensemble occur in the spring of each academic year and students are expected to be dedicated to the group for the entire academic year. Students in HawkSwing are also required to be in Concert Choir concurrently. HawkSwing meets two mornings per week before school throughout the school year.

**F54 - Introduction to Music Theory**

Grades 9, 10, 11, 12

½ credit

This course is designed to teach music literacy and to increase students' knowledge of music beyond performance. Students will develop the ability to recognize, understand, describe, and/or notate the basic concepts and processes of music that are heard or presented in a music score. In order to allow students to achieve a well-rounded understanding of musical structure, this course will address the basic elements of music (melody, harmony, rhythm, form, etc.), as well as compositional, analytical, and aural skills. Course concepts will be primarily based in Western music. However, attempts will be made to cross-relate certain musical ideas in order to increase appreciation of all musical traditions. This class is suggested for any student interested in learning more about music and is the prerequisite for Advanced Music Theory. This course will be especially useful for students who plan to pursue music in a post-secondary environment.

**F55 - Advanced Music Theory / AP Music Theory**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Music Theory (or teacher approval)

*Offered only during school years of odd graduation years (2018-2019 school year)*

This course follows the Advanced Placement Music Theory curricular model and will continue the study of the fundamentals of western music theory learned in Introduction to Music Theory. The course will further the study of part writing, composition analysis, ear training, chords and scales. This course will use technology to improve composition skills as well as address specific music theory such as jazz theory. This course is a prerequisite for Compositional Techniques.

### **F56 - Compositional Techniques**

Grades 11, 12

½ credit

Prerequisite: Advanced Music Theory

*Offered only during school years of odd graduation years (2018-2019 school year)*

This course will use the skills developed in the previous two courses to write various types of music. Through the analysis of great compositions and the evaluation of the techniques used by the composer, the student will then be able to craft their own pieces of music in various styles. The class may be limited in size so that the necessary one-on-one attention needed for this type of course can be maintained.

### **F60 - Concert Band**

Grades 9, 10, 11, 12

1 credit

This class is open to any student with prior instrumental training. This group works on developing each student's musical ability through performance and analysis. Students enrolled in Concert Band will receive small group lessons in approximately six cycles throughout each semester. In each lesson we work on a combination of the following: our music, assigned scales, rhythms, and etudes. As part of the grade for class, students are required to attend the following events (all of which are posted on the band calendar which is accessible via the band webpage):

- Homecoming, Christmas and Memorial Day Parades
- Homecoming Half-time and Band Night Shows
- All public concert performances
- District Solo and Ensemble Festival
- Pep Band performances at football and basketball games

### **F61 - Wind Ensemble**

Grades 10, 11, 12

1 credit

Prerequisite: Audition required

This group's primary focus is the performance of advanced pieces of wind band literature. The group works on developing the students' musical ability through performance and the analysis of the music under study in addition to one or two small projects in music composition/arranging which are related to the characteristics of the music studied in class. Students enrolled in Wind Ensemble will receive small group lessons in approximately six cycles throughout each semester. Each lesson we work on a combination of the following: our music, assigned scales, rhythms, and etudes. As part of the grade for class, students are required to attend the following events (all of which are posted on the band calendar which is accessible via the band webpage):

- Homecoming, Christmas and Memorial Day Parades
- Homecoming Halftime Show and Band Night Shows
- All public concert performances and a minimum of 10 pep band performances
- District Solo and Ensemble Festival

### **F63 - Jazz Ensemble I**

Grades 10, 11, 12

½ credit

Prerequisite: Audition required

Jazz Ensemble I meets two mornings a week before school. The class will focus on the study and performance of the new and classic music for jazz ensemble as well as the theory and practice of improvisation on their instrument. Performances include but are not limited to various festivals, the spring guest artist concert and Solo and Ensemble. Jazz Ensemble I has regular requests for performance at local churches and community events and every effort is made to give members advance notification that we might be able to represent Xavier at these public events.

### **F64 - Jazz Ensemble II**

Grades 9, 10, 11, 12

No Credit

Jazz II is a jazz ensemble offered to any band student who would like to learn more about jazz and/or start to learn a jazz instrument. Students do not need any prior experience playing jazz. Jazz II meets for an hour once a week after the musical ends. Jazz II may perform at the UW Stevens Point Jazz Festival, Kaboom and in the Jazz Solo/Ensemble Festival. Any student interested in joining may do so by speaking with the band director.

### **F93 - Orchestra**

Grades 9, 10, 11, 12

1 credit

The group's main focus will be to build ensemble techniques through performance. The repertoire used in the course is drawn from Baroque through 20th Century music. Students meet for approximately six private lessons per term to work on basic technique through scales, etudes and concert music. Students have the opportunity to perform solos and small ensembles at WSMA Festivals as well as a required class performance at this event. As part of the student's grade for orchestra, students are required to participate in the following events:

- Fall Concert (October)
- Marquette University String Festival (November)
- Winter concert (February)
- WSMA District Solo & Ensemble Festival (March)
- WSMA State Solo & Ensemble Festival (April)
- Spring Concert (May)
- Performance trips and festivals at the discretion of the director

## Fine Arts - Theatre & Communication

### **F71 - Acting I**

Grades 9, 10, 11, 12

½ credit

This course is for students interested in stage performance in musicals, non-musicals, and Children's Theatre. The course covers performance techniques, body language, character development, ensemble work, improvisational skills and vocal inflection, for actors and speakers. Work on public speaking skills in a creative way. Study the history of theatre/acting, styles of theatre, audition preparation and a working vocabulary for the stage. Students work in small group scenes, pairs and monologues and those with some acting experience will be challenged to expand their repertoire. Preparation for auditions will be part of the curriculum. Students will be expected to participate in an end of term presentation of a monologue, duet or small group scene. No prior experience necessary - this is a place to learn and grow.

### **F73 - Children's Theatre Production**

Grades 9, 10, 11, 12

½ credit

Prerequisite: Acting I or Technical Theatre Production (or teacher approval)

Become a part of an exciting tradition and apply what you know! Students in this class will produce a show for a young audience (PreK - 5th grades) with performances held at the end of the term. . Technicians (lights, sounds, crew) and actors may participate. Each show is followed by a "talk back" in which our students become the teachers and talk to the audience about the show. All students will work on production tasks including set building, lighting, sound, costume construction, and publicity. Ninety percent of rehearsals are during class hours. Some production hours and rehearsals/performances outside of class are required. It is possible for students to participate in the mainstage musical and/or spring play while taking this class as performances are not at the same time. All experience and ability levels accepted. May be taken multiple times for a student to build a repertoire of characters and theatre experience (see Advanced Theatre Production).

### **F72 Advanced Theatre Production**

Grades 10, 11, 12

½ credit

Prerequisite: Children's Theater Production

Theatre students (both acting and technical crew) who take Children's Theatre Production more than once will register for Advanced Theatre Production after their first term. The expectation is that as students become more knowledgeable and skilled through experience, they will take on more responsibility with each new production. Over time students can work their way into design positions, stage management, choreographer or student director.

Students have the potential to work on 4-8 different Children's Theatre productions over the course of their high school career providing them with new theatre problems to solve, characters to develop and skills to learn each time.

### **F74 - Technical Theatre Production**

Grades 9, 10, 11, 12

½ credit

Students who like hands-on learning will enjoy this class! We cover information on light, sound, make-up, costumes and scenery construction. Learn about and work with a variety of tools and paint implements. The focus of the class will be creative problem solving, critical thinking and teamwork with theatre as the main medium. The final project will be in the area of scenic design. The class works on the fall musical, Christmas Stars, and at least one other production. Students who excel and demonstrate good judgement, respect and responsibility may be asked to work on a particular show crew or as part of a team handling events and rentals in the theatre. After school hours are required for this class. Schedules will be provided at the start of the term.

### **F75B - Improv/ Acting Troupe**

Grades 10, 11, 12

½ Credit

Prerequisite: Acting I or audition

Students will learn basic, intermediate, and advanced improvisational skills through use of respected improvisation education techniques such as Viola Spolin's Theatre Games, sketch writing practice, and continued practice of presentation and acting skills using voice and body language. Skills learned will be put into practice by delivering "social action" content to elementary and middle school students. This troupe will also be "on call" for events in which a group of actions is requested and will seek other creative ways to be of service using the art of theatre. This class meets before first block on Wednesdays and Fridays throughout the school year.

**F81 - Media Basics**

Grades 9, 10, 11, 12

½ credit

Students will study mass communications with an emphasis on concepts and ethics of producing electronic media in the forms of video and audio projects. Skills will be developed in the areas of pre-production planning using storyboards and scripts; production techniques such as interviewing, on-air presence, camera angles etc.; and post-production techniques using both online and computer-based editing software. Software used includes i-Movie, FinalCut, and Garage Band.

**F82 - Media Production**

Grades 10, 11, 12

½ credit

Prerequisite: Media Basics (or teacher approval)

Students will build upon skills learned in Media Basics to produce a variety of videos for their own portfolio, community groups, and schools. Participants will work with FinalCut and AfterEffects digital editing software for mixing and editing. There is an emphasis on working as a production team and continuing to build individual skills in this class.

**E28 - Creative Writing**

Grades 10, 11, 12

½ credit

*May be taken as an English elective*

This course is designed for students who are interested in writing poetry and short fiction and want to gain personal satisfaction from developing their writing skills. The instruction in the course will be based on the writing process, but with many interesting additions as well. For example, while spending time revising and polishing their work and participating in peer group activities, students will also run “experiments” on their drafts to see how the addition of new literary devices affects the piece. Students are expected to practice writing every day, and writing models and practical advice from established writers stimulates, instructs, and reinforces the this learning process. By the end of the term, most students will have drafted, revised and polished over 20 pages of original poetry and fiction.



**E26 - Speech**

Grades 9, 10, 11, 12

½ credit

*May be taken as an English elective*

This elective aims to develop the students' skills for effective communication through speech. Students will gain a better understanding of their speaking strengths and weaknesses through writing and presenting speeches. Besides learning to be more effective speakers and listeners, students will develop skills needed for audiences ranging from one-to-one to large group communication. Students will prepare and deliver a variety of speeches which are designed to develop skills in vocal control, gestures, facial expression and eye contact for live and online audiences. Managing stage fright will also be addressed.

**E29 - Journalism**

Grades 9, 10, 11, 12

½ credit

*May be taken as a fine arts elective*

Students enrolled in this course will produce the school newspaper, The Prospector. They will plan issues, write and edit stories, take photographs and layout the newspaper. Students will write news, feature, sports, editorial, and in-depth stories. They will study ethics and standards, copy editing, headline writing, and interview techniques. The course will be limited or expanded to meet the needs of the students and the requirements for a good school newspaper.

**E48 Yearbook**

Grades 9, 10, 11, 12

½ or 1 credit

*May be taken as a fine arts elective*

Students will use Josten's YearTech Online program to create and produce the Xavue, Xavier's yearbook. Students will be responsible for developing the theme, taking pictures, completing book and page layout and presenting the high school year in a fun and creative manner. Students are responsible for designing and completing assigned pages by a designated due date. The graphic design program is an online program allowing for schedule flexibility. Class meets once a week, Mondays from 7:30-8:15 am. In addition, students are expected to work on their page assignments outside of class time, including gathering information, taking pictures and designing their pages.

## Health/Physical Education

### **G16 - Physical Education**

Grades 9, 10, 11, 12

½ credit

Physical Education provides students with the knowledge-base and skill-set to live longer, happier, and more productive lives. One and a half credits are required for graduation (3 terms). During each term, specific but diverse units will be covered. Students are therefore encouraged to choose their PE courses for a mixture of terms; resulting in more variety in units.

*Considering the conditioning, weight-lifting and time spent in athletic practices, a student may earn a half-credit of Physical Education by participating in at least six seasons of WIAA-sanctioned sports, Dance & Drill Team, Cheerleading, or Powerlifting and the athlete must participate in at least two seasons in each of at least three different years (it can be any combination of sports). At least three of the six seasons must be in WIAA-sanctioned sports. The student must be a full participant and finish the season in each sport and submit a form, signed by the athletic director verifying this information upon completion of this participation, to the Guidance Department. A student may only earn one half credit for Physical Education by this alternative method. The grade given will be a "P" for Pass on the transcript.*

### **G22 - Health Education**

Grade 9

½ credit

Health Education provides our students with a knowledge-base and skill-set to live longer, happier, and more productive lives. With a focus on mental health, social health, spiritual health, nutrition, substance abuse and preventive disease, our students are truly prepared to positively manage their lives.

### **G32 - Child Development**

Grades 10, 11, 12

½ credit

This course introduces basic health, nutrition and safety management practices for children throughout their development. It covers healthy relationships, pre and post-natal care and effective childcare and parenting. It is designed to increase understanding of the basic concepts of child development and the developmental characteristics (including social, physical, emotional and intellectual growth) of children from birth through adolescence. This course is an ideal selection for anyone planning on working with children or considering having a family one day.

## Interdisciplinary Offerings

### **IN11 - Project Based Learning - Contemporary Issues**

Grades 9, 10, 11, 12

½ credit

This course is designed to help students develop life-long learning skills in a project-based, community-focused workshop. Students will conduct community-specific research, identify and propose solutions to real-world problems, and plan and produce professional communications in multiple genres. In addition, students will plan an experience in which they will turn a personal passion into an academic course of study.

### **D11 - Study Skills**

Grades 9, 10

½ credit

This course teaches students how to study and learn more effectively and efficiently, emphasizing organizational skills and the development of a positive attitude and successful mindset. Techniques taught to students: goal-setting, time management, learning styles, listening skills, note taking, studying and test taking skills for both objective and essay tests, memory skills, reading strategies, term paper time-savers, public speaking, interpersonal communication, stress management.

### **P15 - Introduction to Foods**

Grades 9, 10, 11, 12

½ credit

This course is a basic introduction to different types of food and learning how to cook, measure, read a recipe, understand cooking terms, and the names and use of utensils used in food preparation. The students will enrich their eating experiences by sharing and trying new recipes, preparing the food, evaluating the product, looking at the seasoning for foods, and budgeting.. Students will also work with small appliances using a variety of cooking techniques. The relationship between food, nutrition, time, and planning are worked on the labs.

**P25 - Advanced Foods**

Grades 10, 11, 12

½ credit

Prerequisite: Introduction to Foods or teacher approval

Take this fun course to cook irresistible recipes from around the world. This course takes the student beyond a general Introduction to Foods. Students can learn why different countries cook the foods they do, menu planning, and the chemistry behind cooking and preparing food. A unit on canning and freezing foods will also be taught. Health and nutrition is also incorporated throughout the course.

# Mathematics

## **M19 - Algebra 1/2**

Grade 9

1/2 credit

Prerequisite: Recommendation of middle school math instructor

This course serves as a transition from middle school math to Algebra 1. Emphasis will be on pre-algebra concepts to build a foundation for success in Algebra 1. This course will be taught as a block class during 1st term, so that students who successfully complete this course are able to move in to Algebra 1 during 2nd term.

## **M15 - Algebra 1**

Grades 9, 10

1 credit

This course contains the standard topics of Algebra 1 such as the structure of real numbers; solving, graphing and analyzing linear equalities and inequalities; and solving, graphing and exploring polynomial equations. The course also integrates introductory geometry and statistics/probability.

## **M10 - Honors Algebra 1**

Grade 9

1 credit

Prerequisite: Recommendation of previous instructor

This course contains the standard topics of Algebra 1 such as the structure of real numbers; solving, graphing and analyzing linear equalities and inequalities; and solving, graphing and exploring polynomial equations. The course also integrates introductory geometry and statistics/probability. These topics will be covered in greater depth with more challenging problems and a greater emphasis on problem solving than Algebra 1.

**M25 - Geometry**

Grades 10, 11

1 credit

Prerequisite: Algebra 1

This course covers the essential topics in geometry: concepts such as congruence; similarity; perpendicular and parallel lines; quadrilaterals; right triangle trigonometry; circle relationships; polygons; surface area and volume of three-dimensional solids; as well as coordinate and transformational geometry. Fundamentals of deductive and inductive logic are presented using mathematical proofs, geometric proofs and real-world problem solving as tools.

**M20 - Honors Geometry**

Grades 9, 10

1 credit

Prerequisite: "AB" or better in Algebra I or "B" or better Honors Algebra 1, recommendation of previous instructor.

This course covers the essential topics in geometry, concepts such as congruence; similarity; perpendicular and parallel lines; quadrilaterals; right triangle trigonometry; circle relationships; polygons; surface area and volume of three-dimensional solids; as well as coordinate and transformational geometry. Fundamentals of deductive and inductive logic are presented using mathematical proofs, geometric proofs and real-world problem solving as tools. This course will include all topics covered in Geometry, but the topics will be covered in greater depth with more challenging problems and a greater emphasis on problem solving.

**M29 - Intermediate Algebra**

Grades 11, 12

1 credit

Prerequisite: Geometry

This course extends the topics learned in Algebra 1 including solving equations and inequalities, graphing and solving linear equations, introductory statistics and graphing and exploring polynomial functions. Uses of mathematics in real world situations will be emphasized. Successful completion of this one-credit course will prepare students to take Algebra 2. Students will need to complete Algebra 2 and Trigonometry to be prepared for college.

**M35 - Algebra 2**

Grades 10, 11, 12

1 credit

Prerequisite: "C" or better in Algebra 1 and Geometry

This course extends the topics of algebra, including analyzing of linear equalities and inequalities, exploring various functions (such as quadratic, polynomial, exponential and logarithmic functions), and introducing analytic geometry through the study of conic sections. Emphasis will be on the quadratic formula and its application.

**M30 - Honors Algebra 2**

Grades 9, 10, 11, 12

1 credit

Prerequisite: "B" or better in Honors Geometry or "AB" or better in Geometry, and teacher approval

This course extends the topics of algebra, including analyzing linear equalities and inequalities, exploring various functions (such as quadratic, polynomial, exponential and logarithmic functions), introducing analytic geometry through the study of conic sections, and examining discrete mathematics. As an honors course, the topics will be covered in greater depth with a greater emphasis on problem-solving in order to prepare student for more advanced mathematics.

**M36 - Trigonometry**

Grades 10, 11, 12

½ credit

Prerequisite: "BC" or better in Algebra 2

This rigorous one-term course completes the topics of right triangle trigonometry, unit circle trigonometry, vectors, and trigonometric identities. Trigonometry will be explored as a tool for solving problems and as a precursor to more advanced mathematics.

**M38 - Pre-Calculus**

Grades 10, 11, 12

½ credit

Prerequisite: "AB" or better in Algebra 2 or "B" or better in Honors Algebra 2

This one-term course is designed to be a rigorous course for students preparing to take Calculus or College Credit/AP Calculus. It will cover in greater detail the topics of advanced algebra, function notation, graphing polynomial functions, rational functions, logarithmic and exponential functions and it will begin to explore the concepts of limits.

### **M48 - Advanced Algebra/Trigonometry**

Grade 11, 12

1 credit

Prerequisite: Algebra 2

This course prepares students for college level algebra. Emphasis will also be placed on preparing students for the ACT. It is designed as a fourth-year math course who do not want or need Pre-Calculus or Calculus. Topics include more advanced equation solving, an extensive study of the concept of functions including polynomial, rational, logarithmic and exponential functions as well trigonometry concepts reviewing solving triangles, converting degrees and radians, and exploring trigonometric identities.

### **M40 - Calculus**

Grades 11, 12

1 credit

Prerequisite: "BC" or better in Pre-Calculus and Trigonometry

This course is to be taken by students who are not interested in or do not meet the requirements for College Credit/AP Calculus, yet are still interested in preparing for fields in college where calculus may be a requirement. This course will not be sufficient to meet the requirements of a college level calculus course but will give excellent background for any student wishing to take such a course. Topics include limits, the derivative and some of its applications, and the integral and some of its applications.

### **M43A - College Credit/AP Calculus**

Grades 11, 12

1 credit/ 4 college credits

Prerequisite: "AB" or better in Pre-Calculus and Trigonometry, and teacher approval

The course will cover the topics of limits and continuity, the derivative, tangent lines to a curve, applications of the derivative, definite integrals, indefinite integrals, transcendental functions, integration techniques and applications of the integral including area under a curve, the integral as a net change and volumes of solids of revolution.

This is a college level course. College credit may be obtained in one of the following ways:

- St. Norbert College: Course is taught to the standards of St. Norbert College Math 131. **Students will be responsible for additional tuition through St. Norbert College. Please see page 5 for approximate tuition.**
- AP Exam: Those students not opting to take this course for St. Norbert credit may take the AP test in May and potentially qualify for college credit.



**M51 - Statistics and Probability**

Grades 11, 12

½ credit

Prerequisite: Honors Algebra 2 or Algebra 2

This course prepares students for many different disciplines and occupations, particularly areas that manipulate data and statistics such as medicine, business, law, actuarial science (insurance industry) and many others. In this course, students will be able to recognize and use the terminology of statistics. They will collect, interpret and present numerical data, will use computer software to perform statistical calculations and analyses, and apply statistical concepts as a basis for rational decision-making. Statistical concepts covered are graphs, measures of central tendency, correlations, least squares regressions, random samples, designing experiments, probability, central limit theorem and inference.

**M71 - AP Statistics**

Grade 11, 12

1 credit

AP Statistics is an introductory non-calculus blended-based college course in statistics. The course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to four broad conceptual themes: analyzing data - looking for patterns and departures; producing data - surveys, observational studies and experiments; probability and random variables - foundations of inference; and inference - conclusions with confidence.

# Science

## **S11 - Laboratory Science Foundations**

Grades 9, 10

1 credit

The objective of this course is to prepare students for the type of abstract, higher-order, critical thinking skills that are necessary for the rigors of lab courses. This course is activity-centered, stressing laboratory skills and problem solving techniques. Course material will include designing science experiments, proper use of a wide range of science equipment, measurement, data collection, data analysis (computational skills), graphing, and writing scientific reports. Core concepts from biology, chemistry and physics will be taught through laboratory work to prepare students to be successful in laboratory exercises in future science courses. Proper format for lab reports will be taught and used throughout the course. The course will close with a competency exam. The exam, course grade, and teacher recommendation will be required for a placement in an honors course for sophomore year.

## **S19 - Accelerated Laboratory Science Foundations**

Grade 9

½ credit

This course is also designed to prepare students for the type of abstract, higher-order, critical thinking skills that are necessary for the rigors of lab courses, but the pace and rigor of this course are for the students that have the desire to advance in higher level science courses offered at Xavier. Students taking this course will need to process and apply the information taught within a shorter period of time. This course is for internally motivated students who have had high success in 8th grade science and have strong math skills. Students that choose this course should register for S13 - Introduction to Physics to complete their credit of science for grade 9.

## **S12 - Introduction to Chemistry**

Grades 9, 10, 11, 12

½ credit

Prerequisite: "C" or better in Laboratory Science Foundations

Students considering AP Biology and/or Honors Chemistry are required to take this class as a prerequisite. This course will be laboratory intensive focusing on the fundamentals of chemistry. Topics covered will include the periodic table, radioactivity, physical and chemical changes, atoms and bonding, chemical reactions, and thermal energy.

**S13 - Introduction to Physics**

Grades 9, 10, 11, 12

½ credit

Prerequisite: Laboratory Science Foundations

This course is designed to discover the theories behind the physics of nature by experimentation, research and student-directed discussion. Topics to be discussed in detail are one dimensional motion, fluids, and Newton's laws of motion. The focus of this course is to discover how things work.

**S25 - Biology**

Grades 9, 10, 11

1 credit

Prerequisite: Laboratory Science Foundations

This course takes a balanced approach to the areas of cell biology, genetics, evolution, and the anatomy and physiology of protists, plants, and animals. Through lab, lecture and discussion, all of the modern biological theories are examined. By emphasizing investigation and inquiry, the student will gain a better understanding of the way science works in the real world. An emphasis on the ethics involved in each area attempts to improve the overall respect for life and the environment in which the student lives.

**S30 - Honors Chemistry**

Grades 10, 11, 12

1 credit

Prerequisites: Algebra 2 (concurrent enrollment allowed), "A" in Laboratory Science Foundations and Introduction to Chemistry or a recommendation from a science teacher

This is an accelerated course for those who will pursue careers in a science-related field. In addition to the topics covered in Chemistry, solution chemistry will be introduced and chemical reactions will be studied in depth.

**S31 - Advanced Chemistry**

Grades 10, 11, 12

½ credit

Prerequisites: "BC" or better in Honors Chemistry or "A" in Chemistry with a recommendation from a science teacher

This course is a continuation of Honors Chemistry with a greater emphasis on laboratory techniques. Content will include a more in-depth investigation into solutions, solubility, titration, reaction kinetics, chemical equilibrium, and Redox equations.

**S35 - Chemistry**

Grades 11, 12

1 credit

Prerequisites: Laboratory Science Foundations and Biology

Chemistry consists of two half-credit courses where the first course focuses more on chemical equations and requires less mathematics than the second half, which emphasizes application. Students are encouraged to complete both courses in order to be adequately prepared for college chemistry.

**S41 - Human Anatomy and Physiology**

Grades 11, 12

1 credit

Prerequisite: Biology, Chemistry and teacher approval

This laboratory course is designed to give students knowledge of the fundamentals of human body structure and function. It will serve as a strong background for students pursuing nursing, physical education, medical technology, and other health-related professions. Students will be encouraged to use both intuitive and deductive reasoning to arrive at their conclusions.

**S201 - PLTW Principles of the Biomedical Sciences (PBS)**

Grades 10, 11, 12

1 credit

Prerequisite: Biology

Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. Students have the potential to earn college credit.

### **S42 - AP Biology**

Grades 11, 12

1 ½ credits

Prerequisite: Chemistry and teacher approval.

This course is designed to be the equivalent of a college introductory biology course. It aims to provide students with a conceptual framework and analytical skills necessary to deal critically with the rapidly changing field of biology. Through lecture, extensive laboratory work and reviewing scientific journals students will study the topics of biochemistry, evolution, cell biology, cell communication and energy conversion, cell control, and ecology. The primary goal in Advanced Placement Biology is to develop the understanding of themes and concepts that will be applied in a variety of living systems from cellular through the ecosystem level.

### **S43 - Genetics**

Grades 11, 12

½ credit

Prerequisite: Biology, Chemistry and teacher approval

Based on the understanding of the Watson and Crick's model of the molecular structure of DNA, the course will look at the mechanics of replication, transcription and translation, gene expression and control, the cause of mutations, genetic engineering and the role of viruses, the mobility of genes, DNA sequencing and its applications, and finally genetically based diseases their cause and effect. This is a lab-based course taught after AP Biology that will employ the course work covered in AP Biology.

### **S45 - Physics**

Grades 11, 12

1 credit

Prerequisite: Algebra 2

This course is intended to provide a thorough understanding of the laws of physics by utilizing a hands-on approach. One semester will concentrate on mechanics (motion, forces and energy) and the other semester will concentrate on waves, sound, light and optics.. Discovery labs will be used to develop critical thinking skills. Projects will be used to relate the concepts to real life. It is possible to take only ½ credit of this course.

### **S47 - AP Physics 1**

Grades 11, 12

1 credit

Prerequisite: Trigonometry

The AP Physics 1 course has been designed by the College Board as a course equivalent to an algebra-based college-level physics class. Heavy emphasis is given on problem analysis and hands on activities. In many instances the concepts are developed or verified using laboratory experiences. The central goal of the class is to develop critical thinking skills, experimental design and analysis of data using graphical and mathematical methods in order to achieve a clear conceptual understanding of the laws of physics and their applications to real-life situations. The first half of the course will concentrate on mechanics while the second half will concentrate on waves, sound, light, and electricity.

### **S51 - PLTW Environmental Sustainability (ES)**

Grades 10,11,12

1 credit

In ES, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply issues, and renewable energy. Applying their knowledge through hands-on activities and simulations, students will research and design potential solutions to these true-to-life challenges. Students have the potential to earn college credit.

### **S52 - Marine Biology**

Grades 10, 11, 12

½ credit

Prerequisite: Minimum of a 2.0 GPA and teacher approval

*Offered only during school years of odd graduation years (2018-2019 school year)*

The beauty and mystery of the oceans fascinates us and we are often stunned by the immense power of the sea. This course will focus on the interaction of humans with the ocean environment. Students will investigate marine ecosystems by integrating the study of organisms that live in the sea with the study of the challenges imposed by the surrounding environment, especially human impacts. The class will take a global perspective by emphasizing marine life in an integrated system and focusing on a one world ocean that influences all our lives.

The course will culminate in a marine expedition to a Marine Lab Education Center in a tropical environment. The course will be organized around evening classes during third and fourth term, February through April. **The tropical research trip requires additional payment.**

# Social Studies

## **T15 - Introduction to Western Studies**

Grade 9

½ credit

This course focuses on the ancient civilizations of Greece, Rome, Byzantium, the Middle Ages and the Renaissance. The second focus of the course is to improve the writing, research, reading and critical thinking skills of the students.

## **T25 - World History**

Grade 10

1 credit

This course presents a global view of world history. It will trace the post-Renaissance world to modern times. The course includes units on Post-Renaissance, Age of Revolutions, World Wars and the Cold War. The course will also discuss the role of the Catholic Church throughout events in world history. The course content is covered through written assignments, experiential exercises, videos and discussions.

## **T22 - AP World History**

Grade 10

1 credit

Prerequisite: "A" average in Introduction to Western Studies and English 9 (or teacher approval)

This Advanced Placement course presents a global view of world history. It will trace the beginnings of Western thought from the Greeks to modern times. The course includes units on Pre-Renaissance, Age of Revolutions, World Wars and the Cold War. The course will also discuss the role of the Catholic Church throughout events in world history.

The course will incorporate primary and secondary readings, in addition to critical analysis of these documents. The course content is covered through written assignments, experiential exercises, videos and discussions.

## **T26 - Human Geography**

Grades 9, 10, 11, 12

½ credit

This course is designed to have the students explore various regions of the world. The course is intended to provide students a global perspective of the world by not only studying the geographic makeup of the earth, but also learning about the cultural, economic, and historical interdependence of regions and nations.

### **T29 - AP Human Geography**

Grades 9, 10, 11, 12

½ credit

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

### **T27 - Cultural Diversity**

Grades 10, 11, 12

½ credit

This course is designed to help students increase their awareness of the social concerns of special populations. Designed for students who have an interest in psychology or any human relations field, this course will involve a heavy concentration of field experiences. The students will be expected to immerse him/herself into situations and/or different cultures to really get a feel for the life experiences of the poor, mentally ill, developmentally disabled, American Indian, Hmong, Hispanic and African American, among other special populations. The students will bring these experiences back into the classroom for discussions and personal reflection which will help the student better understand the situations unique to people of special populations. A major goal of this course is to provide students with a larger world view and thus better equip them to experience diverse situations with a more Christian attitude.

### **T28 - Mock Trial**

Grades 9, 10, 11, 12

½ credit

Prerequisite: Freshmen must be enrolled in Honors English (or teacher approval)

Mock Trial is an applied look at the American legal system. It is designed to stimulate and to encourage a deeper understanding of legal decisions and practices. Students will be provided the opportunity to participate actively in the judicial process. Simulations and legal debate will be applied to the mechanics of court procedures and mock trials. Taking the roles of prosecution, defense, judge and jury will provide a "hands on" approach to the legal system. The purpose of the course is to provide students the opportunity to develop effective communication skills, knowledge of court procedures, and understanding of case law and landmark Supreme Court decisions.

Auditions for the competitive Mock Trial Teams are held in November. These are independent of this class.



### **T35 - U. S. History**

Grade 11

1 credit

This course is a highly integrated program that provides students with a practical and motivational approach to U. S. History. Students will sharpen their skills as critical and reflective thinkers. The course will expose the students to a variety of teaching strategies including cooperative learning, lecture, film and research. The first half of the course examines history from the end of the 19th Century through with the Cold War. The second half begins with the election of 1960 and ends in the early 2000s.

### **T70 - AP U. S. History**

Grades 11, 12

1 credit

Prerequisite: Teacher approval, "AB" or above in both English and World History.

This advanced U.S. History course follows a chronological framework from Colonial America through the Cold War and into modern America. A thematic analysis will be incorporated throughout by studying documents, essays and specialized works of famous historians. The course will employ a well-balanced and challenging collection of materials including the textbook, organized assignments, primary documents and a book of "readings" of individual interpretive articles. Substantial independent research work will be required.

### **T40 - College Credit Macroeconomics**

Grades 10, 11, 12

½ credit / 3 college credits

Prerequisite: Passing grade on UW-Fox Valley placement tests in math and English.

The emphasis of this course is on macro analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies, and economic growth.

**Students will be responsible for additional tuition through UW-Fox Valley. Please see page 5 for approximate tuition.**

### **T41 - Government**

Grades 11, 12

½ credit

The objective of this class is to offer a survey of American government content as well as prepare students for community, state and federal citizenship. American government is a one-term course designed to introduce fundamental concepts and stimulate critical thinking, decision-making and experiential-learning applications through simulation and debate. Students will be exposed to communication skills necessary in active citizenship. Decision-making frameworks will be used to form viewpoints on historical and present day issues. Students will participate in oral discussion and debate.

### **T73- College Credit American Government**

Grades 11, 12

1 credit / 3 college credits

Prerequisite: 3.25 GPA and ½ credit of US History plus teacher approval

Students will analyze the decision-making structure and processes of the American national government, including the role of political parties and interest groups, and the value preferences within American society which affect the formation of public policy. Each branch of the federal government will be analyzed in addition to incorporating current events into weekly discussion.

As part of the Cooperative Academic Partnership Program (CAPP) at UW-Oshkosh, this course is offered for two terms in order to earn three college credits in Political Science. **Students will be responsible for additional college tuition through UW-Oshkosh. Please see page 5 for approximate tuition.**

### **T44 - Psychology**

Grades 10, 11, 12

½ credit

The central focus of this class is to give an introduction to the field of psychology. Students will explore various facets of the human mind in search of a greater understanding of themselves and others. Some topics included in this course are personality, brain functions, conditioning/learning, abnormal behavior, and gender differences. Active participation in class discussions, experiments, team projects, daily reading assignments and presentations are essential for success in this course.

### **T60 - AP Psychology**

Grades 11, 12

1 credit

Prerequisite: "AB" or above in World History and either Biology or Honors Chemistry. All seniors are eligible upon teacher approval

AP Psychology is designed to introduce students to the systematic and scientific study of behavior and mental processes. The course will cover a broad range of topics from brain physiology to social behavior. The aim of this course is to provide a learning experience equivalent to an introductory college psychology course.

### **T99 College Credit Introduction to Sociology**

Grades 11, 12

½ credit / 3 college credits

Introduction to Sociology is a social science course designed to introduce students to the basic concepts of the intercultural discipline of sociology. Emphasis is given to the following special areas: culture, socialization, social stratification and the five institutions, including family, politics, economics, religion and education. Examples of other topics include: demography, deviance, technology, environment social issues, social change and social organization. **Students will be responsible for additional tuition through UW-Fox Valley. Please see page 5 for approximate tuition.**

# Theology

## **R09 - Basic Christianity**

1 credit

Prerequisite: International student status

This course is designed to introduce international students, with no prior experience of Christianity, to the basics of Catholic Christianity. Emphasis will be placed on the fundamental pillars of the Catholic Christian faith including the Bible, the sacraments, and the Church. Students will receive an overview of the Roman Catholic faith and will acquire an understanding of Catholicism in the world and in daily life at Xavier. The goal of the class is to prepare and equip international students with the foundations necessary to be successful in studying the other St. Francis Xavier High School theology classes.

## **R13 - Freshman Theology**

Grade 9

1 credit

This course will explore God's redemptive work in history through the establishment of a Covenantal relationship with the Chosen People of Israel. The unfolding of the Israelites' understanding of monotheism and how they saw God active in their lives will be examined. Students will develop an appreciation for the Hebrew Scriptures as a precursor for the New Testament Covenant through Jesus. The topics that will be covered include: development, structure and use of the Bible; creation and the spread of sin; the patriarchs (covenant); the Exodus, desert wanderings and covenant at Sinai; the entry into Canaan; establishment of the monarchy and the split of the Kingdom; and the role of the prophets. Throughout these periods students will examine how God acts through history to repair the damage done by sin and how this work is fulfilled in the person of Jesus Christ. Students will learn that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

## **R21 - Sophomore Theology**

Grade 10

1 credit

The purpose of this course is to help students understand what God has done for us through His Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is made possible through the redemption Christ won for us. The course will also cover a study of the nature and mission of the Church, particularly, looking at her origins, purpose, and early history. Students will also be introduced to what it truly means to be a disciple of Christ and what life as a disciple entails.

**R31 - Junior Theology**

Grade 11

1 credit

Starting with a foundation of Catholic moral teaching, 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, especially the poor and vulnerable, is reflected today in the Church's social teaching and mission. Students will also learn they can encounter Christ today in a full and real way through the sacraments. Each of the sacraments will be examined in detail so the students learn how they may encounter Christ throughout his/her life.

**R47 - Senior Theology**

Grade 12

1 credit

This course begins with the relationship between Jesus and the Catholic Church. It then examines the Catholic Church's teachings on ecumenism and her specific relationships with Orthodox Churches, ecclesial communities, and members of the Jewish, Hindu, Muslim and Buddhist faiths. The second half of the course examines the theological, social, cultural, political and institutional factors that have impacted the development of the Church throughout history.

# World Languages

## **L15 - Chinese 1**

Grades 9, 10, 11, 12

1 credit

This first level of Chinese provides students with materials that encourage and require spontaneous language use in the classroom. Pinyin, basic dialogue, exercise, and grammar explanations in each unit all contribute to a systematic presentation of the structure of the language. The contents of each lesson are taken from everyday life that represents the mainstream of contemporary Chinese culture and civilization. The course emphasizes basic skills of listening comprehension, reading, speaking and writing.

## **L25 - Chinese 2**

Grades 9, 10, 11, 12

1 credit

Prerequisite: Minimum of "C" average in Chinese 1 or teacher approval.

Chinese 2 aims to develop listening, speaking, reading and writing skills beyond the beginning level. Students will review previously learned pinyin system, grammatical structures and increase their ability to communicate. The course consists of repetition through partner drills and oral drills so that students attain a feeling for the various sentence and grammatical structures of the language. Students will be exposed to the cultural differences between the United States and China.

## **L35 - Chinese 3**

Grades 10, 11, 12

1 credit

Prerequisite: Minimum of "C" average in Chinese 2 or teacher approval.

Chinese 3 aims to develop listening, speaking, reading and writing skills beyond the beginning levels. This course will review previously learned characters, phrases, expressions, sentences, pinyin system, grammatical structures and increase students ability to communicate. Specific new grammar taught will include using words to indicate the past tense and future tense. Comparing cultural differences and practice in Chinese brush writing are part of the activities. This course consists of repetition through partner drills and oral drills so that students will attain a feeling for the various sentence and grammatical structures of the Chinese language.

**L45 - Chinese 4**

Grade 11, 12

1 credit

Prerequisite: Minimum of a "B" average in Chinese 3 or teacher approval

Chinese 4 emphasizes conversation, composition, reading and listening comprehension. This class further explores the Chinese language, culture, history and literature. The course focuses on verbal skills, both listening and speaking, as well as written Chinese. Course requirements include two major speeches and two research projects. Classes are conducted in Chinese.

**L55 Chinese 5**

Grade 12

1 credit

Prerequisite: Minimum of a "B" average in Chinese 4 or teacher approval

Chinese 5 aims to enhance the conversations, provide and obtain information, express feelings and emotions beyond the intermediate levels. This course will review characters, phrases, expressions, sentences, grammatical structures and increase student's ability to communicate. Comparing cultural differences and practicing Chinese brush writing are part of the activities. This course consists of recitation of poem, paragraph from text book, storytelling, story writing, repetition through partner drills and oral drills so the students will attain the confidence of the Chinese language.

**L16 - French 1**

Grades 9, 10, 11, 12

1 credit

French 1 is a beginning French course that uses a communicative approach to develop listening, speaking, reading and writing skills. Students will learn the vocabulary and language needed to communicate in French on everyday topics including home and family, daily activities, school, shopping, sports and favorite leisure-time activities. Students will also expand their understanding of culture by studying various aspects of French-speaking countries and regions.

**L26 - French 2**

Grades 9, 10, 11, 12

1 credit

Prerequisite: Minimum of a "C" average in French 1

This second level of French reviews and reinforces the basic skills and builds new vocabulary through dialogues and exercises in reading, speaking and writing. French phonetic elements are stressed for clear and correct pronunciation. Grammar continues the coverage of nouns, pronouns, adjectives, adverbs, articles and verbs. The past tense, "passé composé," will be introduced.

**L36 - French 3**

Grades 10, 11, 12

1 credit

Prerequisite: A minimum of a "C" average in French 2

In French 3, students will use cultural themes to build new vocabulary by means of activities in speaking, listening, reading and writing. Communication skills will be emphasized. Grammar presented in French 1 and 2 will be reviewed. The imperfect, future and conditional tenses will be introduced. Technology, including the online textbook, will have an important role.

**L46 - French 4**

Grades 11, 12

1 credit

Prerequisite: Minimum of a "C" average in French 3

The fourth level of French further explores the language, culture, history and literature of France. It includes a general review of all grammar structures. Specific new grammar includes the forms and uses of the present subjunctive. This course focuses on application of the language through writing, reading and speaking. Classes are conducted in French.

**L56 - French 5**

Grade 12

1 credit

Prerequisite: Minimum of a "C" average in French 4 or teacher approval

In the fifth level of French, students will continue a comprehensive review of advanced grammar and verb tenses. The course focuses on verbal skills, both listening and speaking, as well as written French. Classes are conducted in French.



**L17 - German 1**

Grades 9, 10, 11

1 credit

This course is designed for students with no previous knowledge of a foreign language. At this level, the students learn the basics of language learning, how to pronounce the language, recognize and use common phrases and understand beginning level vocabulary in its written and spoken form. Various materials have been developed along with video presentations that work in conjunction with the book. The course will also increase student awareness of the culture, traditions, history and geography of German speaking countries.

**L27 - German 2**

Grades 9, 10, 11, 12

1 credit

Prerequisite: Minimum of a "C" average in German 1

This course will expand upon and reinforce the vocabulary and grammar learned in German 1. Units will be taken mostly from the text, Komm mit!, Level 2, from which Chapters 1-10 will be followed chronologically. In addition to the text, students will read two supplementary readers in the course of the year. Students are exposed to more listening and reading skills than in the first level. Role playing, where the students write skits based on the unit vocabulary, is used to encourage the students to use the spoken word in real-life situations.

**L37 - German 3**

Grades 10, 11, 12

1 credit

Prerequisite: Minimum of a "C" average in German 2

This course will expand upon and reinforce the vocabulary and grammar learned in German 1 and 2. Units will be taken mostly from the text, Komm mit!, Level 3, from which Chap. 1-8 will be followed chronologically. In addition to the text, students will read a supplementary reader during the course of the year. Students are exposed to more listening and reading skills than in the second level. Role playing, where the students write skits based on the unit vocabulary, is used to encourage the students to use the spoken word in real life situations.

### **L47 - German 4**

Grades 11, 12

1 credit

Prerequisite: Minimum of a "C" average in German 3

This course is taught entirely in German. Paperback books, German videos, articles from German magazines and CDs are used to encourage the students to speak only German in the classroom. Some of the themes discussed in the course include teenage problems of peer pressure, teenage love relationships, and other contemporary issues.

### **L57 College Credit German 5**

Grade 12

1 credit/ 5 college credits

Prerequisite: Minimum of a "C" average in German 4 or teacher approval. Students should have earned a minimum of a "B" average in German 4 and an overall GPA of 3.25 or consent of instructor to enroll for college credit.

College Credit German 5 refines the speaking, writing and listening skills learned the previous year. This course deals with social issues in German society such as the treatment of foreign German literature through a selection of short stories and plays. The course is held exclusively in German and culminates with the reading and analyzing of the novel Damals war es Friedrich.

Students may choose to earn college credit through UW Oshkosh (CAPP 204). A grade of "B" or better on the UW-Oshkosh grade scale also earns retroactive credits for previous high school work. **Students are responsible for additional college tuition through UW Oshkosh. Please see page 5 for approximate tuition.**

### **L18 - Spanish 1**

Grades 9, 10, 11, 12

1 credit

Spanish 1 is a course for students with little or no knowledge of Spanish. It aims to develop the four basic language skills of listening, speaking, reading and writing. Students will be able to understand and discuss topics related to school, home, family life, daily activities, sports and other teenage forms of entertainment. Students will learn to communicate using the present and present progressive tenses, nouns, adjectives, and pronouns. This course is also an introduction to the culture of Spanish-speaking countries, emphasizing geography and contributions of Hispanics in the U. S.

**L28 - Spanish 2**

Grades 9, 10, 11, 12

1 credit

Prerequisite: Minimum of a "C" average in Spanish 1

Spanish 2 begins with a brief review of the grammar and vocabulary of Spanish 1 and continues with further development of listening, speaking, reading and writing skills. Topics included in Spanish 2 are feelings, likes and dislikes, hobbies and pastimes, daily routines and household chores, shopping and telling stories. The past tenses—the preterite and imperfect—will be used in writing and conversation. This class is conducted in Spanish and English.

**L38 - Spanish 3**

Grades 10, 11, 12

1 credit

Prerequisite: Minimum of a "C" average in Spanish 2

Spanish 3 aims to develop listening, speaking, reading and writing skills beyond the beginning level, to review previously learned grammatical structures, and to increase students' ability to communicate especially regarding foods, the outdoors, travel, work and volunteering. Specific new grammar learned in the third year includes the future and conditional tenses as well as forms and uses of the present subjunctive. Students will express themselves at a more sophisticated level and will read, analyze and discuss simple authentic texts and short cultural readings. Class is conducted primarily in Spanish.

**L48 - Spanish 4**

Grades 11, 12

1 credit

Prerequisite: Minimum of a "C" average in Spanish 3

Spanish 4 emphasizes conversation, composition, reading and listening comprehension. It includes a systematic review of previously learned Spanish grammar, as well as the introduction of the past subjunctive, the subjunctive in adjective and adverb clauses, and if-clauses. Comparisons are made between Hispanic and North American cultures, specifically in the areas of family, education, sports, customs and traditions, the arts, and social and economic issues. Class is conducted primarily in Spanish.

### **L48 - College Credit Spanish 4**

Grades 12

1 credit / 5 college credits

Prerequisite: Minimum of a "B" average in Spanish 3 and an overall GPA of 3.25 or consent of instructor to enroll for college credit.

See Spanish 4 for a complete description. Seniors registering for college credit are expected to attain a more in-depth understanding of grammar concepts, which they will use to achieve a higher level of proficiency in understanding, speaking, reading and writing Spanish. This will be achieved through additional assignments (both guided and independent) and special focus on aural and oral skills. Only the seniors in this course may choose to earn college credit through UW Oshkosh (CAPP 248). A grade of "B" or better on the UW-Oshkosh grade scale also earns retroactive credits for previous high school work. **Students are responsible for additional tuition through UW Oshkosh. Please see page 5 for approximate tuition.**

### **L58 - College Credit Spanish 5**

Grade 12

1 credit/ 5 college credits

Prerequisite: Minimum of a "C" average in Spanish 4 or teacher approval. Students should have earned a minimum of a "B" average in Spanish 4 and an overall GPA of 3.25 or consent of instructor to enroll for college credit.

College Credit Spanish 5 is an Advanced Spanish Grammar course designed to provide a deeper understanding of the what, why and how of Spanish sentence structure as well as a guided review of the grammatical structures that are often difficult for non-native speakers. Students will also refine their listening, speaking, reading and writing skills through large and small group discussion, various writing assignments, and the analysis of authentic cultural texts, short stories and other literary works.

Students may choose to earn college credit through UW Oshkosh (CAPP 312). A grade of "B" or better on the UW-Oshkosh grade scale also earns retroactive credits for previous high school work. **Students are responsible for additional tuition through UW Oshkosh. Please see page 5 for approximate tuition.**