

XAVIER HIGH SCHOOL
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MISSION STATEMENT AND COMMITMENTS

The mission of Xavier High School is to develop the total person in a Catholic environment.

Xavier High School is part of the Tradition and Mission of the Roman Catholic Church and the Archdiocese of Dubuque. As a part of that tradition, we are committed to:

Proclaiming the Gospel of Jesus in a Catholic, faith-filled environment that motivates each student, staff member, parent and supporter to share in that mission.

Developing each person's spiritual, social, emotional and physical gifts.

Building God's Kingdom through service to our community, nurturing family relationships and modeling Christ in our everyday actions.

Creating an atmosphere of justice and trust through embracing the Gospel in our decisions and actions.

Fostering stewardship through personal commitment, responsibility and accountability to one another and our world.

Providing a learning atmosphere where creativity and innovation are honored and celebrated.

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REQUIREMENTS FOR GRADUATION

In order to graduate from Xavier High School, a student must successfully complete work in certain well-defined areas of study. The following hours of credit are REQUIRED of all students for graduation:

Theology	40 hrs
English	40 hrs
Social Studies	30 hrs
Mathematics	30 hrs
Science	30 hrs
Keyboarding	2.5 hrs
Fine Arts	5 hrs
Fitness and Wellness	20 hrs
Guidance	4 hrs

Minimum hours required: 230 for graduation

For early graduation, check procedure as outlined in the student handbook.

NOTE: Freshmen, sophomores, juniors and first semester seniors registered at Xavier must be enrolled in 30 hours of coursework each semester with a minimum of 25 hours in academic classes (60 hours per year and 50 hours in academic classes). Seniors second semester are allowed to reduce their course load to 25 hours (20 hours must be in academic classes) if they have completed their hours and requirements for graduation or will complete their hours and requirements during second semester.

GRADES - Grades are given by number, letter, pass, fail, according to achievement.

GRADE POINT AVERAGE

Cum. Ave. = All courses receiving a grade

<i>Compute:</i>	A+ 4.33	B+ 3.33	C+ 2.33	D+ 1.33
	A 4.00	B 3.00	C 2.00	D 1.00
	A- 3.67	B- 2.67	C- 1.67	D- 0.67
				F 0.00

CLASS RANK

Academic courses only, weighted according to ability groupings.

<i>Compute:</i>	A+ 40.56	B+ 30.42	C+ 20.28	D+ 10.14
Level 7	A 37.18	B 27.04	C 16.90	D 6.76
	A- 33.80	B- 23.66	C- 13.52	D- 3.38
	A+ 27.00	B+ 20.25	C+ 13.50	D+ 6.75
Level 5	A 24.75	B 18.00	C 11.25	D 4.50
	A- 22.50	B- 15.75	C- 9.00	D- 2.25
	A+ 18.00	B+ 13.50	C+ 9.00	D+ 4.50
Level 3	A 16.50	B 12.00	C 7.50	D 3.0
	A- 15.00	B- 10.50	C- 6.00	D- 1.50

Omitted from Rank: Fitness and Wellness, Dr. Ed., Guidance, Band, Chorus, Pass/Fail or courses less than 5 hours credit.

GUIDANCE

Guidance classes and individual conferences are a required combination for freshmen, sophomores, juniors and seniors. Basic areas of emphasis include: interpretation of personal data; information about vocations, college, academics, etc.; communication and listening skills; self awareness and awareness of others, goal setting, and development of positive attitudes.

We would like to assist each of you as you plan for your education and vocation. We hope to help with personal decisions by helping you gain a better understanding of yourself in relationship to the Christian and World communities. As questions and problems arise do not hesitate to contact us. We have some required, some elective and some optional programs available for all students.

Guidance

9300 Individual Counseling **Request** **Sem I/II** **0 hrs**
Individual guidance or counseling for a student may be requested by that student, by his or her parent or by a teacher. We recommend each student schedule at least one appointment per year.

9310 Freshman Guidance **Required 9** **Sem I** **1 hr**
Freshmen are required to attend nine small group sessions and one individual conference. The purpose of Freshman Guidance is to acquaint students with guidance services, to assist in adjusting to the Xavier environment, to develop a group unity and identity, to prepare students for making choices and academic decisions and to select courses for sophomore year.

9320 Sophomore Guidance **Required 10** **Sem II** **1 hr**
Sophomores are required to attend nine small group sessions to explore Career Pathways. The purpose of Sophomore Guidance is to provide students with the opportunity to explore career options, to become acquainted with the school to work initiative, to maintain contact with guidance services, to reestablish contact with a counselor and to select courses for junior year.

9330 Junior Guidance **Required 11** **Sem II** **1 hr**
Juniors are required to attend nine small group sessions for the purpose of exploring personal abilities, attitudes, values, and strengths, and to learn more about self in relation to educational and vocational options. Students are introduced to the Job Shadowing program and are encouraged to participate in it. Information is provided concerning college selection, college entrance exams, college entrance requirements and course selection for senior year..

9340 Senior Guidance **Required 12** **Sem I** **1 hr**
Seniors are required one individual conference and two small group sessions. The conferences help students finalize post-high school plans, process additional data needed to make educational and vocational decisions and answer questions and concerns about graduation requirements. The two small group sessions explore sources of financial aid.

TESTING AND SPECIAL SERVICES

I.Q. - The Cognitive Abilities Test is required for all freshmen at the beginning of each school year. This test provides basic information on student potential. This test will be scheduled in October.

I.T.E.D. - The Iowa Tests of Educational Development is required for all freshmen, sophomores and juniors at the beginning of each school year. I.T.E.D.'s are used for checking academic growth, curriculum study, and ACT and SAT preparation. This test will be scheduled in October.

PLAN - This test, designed for use with the tenth graders, has three primary purposes: to help the student initiate and sustain the process of making post-secondary plans, to help the student identify and acquire the academic and enabling skills needed to make a successful transition to post-secondary education or work, and to help the student effectively demonstrate the academic skills used on a national college admissions test, for example, the ACT assessment. This test will be scheduled during 1st semester.

PSAT/NMSQT - Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is a test designed to identify students for academic recognition during junior year and to give practice for SAT testing. It is open to all freshman, sophomore and junior students for practice but juniors only for scholarship recognition. Test date is Wednesday, October 13, 2010.

ACT and SAT - American College Test and Scholastic Aptitude Test are college entrance examinations open to all students, but recommended during 2nd semester of junior year. Practice tests are available for students online at www.actstudent.org and in the Guidance office.

ACT

Test Date

Sept. 11, 2010
Oct. 23, 2010
Dec. 11, 2010
Feb. 12, 2011
Apr. 9, 2011
June 11, 2011

SAT

Test Date

Oct. 9, 2010
Nov. 6, 2010
Dec. 4, 2010
Jan. 22, 2011
Mar. 12, 2011*
May 7, 2011
June 4, 2011
*(SAT I only)

SAT dates are subject to change.

A School Psychologist, Speech Clinician and Social Worker are available upon request for special testing and counseling through the Guidance Office from Grant Wood Area Education Agency.

THEOLOGY

ALL CATHOLIC STUDENTS are required to take 5 hours of Theology each semester for a total of 40 hours. All students must take the freshman, sophomore and junior courses listed. Seniors must take Christian Lifestyle one semester and choose an elective for the other semester.

NON-CATHOLIC STUDENTS are required to take 20 hours of Theology before graduation. Students may choose 15 hours from any of the courses listed. Seniors must take Christian Lifestyle for one semester.

1120 Religious Foundations I **Required 9** **Sem I** **5 hrs**
Freshmen begin the semester with the study of Baptism and learn about their own initiation into the Christian Community. Unit II focuses on the Catholic liturgy, our official public prayer, and the Eucharist. Units III, Prayer, calls the student to become a person of prayer and covers various forms of personal and communal prayer from our rich tradition. Unit IV and V study the Catholic approach to service and sexuality.

1141 Church History **Required 9** **Sem II** **5 hrs**
Students will discover the foundations of Catholic doctrine by embarking on a comprehensive survey of the history of our church. Beginning with the Pentecost and continuing through Vatican Council II, the important people and events, as well as the origin of many of the characteristics that define today's church will be investigated.

1210 Scriptures I **Required 10** **Sem I** **5 hrs**
Sophomore Theology begins with the study of the Old Testament, emphasizing Biblical themes of covenant, sin and love, holiness, the leadership of Israel, Messiah and the themes of prophets. Exploration of the scriptures that Jesus studied deepens our relationship with Jesus and enhances our understanding of many aspects of our faith and identity as Catholic Christians.

1221 Religious Foundations II **Required 10** **Sem II** **5 hrs**
Religious Foundations II is a course that builds on Religious Foundations I. The first unit focuses on The Call to Holiness and how each of us lives out this call in our Christian lives. Unit II explores the sacraments of Reconciliation and Confirmation and how they are necessary for holiness. Unit III once again focuses on prayer where various forms of personal and communal prayer are experienced. Unit IV guides students to learn more about their local parish and the Church in the world from the Archdiocese to the Vatican and the leaders of the Church at these levels. Unit V is a study of the Theology of the Body, the Catholic perspective on the gift of our sexuality.

1310 Scriptures II **Required 11** **Sem I** **5 hrs**
Students will explore the world of Jesus' day and discover how and why the New Testament was written. Study on the Gospel of Mark and Luke, concentrating on the major events and message of Jesus' life and ministry, follows. Next the early history of the Church and growth of the Christian community are explored in the Acts of the Apostles. Last, students will study about Paul and his letters, the major reasons and themes he wrote to the early Christian communities.

1321 Ethics and Morality **Required 11** **Sem II** **5 hrs**
This course will broaden the students' perspective from personal values to societal relationships. As Christians, our Gospel calling is that of making moral decisions that promote justice within all levels of community, including the global community. With a firm basis given in the moral decision-making process grounded in the person of Jesus, students will do an in-depth study of a justice issue and present it to their classmates.

1410/1421 Christian Lifestyle **Required 12** **All Students** **Sem I/II** **5 hrs**

REQUIREMENTS

All students are required to take 40 hours of work in the field of English before graduation. These hours must include: 1. 10 hours of English I 2. 10 hours of English II 3. 10 hours of English III 4. 10 hours of English electives. It is the Department's recommendation that each senior select one writing course and one literature course to meet the senior requirement. Students may select as many electives beyond this as they choose.

2110-11/2116/2117 English Resource I, II Elective Sem I/II Cr. Arr.

This course is provided for students who wish to increase their reading abilities in comprehension. It also focuses on improving writing, grammar and spelling skills. It is a full-year course for 3-level students and a one-semester course for 5-level students. Approval of the instructor is required.

2130-31/2150-51/2170-71 English I (Level 3, 5, 7) Required 9 10 hrs

The student is offered a program that enables him/her to speak, listen, read and write with increasing understanding. Literature is studied by genre, including short story, drama, poetry, novel and mythology. A literature-based research paper is written by each student. A sequential vocabulary program is followed throughout the year. Emphasis in each area varies with the level.

2180/2191 Speech I (Level 5) Elective 9, 10, 11, 12 Sem I/II 5 hrs

This course assists students in developing small group and interpersonal communication skills, focusing on achieving natural, correct, and effective speaking styles. The course provides an introduction to speaking skills, public address, rhetoric, argumentation, and interview techniques. This class provides students with many opportunities to speak in front of a supportive audience.

2230-31/2250-51/2270-71 English II (Level 3, 5, 7) Required 10 10 hrs

This course builds on the language arts program introduced in English I. The study of literature is by genre. Speech and writing place emphasis on effective use of language as a tool of self-expression. A literature based research paper is written by each student. The vocabulary program is continued from the freshman year.

2330-31/2350-51/2370-71 English III (Level 3, 5, 7) Required 11 10 hrs

This core course for juniors includes the three basic areas of English study: literature, language, and composition. Emphasis in each area varies with the level. Literature is a chronological survey of American writings as they were formed by the people and issues of the times. In addition to writing shorter pieces of composition, the complete process of writing a research paper is thoroughly covered with final instructions for a college level research paper. Vocabulary study continues throughout the junior year.

**2410 College Prep Reading & Study Skills (Level 5)
Elective 10, 11, 12 Sem I 5 hrs**

Students are taught the advanced reading and study skills necessary to perform upper level high school and college work efficiently. This course includes practice in increasing reading speed while maintaining comprehension. Students will use print and computer-generated speed reading materials. Study skills include memory improvement, note taking from texts and lectures, and test and exam preparation. This course is geared toward sophomores, but is also open to juniors and seniors. Although the class does count toward the core requirements for English at Xavier, it may not count toward English credit for college admissions.

2431/2451 Writers Workshop (Level 3, 5) Elective 11, 12 Sem II 5 hrs

This semester-long course emphasizes the development of writing skills to meet the demands of everyday life. Units include various applications, resumes, technical descriptions and personal business communications.

2441/2461 World Literature (Level 3, 5) Elective 11, 12 Sem II 5 hrs

World Literature is a course designed to familiarize the student with the great ideas of a variety of peoples through time. The student will develop a heightened awareness of and an appreciation for other cultures and worldviews, while at the same time, the student will discover the similar experiences that people share from nation to nation and from era to era. World Literature should be thought of as a seminar. The nature of a literature survey course is to move along quickly. Students will be expected to read selections several times a week. They will also be expected to complete several writing assignments. The student's critical thinking, analysis, and discussion are essential for the work done in class. The units will cross genres and genders with an appreciation for global communities.

2540 Effective Writing (Level 5) Elective 12 Sem I 5 hrs

This course builds competency in college freshman composition. It is designed to help students become comfortable with writing. Through the use of composition models, class discussion and the study of the techniques of noted writers as a basis, students will write expository papers. In addition, time will be spent reviewing the mechanics of good writing.

2551 Creative Writing (Level 5) Elective 12 Sem II 5 hrs

This course is for the student who enjoys writing poetry, drama and fiction. Emphases will be on developing a student's ability to critique his/her own writing, while improving writing skills.

2561 Modern Fiction (Level 5) Elective 12 Sem II 5 hrs
Modern Fiction is a semester course which provides a thought-provoking study of three popular thematic genres of modern fiction: mystery, fantasy, and science fiction. Students will focus on critical reading and thoughtful examination of short stories, novels, and film selections from these three genres. Three short papers will be written defining the genres using examples from the selections studied in class. Students will be required to purchase approximately \$20 worth of paperbacks.

2571 AP English Literature and Composition-British Literature (Level 7) Elective 12 Sem II 5 hrs
This is a chronological survey course covering British Literature from the Anglo-Saxon/Old English era to the present. Classic writers such as Chaucer, Milton, Keats, Tennyson, and Yeats will be studied. Additionally, there will be an in-depth analysis of a Shakespearean tragedy. Students will read and research a work from classic British Literature, then produce a literary analysis research paper with respect to that work. Students interested in taking the Advanced Placement Exam in English Literature and Composition for possible college credit should register for this course.

2580 AP English Literature and Composition-Literature and Analysis (Level 7) Elective 12 Sem I 5 hrs
This course begins with a discussion and study of literary analysis techniques. The study then shifts toward analytical reading, thinking, discussing, and writing about poetry, various classic prose pieces, and representative tragedies from Greek, Shakespearean, and modern drama. Students interested in taking the Advanced Placement Exam in English Literature and Composition for possible college credit should register for this course.

2610-11 Beginning Journalism (Level 7) Elective 10, 11 10 hrs
This is an introductory course which teaches students the basic skills of journalistic writing as well as the editing, design and desktop publishing necessary for working on the school newspaper. The course also covers a study of the modern press and journalism ethics. Students must sign up for a full year. This class serves as a prerequisite for Advanced Newspaper Production.

2620-21 Advanced Newspaper Production (Level 7) Elective 11, 12 10 hrs
Students in this class assume all responsibility for the production of the school newspaper. Beginning Journalism is a prerequisite for this course, as is instructor approval.

2710-11 Yearbook Production (Level 5) Elective 11, 12 10 hrs
Students in this course will learn basic journalistic styles of writing, editing, and design. They will create yearbook spreads and master the online program that assists with the production of the school yearbook. Students are also responsible for learning basic photography skills and taking photos at school events. No previous journalism experience is necessary. This course is not applicable as core English.

SOCIAL STUDIES

3136-37/3156-57/3176-77 World Civilization (Level 3, 5, 7) Required 9 10 hrs

The World Civilizations course will cover world history from a regional perspective, beginning with the cradle civilizations in the Middle East, Africa, Asia, and Europe, and tracking them through 500 A.D. The second semester will continue looking at these regions of the world

through the year 1900, and also include study of the history of the Americas. Special emphasis will be placed on skill development that allows students to become more knowledgeable of historical concepts and analysis.

3210/3270 Social Issues Today (Level 5, 7) Elective 10 Sem I 5 hrs

Current events and issues are combined with sociology and criminal justice topics, including "Crime and the Criminal Justice System," "Terrorism" (both international and domestic), "Organized Crime," "Jails and Prisons," "Dating Violence and Rape," "Child Abuse," and "Being Good Stewards of God's Earth." Through class access to online news, TV news and weekly news magazines, students will be well informed regarding global, national, state and local issues and events. Connections will be made to concepts in sociology, government, geography, psychology, economics, history, health and technology. Guest speakers including law enforcement professionals and field trips to watch a criminal trial and visit a prison may be included.

3221/3227 The World Today (Level 5, 7) Elective 10 Sem II 5 hrs

The World Today will examine the regions and peoples of the world from a modern perspective. Students will compare cultures through the use of current events, geography, politics, and history to form opinions and strategies on world issues. Emphasis is on the examination and problem-solving of current international events. Topics change annually, but may include such things as the AIDS crisis in Africa, overseas investments by American companies and the international drug trade. Further research into a culture of particular interest to individual students is also required and guest speakers from around the globe are sought out to give students a global outlook.

**3336-37/3356-57/3376-77 United States History (Level 3, 5, 7) 10 hrs
Required 11**

Our nation's past is examined in a comprehensive survey of the history of the United States. The course will incorporate various social sciences and humanities to aid in a better understanding of our nation's history. Units include: Colonization, Revolution and Republic, Civil War Era, Turn of the Century, Age of Imperialism and World War I, 1920's and 1930's, World War II, Postwar America, 1960's and Vietnam, Civil Rights Movement, and Modern Age.

3410/3421 U. S. Government (Level 5) Required 12 Sem I/II 5 hrs

U. S. Government is a reading and discussion course for all seniors. It is designed to provide a practical knowledge of our government, enabling the student to function as an informed citizen. Units studied include: The Constitution, Presidency, Legislative Branch, Law and the Courts, and State and Local Government.

3471 AP Government (Level 7) Elective 12 Sem II 5 hrs

AP Government will give students the ability to analyze and provide perspective on government and politics in the United States. Topics covered include the Constitutional underpinnings of the U.S government, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national government, public policy, civil right and civil liberties. Students will have the option of taking the Advanced Placement test in May to obtain college credit. Successful completion of this course satisfies the government graduation requirement in Social Studies.

3480-81 AP United States History (Level 7) Elective 11, 12 10 hrs

AP US History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US History. The course encompasses all eras from the pre-Columbian to the present. Students have the option of taking the advanced placement test in May to obtain college credit. Special attention will be given to preparing for the documents based questions on the AP Exam and synthesizing

primary source materials within the textbook content of US History. Successful completion of this course satisfies the US History graduation requirement in Social Studies.

3550-51/3570-71 Applied Economics (Level 5, 7) Required 12 Sem I/ II 5 hrs

Applied Economics helps prepare students for everyday life as a consumer, citizen and employer/employee and for college economics. It provides an understanding of economic concepts and relates them to the real world. Topics covered include: Practical Economics (filing state and federal tax returns, understanding the stock market, renting an apartment, car and life insurance, budgeting, wise use of credit, etc.); The National Economy (economic health of the U. S., national debt, role of the Federal Reserve Banks, the government's taxing and spending policies); Markets, Prices and Business Competition; Financing a Business; The World of Work; International Economics and Trade. A business consultant from the community meets weekly with students to connect the course to the real economic world. Students may run a computer simulated business competition.

3650/3670 Psychology I (Level 5, 7) Elective 11, 12 Sem I 5 hrs

This course serves as an introduction to basic psychological concepts. Topics such as aspects of development from birth to death, how the mind works related to learning and emotions and motivation are explored. The class relies heavily on discussion and topics are often applied to current events.

3751/3771 Psychology II (Level 5, 7) Elective 11, 12 Sem II 5 hrs

The topics discussed in Psychology I are expanded upon in Psychology II. Students will explore levels of consciousness, personality and social behavior, abnormal behavior and how to achieve and maintain mental health. Upon completion of the course the student will have a basic knowledge of the most common psychological concepts. Prerequisite: Psychology I or consent of the instructor.

3850/3870 Law I (Level 5, 7) Elective 11, 12 Sem I 5 hrs

Law I will stimulate students interest in criminal law, criminal procedure and criminal justice. Students will understand what happens to criminals from the investigation period up to trial. Criminal law areas studied include crimes against the person such as murder, assault, rape, etc. and crimes against property such as arson, theft, burglary, etc. Units on criminal procedure and criminal justice will help students understand how current situations faced by police and criminals impact student's lives today.

3951/3971 Law II (Level 5, 7) Elective 11, 12 Sem II 5 hrs

Law II will help students understand more of what happens in civil areas of the law. Topics to study include torts (private lawsuits), contracts, workers compensation, landlord-tenant and sports law. This course will help prepare students for a career in business or the legal profession. Prerequisite: Law I or consent of the instructor.

MATHEMATICS

Mathematics plays an important part in the general education of the whole student. Since we recognize that all students are rational beings, their God-given reasoning powers should be developed. The primary focus of the mathematics curriculum, in coordination with the NCTM (National Council of Teachers of Mathematics) standards, is to help students use their reasoning powers to become problem solvers. To accomplish this, problem solving will include the gathering and processing of information, thinking analytically, using technology, coping with changes, and making decisions by using mathematics in varying degrees. Students need to be actively involved in the learning of mathematics. The three Iowa Universities require a year each of Algebra I, Geometry, and Algebra II. A calculator, appropriate to each class, is required.

4110-11 General Math (Level 3) Elective 9 10 hrs

This course is designed to improve and reinforce basic skills using whole numbers, decimals, fractions, percents, and signed numbers. Problem solving skills encouraging quantitative literacy are developed. Estimation and reasonableness of results are used to evaluate answers. Manipulatives are used to introduce algebra. Graphs are introduced. (Placement is determined by using ITBS scores, end of the year test results, and teacher recommendations.)

4130-31/4150-51/4170-71 Algebra I (Level 3, 5, 7) Elective 9 10 hrs

The student is offered a program based on the skills and concepts of a first year of algebra. These courses include units in evaluating expressions, polynomials, problem solving, factoring, graphing, open sentences in two variables, systems of open sentences in two variables, rational and irrational numbers, functions, inequalities and quadratic equations. (Placement is determined by ITBS scores, end of the year test results, and teacher recommendations.) A scientific calculator is required—no graphing calculators please.

ALL OF THE FOLLOWING MATH COURSES MUST HAVE TEACHER APPROVAL

4230-31/4250-51/4270-71 Geometry (Level 3, 5, 7) Elective 9, 10 10 hrs

The elements of a system including undefined terms, defined terms, postulates, and theorems are integrated into a consistent set of relationships. Higher-level thinking skills are developed in this course. Units include circles, polygons, congruence, coordinate geometry, right triangle relationships, similarity, area, volume and constructions. A ruler, protractor, compass, and scientific calculator are required—no graphing calculators please. Prerequisite: Algebra I.

4310-11 Consumer Mathematics (Level 3) Elective 11, 12 10 hrs

The emphasis of this course is on basic application, including the use of tables and charts. Sample units encompass check book balancing, completion of tax forms, housing and installment buying, transportation costs, wages, checking, savings, and charge accounts, loans, budgets, and housing costs. Prerequisite: teacher approval.

4320-21 Consumer Math II (Level 3) Elective 11, 12 10 hrs

This course is a continuation of the Consumer Math content, further preparing students for expenses they can expect to experience in the future. Sample units include insurance, medical expenses, social security, expenses in maintaining a home, retirement plans, and penalties for early withdrawal. Prerequisite: Consumer Math (unless taken simultaneously senior year).

4330-31/4350-51/4370-71 Algebra II (Level 3, 5, 7) Elective 10, 11 10 hrs

This course builds on a first year algebra course. Topics include number systems, polynomial operations, linear and quadratic functions, equations and their graphs, exponential and polynomial equations. Level 7 also includes units in trigonometry, sequences and series and logarithmic expressions. A graphing calculator for level 7 is required (A T183 or T183+ is preferred.). Prerequisite: Algebra I and Geometry.

4380-81 Algebra III (Level 5) Elective 11, 12 10 hrs

This course reaffirms and builds on second year algebra. Topics include linear, quadratic, and polynomial functions, inequalities, laws of exponents and logarithms, analytic geometry, and trigonometry. Designed for the student who may need to take a higher level math class, but needs more preparation. Prerequisite: Algebra I, Geometry, Algebra II.

4440 Trigonometry (Level 5) Elective 11, 12 Sem I 5 hrs

Trigonometry is the study of triangles, angles, and their relationships. Topics in Algebra II and Geometry will be reviewed. Trigonometric functions and their graphs will be studied. Problem solving using trigonometric ratios will be emphasized. This course is highly recommended for students wishing to pursue a 4-year degree in college. A graphing calculator is required (A T183 or T183+ is preferred.). Prerequisite: Algebra II (Level 5 or 7).

4441 Statistics (Level 5) Elective 11, 12 Sem II 5 hrs

Statistics is the branch of mathematics concerned with collecting, organizing and summarizing numerical facts (data) and for making predictions based on these facts. Statistical analysis and topics in probability will be addressed. This course is highly recommended for students wishing to pursue a 4-year degree in college. A graphing calculator is required (A T183 or T183+ is preferred.). Prerequisite: Algebra II (Level 5 or 7).

4470-71 Pre-Calculus (Level 7) Elective 11, 12 10 hrs

This courses prepares students for a calculus course. Topics covered are functions (linear, quadratic and polynomial) and their graphs, exponents and logarithms, analytic geometry and conic sections, trigonometric functions, equations and identities, and complex numbers, vectors and determinants, sequences and series. If time allows, an introduction to limits will be included. A graphing calculator is required (A T183 or T183+ is preferred.). Prerequisite: At least a C in Algebra II (Level 7) or at least a B in Algebra III (Level 5).

4770-71 AP Calculus (Level 7) Elective 12 10 hrs

Calculus is recommended for the accelerated, college bound students. It is a rigorous, college-level course that studies limits, continuity, differentiation and integration. Students will have the option of taking the Advanced Placement exam in May to obtain college credit. The calculus techniques are applied to a variety of other disciplines, particularly physics. A graphing calculator is required (A T183 or T183+ is preferred.). Prerequisite: At least a B in Pre-Calculus.

WORLD LANGUAGES

5210-11 Spanish I (Level 5) Elective 9, 10, 11, 12 10 hrs

This course presents the basic material needed to develop reading, writing, listening and conversation skills, with primary emphasis placed on conversation. Each unit is situated in a Hispanic country or region. Activities include paired and group dialogs, grammar practice, cultural readings, listening comprehension, as well as videos and individual writing activities. Prerequisite: English I (Level 5 or 7), may be taken concurrently or consent of the instructor.

5220-21 Spanish II (Level 5) Elective 9, 10, 11, 12 10 hrs

The skills learned in Spanish I will be further developed in this course through activities similar to those in the first level. Vocabulary and structures will be reinforced primarily through conversations, but also through writing, listening and reading activities. The history, culture and geography of several Latin American countries, as well as, Latin communities in the U.S. will be a part of the course. Prerequisite: Spanish I passed with a "C" grade or higher.

5230-31 Spanish III (Level 7) Elective 10, 11, 12 10 hrs

A good base knowledge of material learned in Spanish I and II is needed in this third year course. The teaching of practical, conversational vocabulary and more advanced sentence structure is interwoven with the teaching of culture. In-class activities include paired and large group conversations, speeches, the reading of articles and stories, videos and visits from native speakers. Students are expected to communicate mostly in Spanish. Prerequisite: Spanish II passed with a "C" grade or higher.

5240-41 Spanish IV (Level 7) Elective 11, 12 10 hrs

This course is a continuation of Spanish III. Writing and conversation skills are refined. Class work and conversation are done almost entirely in Spanish. Emphasis is placed on literature and culture and the formal writing process is introduced. Prerequisite: Spanish III passed with a "C" grade or higher.

5260-61 AP Spanish (Level 7) Elective 12 10 hrs

Students will be exposed to a demanding review of grammatical structures, the process of formal writing, extensive conversational practice, and aural comprehension activities. Students will be taught test-taking techniques that will enable them to perform successfully on the AP Spanish Language Examination and various placement exams offered by individual colleges and universities. Prerequisite: Spanish IV passed with a "B" grade or higher.

5310-11 French I (Level 5) Elective 9, 10, 11, 12 10 hrs
This course is an introduction to the French language. Class time is spent developing listening, speaking, reading and writing skills. Activities include pair work, conversations, grammar practice and cultural activities. French is used as much as possible in class and an emphasis is placed on communication and pronunciation. Students will receive a workbook. Prerequisite: English I (Level 5 or 7), may be taken concurrently or consent of the instructor.

5320-21 French II (Level 5) Elective 9, 10, 11, 12 10 hrs
This course is designed to further develop the skills learned in French I. Students will continue learning and practicing their listening, speaking, reading, writing skills and continued learning of French pronunciation. French is used by the teacher and students as much as possible. Students will receive a workbook. Prerequisite: French I passed with a C grade or higher.

5330-31 French III (Level 7) Elective 10, 11, 12 10 hrs
This course further develops the skills learned in the first two years of language study. There is an increased emphasis on written and oral skills. Students will explore cultural aspects of French-speaking countries and begin literature studies. Class is conducted mostly in French and students are expected to communicate mostly in French. Prerequisite: French II passed with a C grade or higher.

5340-41 French IV (Level 7) Elective 11, 12 10 hrs
This course is a continuation of French III and provides a greater emphasis on literature, culture and the history of France and other French-speaking countries. Language skills will also be refined through advanced study of structures and vocabulary along with written and verbal presentations. Class is conducted almost exclusively in French. Prerequisite: French III passed with a C grade or higher.

SCIENCE

6130-31/6150-51/6170-71 Basic Concepts of Science (BCS) (Level 3, 5, 7) Elective 9 10 hrs
This is an introductory course in Science. It presents the basics of Chemistry, Earth Science, Physics and Biology and includes laboratory experiences. The approach is designed to emphasize the mechanics of all science, as well as, the essential concepts of the various science disciplines. This science course will be required for all other science courses.

6230-31/6250-51/6270-71 Biology (Level 3, 5, 7) Elective 9, 10, 11 10 hrs
This is a lecture, discussion, and laboratory-centered course with an emphasis on the understanding of the basic biological processes. The students develop an understanding of a wide variety of living organisms. Areas covered include the cell theory, energy relationships, DNA, genetics, variety of life and classification, plant structure, and the human organ systems. Dissection will be offered. Prerequisites: BCS or a placement recommendation for Level 7 Biology.

6350-51/6370-71 Human Anatomy and Physiology (Level 5, 7)**Elective 10, 11, 12****10 hrs**

This is a one-year study of the different systems of the human body and their functions. This study also gives insight into the different diseases of the various systems of the body; the prevention of disease and the possible treatment for those diseases. Other topics include epithelial tissues, connective tissue, muscle tissue and nervous tissue. Animal dissection will correlate to much of the human understanding. Prerequisites: Biology or teacher recommendation.

6390-91 AP Biology (Level 7)**Elective 11, 12****10 hrs**

AP Biology is an in-depth course emphasizing independent reasoning skills. This course meets the requirements of the International Advanced Placement Program. It is taught as a college level class. Students will have the option of taking the Advanced Placement exam in May to obtain college credit. Major areas of study are biochemistry, cell biology, genetics, population dynamics, plant and animal biology, and ecology. Due to the difficulty in performing college level laboratories in a high school class period, outside class time will periodically be required to complete these labs. Prerequisites: Biology, Chemistry and consent of the instructor.

6450-51/6470-71 Chemistry (Level 5, 7) Elective 10, 11, 12**10 hrs**

A theoretical, experimental and problem solving approach is used in this course. The foundations of chemistry, formula and equation writing, reaction chemistry, gases, bonding and acid/bases are primary topics (Level 7 students will cover oxidation reduction and organic nomenclature). The student will develop the techniques of using lab equipment properly, running experiments and interpreting data. Level 7 students will be required to keep a laboratory notebook and prepare formal laboratory reports. Prerequisites: Biology, Algebra II (may be taken concurrently), or teacher recommendation.

6490-91 AP Chemistry (Level 7)**Elective 11, 12****10 hrs**

AP Chemistry is an in-depth course emphasizing independent reasoning skills. This course meets the requirements of the International Advanced Placement Program. It is taught as a college level class. Students will have the option of taking the AP exam in May to possibly obtain college credit. Major areas of study are atomic theory, gases, acid-base reactions, oxidation-reduction reactions, stoichiometry, equilibrium, kinetics and thermodynamics. Prerequisites: Chemistry (6470-71) and teacher recommendation.

6550-51/6570-71 Physics (Level 5, 7) Elective 11, 12**10 hrs**

Physics (Level 5) is designed to teach concepts of physics with a minimum of math. It is for anyone interested in the fundamentals of motion, forces, energy, light, heat, structure of matter, magnetism and electricity. Reasoning skills, problem-solving and lab techniques are emphasized. This course is NOT recommended for students planning to go into science or engineering in college. Physics (Level 7) is designed to provide a conceptual framework of contemporary physics, showing how physical knowledge is acquired experimentally and woven into physical theory and how theory, in turn, directs and illuminates experimentation. Physics is presented as an integrated picture of historical and contemporary physics - as a model of man's intellectual activity; purposeful and yet human and therefore fallible. Major topics include motion, forces, energy, light, electricity and magnetism. Prerequisite: Biology, Algebra II (may be taken concurrently) and teacher recommendation.

6630-50/6731-51 Global Science (Level 3, 5) Elective 11, 12 Sem I/II 5 hrs

A discussion and laboratory course devoted to the study of our global ecosystem, Spaceship Earth! This course equips the student with necessary information to understand environmental problems and solutions. The student will develop an appreciation for our local as well as the global ecosystem through the study of topics such as basic ecological concepts, natural resource use and conservation; pollution, energy sources and decisions on environmental policy at all governmental levels. Prerequisites: BCS, Biology and teacher approval. Students may take first semester, second semester or both.

**6810/6821 Independent Research Study (Level 7)
Elective 11, 12 Sem I/II Cr. Arr.**

This course is open to any student wishing to explore a specific area in science on an individual basis. The student will select a problem for in-depth study. A scientific paper must be written at the termination of the research. Exhibits may be required in some cases. It will be recommended that students in this course exhibit their work at a Science Fair and/or at The University of Iowa's Science Symposium. The student must meet with his teacher-adviser on a weekly basis. Prerequisite: 2 years of high school science and teacher approval to enter at the beginning of the school year.

6930/6941 Science Lab Assistant (Level 5) Elective 9, 10, 11, 12 Cr. Arr.

This course is open to any student wishing involvement with the tasks essential to keep the Biology, Chemistry, and Physics labs operating efficiently. The tasks most frequently performed are activities involving weighing, mixing solutions, running errands and cleaning. Consent of the Science Department members is required for participation in this opportunity.

BUSINESS

7110/7111 Keyboarding Required One quarter 2.5 hrs

This course is a graduation requirement. Students can meet this requirement if they pass a proficiency exam immediately after first enrolling at Xavier High School or have taken a similar course in another high school. Basic typing techniques are emphasized to develop skills needed for personal use. Formatting techniques for block style business letters, block style personal letters, and research papers are also covered in this course.

**7141 Introduction to Business (Level 5) Elective 9, 10
Sem II 5 hrs**

This course will introduce the students to the world of business. Using the information and activities learned in this course, students will increase their preparation for becoming knowledgeable consumers, well-prepared employees, and effective citizens. This course will serve as an introduction to other business courses that are offered at Xavier High School and as an introduction for future education and employment. Some topics covered in this course are business organization and entrepreneurship, career planning, human resources, marketing, financial management for a business, business technology, insurance, banking, consumer credit, savings and investment strategies, money management and financial planning.

7230/7234 Computer Graphics Design (Level 5, 7)**Elective 9, 10, 11, 12 Sem I 5 hrs**

Computer graphics design is the process and art of combining text and graphics and communicating an effective message in the design of logos, graphics, brochures, newsletters, poster, signs, and any other type of visual communication. Today's graphic designers often use desktop publishing software and techniques to achieve their goals. In this course, students will become familiar with desktop publishing software as well as the do's and don'ts of layout design. They will utilize simple and advanced software features to create and enhance projects. At times the students will complete projects that have been requested for public promotion. Prerequisite: Keyboarding or consent of the instructor.

7235 Desktop Publishing (Level 7) Elective 9, 10, 11, 12 Sem II 5 hrs**Kirkwood Community College 3 hrs**

This course allows students to create professional-quality documents, such as one-page bulletins or short newsletters, using desktop publishing software. The student will also integrate text, graphics and image files previously created with a variety of application software. Prerequisite: Computer Graphics Design and consent of the instructor.

7250/7256 Computer Business Applications (Level 5, 7)**Elective 9, 10, 11, 12 Sem I 5 hrs**

Using Microsoft Word students will develop skills in formatting documents such as letters, memos, reports and tables. Many of the advanced features of Word will be incorporated. The students will also develop a working knowledge of Microsoft Excel while building spreadsheets using functions, formulas and charts to enhance them. Integrated projects using Word and Excel will be completed. Students will also be introduced to Microsoft Access database software and the basics of building and manipulating information within a database. In addition, students will learn more about Microsoft PowerPoint. Prerequisite: Keyboarding or consent of the instructor.

7275 Intermediate Computer Business Applications (Level 7)**Elective 9, 10, 11, 12 Sem II 5 hrs****Kirkwood Community College 3 hrs**

This course extends the basic knowledge of Microsoft Word, Access, Excel and PowerPoint. Upon completion of this course students should be able to demonstrate proficiency at the core level of the Microsoft Office Specialist certification. Prerequisites: Computer Business Applications and consent of the instructor. **

7310/7316 Business Law (Level 5, 7) Elective 11, 12 Sem I 5 hrs

This course focuses on law as it relates to the individual personally, as well as to the world of business. Some areas covered are: ethics, the jury system, buying and selling, credit, employment, and property. The course meets the needs of both students who are looking for personal knowledge in law and those who plan a career in business.

7410-11/7416-17 Accounting (Level 5, 7) Elective 11, 12 10 hrs

The fundamentals of personal and business record keeping are taught through the study and application of double entry bookkeeping. The study of bookkeeping provides definite and specific opportunities for everyone, regardless of their future occupational goal, to learn the language and the problems of business and how to read intelligently the reports about business and economic conditions. The course also serves the educational need of helping the student discover whether they have an interest in, and an aptitude for accounting as a profession. **

7421/7427 Marketing (Level 5, 7) Elective 11,12 Sem II 5 hrs

This course is a general introduction to marketing with an emphasis on how it affects the entire process of planning and executing the conception, pricing, promotion, and distribution of a

The Xavier High School Band is a two-semester class which meets daily for students who play woodwind, brass or percussion instruments. All students registered for band are required to participate in all three large conducted ensembles (Concert Band, Marching Band and Pep Band) and take one fifteen-minute private or small group lesson per week with the band director.

Concert band** is a core group from which all other ensembles within the department originate. This group will learn music fundamentals through performance of a variety of concert band literature. Students will also learn how to evaluate their performance based on specific criteria. Concert band meets daily from late October until the end of the school year. The concert band performs at least four concerts per year and participates in the IHSMA State Large Group Festival each spring.

Marching Band** meets daily from the beginning of the school year until the end of October. Band members perform pre-game and halftime field shows at home varsity football games and participate in area marching band festivals, including the IHSMA State Marching Band Festival and the Cedar Rapids Indoor Marching Band Classic. In order for the band to progress musically and technically throughout the course of the marching season, students are required to attend a one-week marching band camp held prior to the start of the school year.

Solos and Small Ensembles** provide students the opportunity to advance their individual music skills. Beginning in the 2007-2008 school year band members will be required to participate in the IHSMA Solo and Small Ensemble Festival. Other performing opportunities for solos and small ensembles include public performances, master class settings with guest artists and peers, and the All-City Music Festival sponsored by the Cedar Rapids Community Schools.

Jazz Ensemble** and Jazz Combos** are an extracurricular component of the program open to students enrolled in concert band. Auditions take place in October and regularly-scheduled rehearsals are held until the end of the school year. These groups perform at concerts throughout the year and compete in jazz festivals in the spring.

Pep Band provides students the opportunity to show their school spirit at boys and girls varsity basketball games. Required performances are determined in late November at the beginning of the basketball season.

Finally, members of the Xavier band program who show interest and the desire for more performance experiences are regularly nominated for and/or audition for the Iowa All-State Band, area honor bands, and solo/small ensemble contests.

**Xavier High School is a member of the Iowa High School Music Association. Students enrolled in an IHSMA-member school are required to be in concert band in order to participate in any IHSMA-sponsored or IHSMA-approved instrumental music festival. These include All-State, Marching Band, Large Group, Jazz Ensemble, and Solo & Small Ensemble. The only exceptions to this are guitarists (including bass) and pianists for jazz ensemble, and accompanists for solos and small ensembles.

ART COURSES

The visual arts program allows the student to shift into the right side of their brain and delve into the creative arena. The students use different thought processes as they work within a media. They learn that questions can have more than one solution. They learn about many ways to see and interpret this ever growing visual world we are immersed in. Students of the visual arts use intuition, expression through various media and a new language of visual elements. They use the broad base of hands-on experience and art appreciation to synthesize information from the entire program of studies at Xavier high School.

The visual art series of studies includes Basic Art and advanced courses in two and three dimensional media. All courses are one semester in length and build on one another. A student

may sign up for several courses in a year as long as they fulfill the prerequisite requirements. The materials fee is for art supplies purchased for the student to use in the specific class and to keep. Basic Art is open to all students and is a prerequisite for taking advanced courses.

8310/8321 Basic Art Forms (Level 5) Elective 9, 10, 11, 12 Sem I/II 5 hrs

This is a one semester introductory studio and art appreciation course. It is a prerequisite course for any student planning to take advanced art courses. The course provides exposure to a variety of art concepts and materials, both contemporary and traditional. This is an introductory course to the elements of art and art terminology. Projects include 2-dimensional and 3-dimensional work. A materials fee is required. Students must have a "C+" or better to move to other art classes. Limited to 20 students per section.

8331 Calligraphy (Level 5) Elective 9, 10, 11, 12 Sem II 5 hrs

A variety of Roman, Uncial, Gothic and Italic styles of lettering are covered. Design projects include layouts, quotes, cards and individual projects. The student will learn to create backgrounds out of watercolors and stencils they make to letter on. A materials fee is required. No prerequisites. This course is not a substitute for Basic Art, and students would still need to take Basic Art to take advanced art courses. Limited to 20 students.

8354/8355 Digital Photography I (Level 7)

Elective 9, 10, 11, 12 Sem I/II 5 hrs

This introductory course teaches students the basics of digital photography. Students will learn how their camera works and to use all the shooting modes on their camera. The students will learn how to compose a photo, use appropriate lighting, and apply the elements of art to capture moments in time. The student will learn how to download and save digital negatives, organize and sort digital photos, create a contact sheet for a CD and burn CD's. Students will also learn to edit digital images through an introduction of Adobe PhotoShop CS. Adobe Photoshop is our digital darkroom. Students must have their own digital camera and camera manual and bring both to class daily. The digital camera must function and be at least 8 mega pixels with a 512 MB memory card minimum. An optical zoom lens or digital SLR would be preferred. A camera bag and an external flash (if a hot shoe is available) are required. Students will need a flash drive of at least 512 MB. Students will print digital images at their own expense for assignments. Students will learn how to cut mats for their photos. A materials fee is required. Prerequisite: Pass Basic Art with a "C" or better and teacher recommendation. Limit to 15 students per section.

8365 Digital Photography II (Level 7) Elective 10, 11, 12 Sem II 5 hrs

This course builds on the concepts and techniques learned in the Digital Photography I course. The students will learn how to use Adobe PhotoShop CS extensively to edit and create special effects in their photos. The student will learn about options for a career in photography by exploring photojournalism, portrait and commercial/industrial photography. The students must have a functioning digital camera that is at least 6 mega pixels with a 512 MB memory card minimum. An optical zoom lens or digital SLR would be preferred. A camera bag and an external flash (if a hot shoe is available) are required. Students will need a flash drive of 1 GB. Students will print digital images at their own expense for assignments. Presentation of photographs and crafting is emphasized. This course will be more in depth regarding the use of the creative modes on the camera and lighting. A materials fee is required. Prerequisite: Digital Photography I with a "B" or better and teacher recommendation. Limit to 15 students.

8410/8411 Painting I (Level 5) Elective 10, 11, 12 Sem I/II 5 hrs

This is a one-semester course exploring traditional and contemporary approaches to painting. Basic elements and history of painting will be covered. Students will emphasize painting techniques. Students will work with watercolor and acrylic paint and be required to purchase their own paintbrushes. A materials fee is required. Prerequisite: Drawing I with a "C+" or better. Limited to 15 students.

8421 Painting II (Level 7) **Elective 10, 11, 12 Sem II 5 hrs**
This is a one-semester course that continues to explore traditional and contemporary approaches to painting. In addition to building on previous work, this course will focus on the development of personal concepts, form, light, and composition. Students will be required to purchase additional paintbrushes and other materials. A materials fee is required. Prerequisite: Painting I with a "C+" or better and teacher recommendation. Limited to 15 students.

8510 2-D Design (Level 7) **Elective 10, 11, 12 Sem I 5 hrs**
This course concentrates extensively on the elements and principles of design in the 2D arena. In the course the student will simplify designs using a variety of media. This course will bring together the concepts and techniques used in all of the two dimensional art offerings at Xavier High School and will include printmaking. The students will later work with Adobe Photoshop CS3 to learn basic graphic design on the computer. The course will focus on the process of creating art and modifying it through input in individual and group critiques. A materials fee is required. Prerequisite: Basic Art and Drawing I with a "C+" or better. Limited to 15 students.

8521 3-D Design (Level 7) **Elective 10, 11, 12 Sem II 5 hrs**
This course provides the student with projects to help further develop skills in creating 3-dimensional designs. The course includes applying the elements of art to the principles of design, additive and subtractive sculptural techniques, oral and written critiques and research of sculptural artists. A materials fee is required. Prerequisite: Basic Art with a "C+ or better. Limited to 15 students.

8610/8621 Drawing I (Level 5) **Elective 9, 10, 11, 12 Sem I/II 5 hrs**
This is a one semester course that explores a variety of drawing media such as pencil, pen, charcoal, ink and other material. Projects include contour drawing, negative space drawing, and techniques to draw realistically. The course will focus on drawing the measurements of the human face from the profile and the front view. The students will also learn how to cut a mat. A materials fee is required. Prerequisite: Basic Art . Limited to 20 students per section.

8641 Drawing II (Level 7) **Elective 10, 11, 12 Sem II 5 hrs**
This is a one semester course that continues to build on drawing techniques and media learned in Drawing I. The course will concentrate on figure drawing, form, lighting in a drawing, mixed media work and still life arrangements. This course will focus on the development of a personal and unique style for each student. A materials fee is required. Prerequisite: Drawing I with a "C+" or better. Limited to 15 students.

8710/8721 Ceramics I - Intro To Wheel (Level 5) **Elective 9, 10, 11, 12 Sem I/II 5 hrs**
This is a one semester course experimenting with the basic hand building and wheel throwing techniques. Students will learn the fundamentals of throwing a pot on the wheel along with basic coil, slab, pinch-pot, and sculptural techniques. Research and lecture may include clay bodies and glazing. A materials fee is required. Prerequisite: Basic Art. Limited to 12 students per section.

8730/8741 Ceramics II - Advanced Wheel (Level 5) **Elective 10, 11, 12 Sem I/II 5 hrs**
This is a continuation of Ceramics I and more emphasis on wheel throwing and individual style. Students will take these basic skills and advance them to include more complex pieces, in-depth research, and a larger body of work at the end of the semester. A materials fee is required. Prerequisite: Ceramics I with a "C+" or better and teacher recommendation. Limited to 12 students per section.

8750/8761 Ceramics III - Advanced Wheel (Level 7)**Elective 11, 12****Sem I/II****5 hrs**

The emphasis in this course is individual style. The student will plan projects. Skill will be applied to create a well-crafted body of work which includes all techniques previously learned. Students need to be self directed. A materials fee is required. Prerequisite: Ceramics II - Advanced Wheel with "B" or better and teacher recommendation. Limit to 12 students.

8810/8821 Independent Study (Level 7) Elective 11, 12 Sem I/II Cr. Arr.

This is a semester course for individuals who wish to pursue a career in an art related field. The course is open to students who have had Basic Art and five full semesters of advanced art. The students must have permission from the instructor to take the course. The students will work on an art portfolio for applications to study art at the undergraduate level. Students must prepare a written contract stating their goals and general course of study and discuss it with the teacher. Students will meet individually with the instructor at least once a week. The students must provide all of their own materials. They will be required each week to complete a sketch book and a typed summary of the process of creating their art. Students will only work on projects in class. Specific sketch books may be assigned by the instructor. Pre-requisite: Basic Art with a "B+" average in five advanced art classes and consent of the instructor.

8830/8841 Laboratory Assistant Elective 10, 11, 12 Sem I/II Cr. Arr.

Students who have had extensive experience in the Ceramics lab will have this opportunity to earn credit for helping with instructional and lab maintenance duties. The credit will be arranged according to the hours of assistance put in. Normally one credit per semester will be given. Teacher recommendation only.

DRAMA**8910 Acting I (Level 5) Elective 9, 10, 11, 12 Sem I 5 hrs**

This one-semester overview of acting is designed for both the student new to theatre and the student with a general background in the theatre. This class will cover all aspects of theatre: the play, the actor, and the audience. Students will read written plays and improvise scenes without a script. Group and individual work will be used to develop skills in physical acting, voice preparation, scene study, stage movement, blocking, improvisation, and characterization. Throughout the semester, students will watch a play and will present prepared performances, both individual and with an assigned partner. Meets fine arts requirement.

8923 Acting II (Level 7) Elective 9, 10, 11, 12 Sem II 5 hrs

This one semester, level 7 acting course expands upon the actor's work in the "beginning" course, offering a more in-depth, progressive study of acting with more individual and group performance assignments. Students will increase their knowledge of internal and external acting principles and will do advanced work on voice and diction, characterization, and improvisation. This course will introduce students to the aspects of audition techniques, a closer look at speaking and performing Shakespeare, and the differences between dramatic and comedic acting. Students will critique each other's work in a creative and supportive atmosphere. Furthermore, a study of theatrical abstracts from around the world and thorough analysis of plays in their entirety will provide students with a complete survey of acting and theatre at its finest. Prerequisite: Acting I.

8970/8971 Introduction to Theatre (Level 5)**Elective 9,10,11,12****Sem I/II****5 hrs**

This one semester course equips students with the necessary skills to successfully run theatre productions. Students will work on current shows and events in production during the semester in which they are enrolled. Students may continue working on these events upon course completion. Units of study may include: Theatre History, Theatre Safety, Set Design, Lights and Sound, as well as, Make-up and Hair Design.

8980/8991 Theatre Practice-Ind. Study Elective 11, 12 Sem I/II Cr. Arr.
 The student chooses an area from the theatre in which to develop an in-depth study. Areas included are theatre history, acting, directing, theatre design, lighting, sound, costumes, makeup or stage management. Plans for this study must be pre-approved.

FITNESS AND WELLNESS

Fitness and Wellness is required of all students. The activity portion of the course highlights activities that have lifetime, social and leisure benefits. The wellness portion presents information that allows students to develop a plan for their total well-being. Wellness is presented in sixteen class meetings per year for 9th through 12th grade. The activity units are structured so each grade level follows its own set of activity units.

For those students with a full eight-period schedule, a maximum of two semesters out of the eight total semesters of Fitness and Wellness may be waived, through the use of an academic waiver. If students have used up their academic waivers, they have two options to complete their Fitness/Wellness requirements:

1. Take a two-week summer course that counts for one semester's credit. Check with department teachers for the time and dates. There is additional tuition charged for this course. Students may enroll in two two-week sessions to satisfy a full year of Fitness/Wellness credit.
2. Early-Bird class is offered during the school year. Early-Bird begins at 6:50 a.m. and ends at 7:33 a.m. This class meets two days per week and has wellness classes (one per week) in the second and fourth quarters.

Please note that if students do not have a full schedule (classes all eight periods), they will be scheduled into a Fitness and Wellness class. This applies to students who may have already completed the summer Fitness and Wellness class.

9110-11 Fitness and Wellness 9	Required 9	5 hrs
9120-21 Fitness and Wellness 10	Required 10	5 hrs
9130-31 Fitness and Wellness 11	Required 11	5 hrs
9140-41 Fitness and Wellness 12	Required 12	5 hrs

ADDITIONAL ELECTIVES

9210/9221 Student Athletic Training Internship Elective Sem I/II 5 hrs
 This internship program is for students interested in the further study of Certified Athletic Trainer, Physical Therapist, Physical Therapy Assistant, or similar. Students will study and observe first aid, field assessment, evaluation and treatment of athletic injuries. Students will need to acquire a minimum of 60 hours during the semester in order to receive 5 credit hours. This time will be accumulated during after-school, open-training room and home athletic events. Student trainers will be required to have current CPR and First aid certification. Plans for this internship must be approved by the certified athletic trainer prior to the semester.

The 1818 Advanced College Credit Program provides an opportunity for qualified high school juniors and seniors to begin experiencing the academic rigors of college course work while still at Xavier. This program offers courses at Xavier taught by high school instructors. In addition to receiving credit toward high school graduation for selected academic courses, students may opt to dual enroll in courses approved for college credit through Saint Louis University.

Students who meet registration requirements, course prerequisites, timely tuition payments, and successfully complete the course, receive graded course credit toward a degree from Saint Louis University.

Current SLU 1818 courses are 2nd semester AP Spanish, French III, French IV, and AP Biology. Other courses will become available as they get approved by Saint Louis University.