
St. Mary Central High School

1050 Zephyr Drive
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2012-2013

Course Selection Guide

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*Be it Known to All who Enter
that Christ is the Reason for this School*

INTRODUCTION

We are proud to offer this St. Mary Central High School Course Selection Guide for the 2011–2012 school year. Please review the entire document carefully. You will notice that it contains general academic information as well as our current course descriptions.

As always, we are available to answer your questions and to assist you in planning. The high quality of education we strive to offer at St. Mary Central High School is dependent on thorough inquiry, ongoing communication and wise judgments by everyone committed to our students' success. Thank you for entrusting your daughters and sons to us for their high school educational needs. We take very seriously our responsibility to facilitate their learning and growth.

Mission Statement

St. Mary Central, in partnership with family, Church and community, provides a quality Catholic education focused on Faith, Academics and Service to influence a rapidly changing world.

Vision Statement

St. Mary Central High School will be the educational leader in promoting and fostering student spiritual, academic and social growth.

Commitment to Faith

Faith and worship opportunities are vital to the mission of St. Mary Central High School. To foster this goal we celebrate monthly all-school liturgies, chapel visits, prayer services, Eucharistic Adoration, Reconciliation Services and daily prayer.

Service is an integral part of our Catholic education. We offer two service mornings each year, as well as an ongoing relationship with several service organizations.



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SMC GRADUATION REQUIREMENTS

A St. Mary Central High School student will be awarded a diploma when 27.5 credits have been earned. Of these 27.5 credits, 20.0 are required courses and 7.5 are elective. The required credits are:

<u>AREA</u>	<u>CREDIT</u>
• Computer-based Instruction	.5
• English	4.0
• Fine Arts	.5
• Health	.5
• Mathematics	3.0
• Physical Education	1.5
• Science	3.0
• Social Studies	3.0
• Theological Studies	<u>4.0</u>
Total <i>Required</i> Course Credits	20.0
<i>Elective</i> Course Credits	<u>+7.5</u>
Total Graduation Credits	27.5

SMC SERVICE HOUR REQUIREMENTS

Through service learning, students practice what they have learned in the classroom by effecting change in the community. Service learning as part of the curriculum provides young people with real life experiences, the impact of which last a lifetime. It is a graduation requirement for all SMC students to perform a total of 60 hours of service, with a minimum of 15 hours per year. Service hours are suggested in four areas as follows:

Hospital/Elderly
Community
Parish
Other*

* "Other" may include helping with school events, or in Jane's Woods, or in the office, etc. All service reflections and documentation is tracked electronically through GetNvolved (www.getinvolved.org).

ELECTIVE CREDITS

Elective courses have been carefully evaluated and selected to provide students the opportunity to prepare for further education and to explore various fields or occupations. A well-rounded background of general education is paramount to future success in any career. Students should explore as many areas as possible.

Students will secure the most value from their high school education if they plan tentative four-year programs of electives based upon their future occupational and educational needs and interests. With this in mind, the four-year worksheet is a valuable planning tool to ensure good selection and placement of courses in every student's high school career.

To meet the required credits for graduation, students may choose elective courses each year as he/she desires, subject to the following considerations:

1. Certain courses require prerequisites before they may be taken (e.g., German I must precede German II; Algebra I must precede Geometry). Exceptions may be made with the consent of the teacher, counselor, and / or principal.
2. Students should plan to take requisite courses in the required grade unless they are advised to do otherwise by the teacher, counselor and/or principal.
3. Students selecting a World Language should plan to take a minimum of two years of the same language.

SPECIAL COURSES AND OFFERINGS

(Special considerations and / or fees are printed in *bold italics*)

INDEPENDENT STUDY COURSES (PRE-APPROVAL REQUIRED)
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In accordance with the desire to meet the educational needs of all SMC students, we offer opportunities in the form of extended off-site and/or independent, faculty-sponsored courses of study. These opportunities provide educational experiences not ordinarily offered in the traditional classroom setting. **Courses must be deemed to provide an appropriate academic challenge and be pre-approved by the administration and guidance staff.** Additional fees may be required. Forms for requesting an independent study course are obtained from the Guidance Office.

KSCADE NETWORK

K-12 Schools/College Alliance for Distance Education (KSCADE) is a distance education network designed to provide students with greater educational opportunities through the most advanced technologies. The KSCADE Network encompasses 230 miles of fiber optics, linking 30 schools forming a consortium within the greater Fox Valley area. Through KSCADE, schools have the capability to broadcast courses and receive them from other schools within the consortium. By taking advantage of programming opportunities, schools can provide courses not otherwise available. The ability to use two-way audio and video incorporated with Internet access allows instructors to effectively interact with students.

KSCADE high school-to-high school credit classes – For all KSCADE courses originating in a participating high school and granting high school credit, a fee will be charged to the receiving school. ***There is no charge to an SMC student taking a class in this category.***

KSCADE high school-to-college credit classes – For all KSCADE courses where students may earn dual credit (high school and college), ***students/parents are responsible for the tuition as determined by the post-secondary institution. Tuition payment is due within the first two weeks of each course.***

CAPP COURSES

Cooperative Academic Partnership Program (CAPP) offers university level courses that award dual credit for college and high school (.5 to 1.0 SMC credit; 3.0 to 5.0 UW–Oshkosh). CAPP courses are taught in cooperation with the University of Wisconsin–Oshkosh. Other colleges will accept CAPP credits, but it is strongly advised that the student contact the post–secondary institutions of choice to guarantee acceptance of credits. These classes are often used as a prerequisite for many courses in the UW System. *St. Mary Central students taking a CAPP class are responsible for the entire tuition, as determined by the post–secondary institution. Tuition payment is due within the first two weeks of each CAPP course.*

AP COURSES

Advanced Placement (AP) courses offer students the option to participate in an AP evaluation exam at the end of the course that could earn them college credits. *The fee for an AP final test is the responsibility of the student/parent.*

EDUCATIONAL SERVICES

LEARNING SPECIALIST

St. Mary Central High School has a full–time learning specialist available on a daily basis. The learning specialist’s primary duty is to be a **collaborator** with the regular classroom teacher, the student, guidance office, school administration and parents to ensure each student reaches his or her full academic potential.

All students do not learn the same way. The SMC Learning Specialist works with the regular classroom teachers to incorporate differentiated instruction and accommodations to meet the needs of individual students. The Learning Specialist employs multiple strategies recommended by experts in the fields of inclusive education and multiple intelligences.

The Learning Specialist assists students within the regular classroom and in study halls, as well as during non–instructional time and before and after school.

READING SPECIALIST

In an effort to promote the highest level of academic success for every student, SMC offers a .5 credit elective course for individuals who will benefit from an Individualized Reading Plan (IRP). Eligible students are identified initially through standardized test results and/or teacher/parent recommendation. After the reading specialist completes a preliminary assessment, a customized reading plan is designed to address the student’s reading education needs. The plan may include a combination of phonics, spelling, vocabulary enrichment and/or comprehension–building strategies.

THE GUIDANCE DEPARTMENT

The Guidance Department at St. Mary Central High School provides a variety of student services, including personal, career and academic counseling.

PLAN and PSAT testing programs are managed through this department for sophomores and juniors. The Guidance Office distributes and provides information regarding the ACT and SAT.

School records and transcripts are also the responsibility of the Guidance Department and are available upon request. College materials and information are located in the Guidance Office and may be found on SMC's website (www.stmarycentral.org). Students applying to college or for scholarships and financial aid should discuss their plans with the Guidance Counselor, who will provide additional and necessary forms to be completed.

Guidance personnel welcome questions or concerns from parents, students and teachers. Individual parent/teacher conferences may be arranged by calling the Guidance Department. Students are encouraged to meet with their counselor as needed. Appointments should be made during students' study hall periods or lunch. They may also contact the counselor during class time in case of immediate need.

A particular focus of the Guidance Department is preparing students to make well-informed choices regarding their future after graduation. Options include two and four-year universities, technical colleges, the work force and the military.

COLLEGE ENTRANCE RECOMMENDATIONS

The Guidance Office recommends the following curriculum for those students who are college-bound:

- 4 credits of English
- 4 credits of Math beginning with Algebra I
- 4 credits of Social Studies
- 4 credits of Science
- 2 or more credits of one World Language
- 4 credits of other academic electives (Computer-Based Instruction, English, Fine Arts, Math, Science, Social Studies, World Language)

Admission to college can be competitive and selective. Students with the strongest qualifications, including the number of courses taken and the rigor of academic program (honors, Advanced Placement courses, etc.), have the greatest chance of admission.

FEES FOR THE 2011–2012 SCHOOL YEAR

- | | |
|---|---|
| ➤ Athletic Fee | \$75.00 per sport (maximum of \$150.00) |
| ➤ Fine Arts (Band, Chorus, Art and Drama) | \$75.00 per class (maximum of \$150.00) |
| ➤ Graduation Fee (Seniors) | \$85.00 |

DROP/ADD A COURSE

A student may drop and / or add a class only within the **first four class days** of each course. Permission for dropping or adding a class must be obtained from the student's parent(s), teachers involved in the change, the guidance counselor and the principal before the change is finalized. If a student withdraws from a class **after the fourth class day**, he or she will receive an F for the semester in that course. These guidelines are waived if the class withdrawal is teacher-initiated and approved by the principal. Schedule changes should take place no later than one week prior to the beginning of each semester. Students should not wait until classes start to request a schedule change; it will benefit students to have this taken care of before the new courses begin.

PLEASE DO NOT WAIT UNTIL SCHOOL STARTS TO REQUEST A SCHEDULE CHANGE!

COURSE DESCRIPTIONS

Business and Information Technology

Accounting Principles

Credit – 1.0
Elective – Year Long
Prerequisite – None
Grades – 11, 12

In this course, students will learn how to interpret reports and how to make business decisions based on financial information. The course will cover terminology and skills of accounting. Topics include financial statements, merchandising accounting for cash, inventory, payroll, and budgeting. This course lays the foundation for students to gain experience using QuickBooks Pro. Students practice creating a company using a chart of accounts, creating vendors and customers, demo payroll, record transactions, and generate and use financial reports. Being familiar with Windows is helpful.

Introduction to Business

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 10, 11, 12

This course introduces students to a variety of topics within business. Students learn the functions of each department within a company including Accounting, Marketing, Human Resources and Management. Students are taught an overview of each function of business and how they work together. QuickBooks Software will be utilized to assist in the technical functions of each of these departments. They will learn franchising and entrepreneurship operations. Guest speakers from area businesses will reinforce and provide “real life” background and information for the topics covered. The students will participate in a Stock Market simulation, in conjunction with Economics Wisconsin, in which they compete against other teams throughout the state for a chance to win a trip to the New York Stock Exchange. The Junior Achievement Titan on-line simulation is also a part of this class. The Titan program pairs students with other class members to compete and make business decisions involving capital investment, pricing, marketing, research, development, and charitable giving.

Introduction to Marketing

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 10, 11, 12

Class members learn about the key dimensions of marketing. Basic marketing functions are covered including product/service management, distribution, selling, pricing, and promotion. Introduction to Marketing focuses on the use of technology in the marketing industry. The Junior Achievement Titan on-line simulation is also a part of this class. The Titan program pairs students with other class members to compete and make business decisions involving capital investment, pricing, production, marketing, research and development, and charitable giving.

Personal Finance

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 10, 11, 12

Personal Finance is intended to prepare students for the challenges of keeping up with the rising cost of living by creating informed consumers. Topics covered include an understanding of the consumer’s role in the economy, money management, personal banking skills, credit, insurance and the practices and problems related to the buying of such goods and services as clothing, food, transportation, shelter and health care. Additional topics include: money management, tax preparation, family/individual budgeting, writing checks, balancing checkbooks, and general banking needs.

Software Applications I

Credit – 0.5

Elective – Semester 1 or 2

Prerequisite – None

Grades – 9, 10, 11, 12

This course includes instruction using Microsoft Word and Excel. It is recommended that students who plan to continue their education or pursue a business careers register in Software Applications I. Students will learn to use the word processing program Microsoft Word to create, format, edit, save, and print documents; enhance the visual display and clarity of documents; work with multiple documents; create and format tables; insert graphic elements; and develop file management techniques. Students will also learn the basic functions of the spreadsheet program Microsoft Excel, which includes creating, manipulating, and calculating numeric data. They will learn how to present the data more visually by charting it. This course will provide the basic skills for students to successfully create and complete the word processing and spreadsheet requirements of other class assignments.

Software Applications II

Credit – 0.5

Elective – Semester 1 or 2

Prerequisite – Software Applications I or Approval of Instructor

Grades – 9, 10, 11, 12

In this course, students will advance their working knowledge of Word, Excel, PowerPoint, Publisher and Access. This course teaches students to learn additional applications through self-paced instruction. Students will customize their learning by selecting two units from the following Microsoft Office software choices:

Word (Level 2) – Completion of Computer Applications I required

Excel (Level 2) – Completion of Computer Applications I required

PowerPoint

Publisher

Access (Level 1)

Access (Level 2)

The additional units in this course offering will further enhance the students' ability to successfully create and compete other class assignments at an advanced level.

Sports and Entertainment Marketing

Credit – 0.5

Elective – Semester 1 or 2

Prerequisite – None

Grades – 10, 11, 12

Students learn about the functions of marketing including the following: distribution, financing, product/service planning, pricing, promotion, selling, and marketing information management. Students conduct marketing research projects and advertising campaigns and apply technology to the industry. In conjunction with Junior Achievement, students will plan and carry out a hands-on event in which they have to market and staff an event. Students will conduct a total quality assessment of the event as part of the course. Students will also generate sales reports to reinforce concepts used during the event. Course content incorporates the sports and entertainment industries.

English

English 9

Credit – 1.0
Required – Year Long
Prerequisite – None
Grade – 9

English 9 is designed to encompass multiple components of the Language Arts. Students will be exposed to novel reading, short stories, poetry, drama, vocabulary, grammar, film, and oral speaking. Reading and writing will be the primary focus for all students each and every class period. The overall goal for all freshmen students is to gain an appreciation for reading and to better their writing skills as the foundation for their high school education.

Honors English 9

Credit – 1.0
Required – Year Long
Prerequisite – Departmental Approval
Grade – 9

This honors course is designed for those students who have shown academic excellence in middle school English. The course focuses on the functions of reading, writing, speaking and listening. This course also is designed to further develop competency in grammar, usage, sentence structure, paragraph writing and essay writing. Both the writing and reading in this class are more rigorous than the regular English Fundamentals class.

Oral and Written Composition 10

Credit – 1.0
Required – Year Long
Prerequisite – English 9 or Honors English 9
Grade – 10

This course is split into two semesters. Semester I focuses on the development of good public speaking skills. Students learn the many basic components of good public speaking including areas such as eye contact, enthusiasm, audience, volume, articulation, and listening. Semester II focuses on effective composition including expository writing, comparison/contrast, narrative writing, creative essays, and research development. Reading remains a central part to both semesters of this course.

Honors Oral and Written Composition

Credit – 1.0
Required – Year Long
Prerequisite – Departmental Approval
Grades – 10

This course is designed for those students who have shown exceptional ability in freshman English. This course focuses on good public speaking during Semester I, and effective composition during Semester II. Students accelerate at a quicker pace and are expected to think, speak, read, and write in a more critical/analytical manner. Reading remains a central part to both semesters of this course.

Forensics

Credit – 0.5
Elective – Semester 1, 2
Prerequisite – Departmental Approval
Grade – All

This course is designed for students who want to further their speaking and/or acting skills. It consists of two different semester venues. First semester students will be introduced to all areas of Forensics, both speaking and acting/interpreting. They will be able to work with a variety of these categories. Second semester students will begin learning to critique pieces by watching and providing feedback to fellow student performers and speakers, while perfecting their own pieces for competition.

American Literature

Credit – 1.0
Required – Year Long
Prerequisite – None
Grade – 11

This course takes a chronological approach to the study of American literature and its authors in order to increase the student's appreciation and understanding of our American literary heritage. The course stresses essay writing and a step-by-step approach to researching and organizing MLA documented papers using the binder method of assessment.

Honors American Literature

Credit – 1.0
Elective – Year Long
Prerequisite – Departmental Approval
Grades – 10, 11

This course is designed for those students who have shown academic excellence in English. It takes a chronological approach to American literature, including the latter's historical events and underlying philosophies. The focus of the course writing is two-fold. First, extensive work is done on perfecting essay-writing skills. Secondly, research and organization skills are increased in a step-by-step approach to writing MLA and APA style documented papers using note card and binder methods.

Contemporary Literature

Credit – 0.5
Elective – Semester 1, 2, or both
Prerequisite – Departmental Approval
Grade – 12

This course is designed for seniors who need a special approach to literature, language and writing. Students will read novels, short stories and biographies, written by authors from 1950 to the present. The lives of these authors and reviews of their works will be investigated. The course offers a wide variety of writing projects and many opportunities to use the Internet. The APA method of research and documentation will be learned and the MLA style reinforced.

World Literature

Credit – 0.5
Elective – Semester 1, 2 or both
Prerequisite – None
Grade – 12

This course uses the study of select English and World literature and their authors as a base to continue to enhance the student's vocabulary, writing skills, formally and creatively and critical thinking. The approach to this course is chronological and also includes historical events and philosophies on each literary age. In addition, this course reviews the MLA style of research and documentation and involves a step-by-step approach to researching and organizing documented papers using the APA format.

Greco-Roman Mythology

Credit – 0.5
Elective – Semester 1
Prerequisite – Departmental Approval
Grades – 10, 11, 12

This course studies Greek and Roman Mythology, as well as the contributions of an enormous pool of myths, legends and folktales from around the world. This includes the Greek and Roman gods, goddesses and heroes. Different constellations will be studied from their mythological origins. Students explore the multiple and varied myths, legends and folktales of the past and present.

Creative Writing

Credit – 0.5
Elective – Semester 2
Prerequisite – None
Grades – 10, 11, 12

This course is designed for students who enjoy writing in many different genres. Students have the opportunity to write different types of poetry, short stories, fiction and non-fiction, as well as create a high school memory book.

CAPP English

Credit – 0.5 SMC/3.0 UWO
Elective – Semester 1
Prerequisite – 3.25 GPA
Grades – 11, 12
Additional Requirements: See explanation of CAPP courses, page 6.

The course is a theme-based inquiry seminar entitled "The Refusal to Compromise One's Beliefs – Exalted Idealism, Martyrdom, Decadent Death Wish, Insanity, or What?" Subject matter focuses on the trials of Socrates, Thomas Becket, Thomas More and St. Joan of Arc; and on Sophocles' *Antigone*, Plato's *Crito*, *Phaedo* and *Apology*, Shakespeare's, *Romeo and Juliet*, Alfred Lord Tennyson's, *The Lady of Shalott*, Rostand's, *Cyrano de Bergerac* and Mishima Yukio's, *Patriotism*. The canons of writing designed to make one's language usage clear and impressive are also addressed.

AP Language And Composition

Credit –1.0

Elective – Year Long

Prerequisite – Departmental Approval

Grades – 11, 12

Additional Requirements: See explanation of AP courses, page 6.

Students in this introductory college–level course read and analyze a broad and challenging range of nonfictions prose selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy while strengthening their own composing abilities. Course readings feature expository, analytical, personal and argumentative texts from a variety of authors and historical contexts. Students examine work with essays, letters, speeches, images and imaginative literature. Students prepare for the AP Exam in English Language and Composition and may be granted advance placement, college credit, or both as a result of satisfactory performance.

AP Literature and Composition

Credit – 1.0

Elective – Year Long

Prerequisite – Departmental Approval

Grades – 11, 12

Additional Requirements: See explanation of AP courses, page 6.

This course is designed to be a college/university–level course. Students will be provided with the intellectual challenges and workload consistent with undergraduate Literature and Humanities courses. Students in this course read and analyze a broad and challenging range of fiction and poetry selections, which include some philosophically adult material. As a culmination to the course, students may take the AP Exam in English Literature and Composition and may be granted advanced placement, college credit, or both as a result of satisfactory performance.

CAPP Speech

Credit – 0.5 SMC/3.0 UWO

Elective – Semester 2

Prerequisite – 3.25 GPA

Grades – 11, 12

Additional Requirements: See explanation of CAPP courses, page 6.

This course is designed to help the student gain better command of the rhetorical canons, including conceptual design; evidence and logical, emotional, and ethical argumentation; organization skills; clear, correct, and appropriate language; and vocal and visual presentation. Formats include narrative, informative, problem-solution, argumentative, and special occasion public speaking. Focus also is upon gaining better control of stage fright. A textbook purchase is required.

Electives (General)

Accuplacer

Credit – 0.5
Elective – Semester 1
Prerequisite – None
Grade – 12

This course is designed for students who are planning to attend a technical college. It consists of both reading and math review to prepare for the Accuplacer Test. The actual test is taken on the FVTC campus.

Journalism

Credit – 0.5
Elective – Semester 1, 2, or both
Prerequisite – None
Grades – 10, 11, 12

Students who take this course will learn the elements of newspaper style. They will learn how to gather news and conduct interviews while they prepare articles for the school newspaper. All students will have the chance to tackle a range of assignments from hard news to feature stories, sports assignments to editorials. Students will work as a team to write, edit, layout and produce the school newspaper.

Career Experience

Credit – 0.5
Elective – Semester 1, 2, or both
Prerequisite – None
Grade – 12
Additional Requirements – Minimum of 20 high school credits, independent employment in related field. Class may be repeated for credit.

Career Experience provides students the opportunity to enhance in-school instruction consistent with the student's career interest. Through this course, the student apply skills and knowledge to an actual job situation, learn additional skills not taught in the classroom and develop the ability to get along with people on the job site.

CAPP Philosophy 109: Masterpieces of Philosophy

Credit – 0.5 SMC/3.0 UWO
Elective – Semester 1
Prerequisite – 3.25 GPA
Grades – 11, 12

Additional Requirements: See explanation of CAPP courses, page 6. (No textbook required)

This course is designed to enable students to refine their thinking on the basic questions that affect all human beings, to formulate more clearly their personal values and to discuss these with intellectual vigor. Philosophers studied include Plato, Aristotle, Cicero, Marcus Aurelius, Saint Augustine, Niccolo Machiavelli, Rene Decartes, Jean-Jacques Rousseau, Karl Marx, Friedrich Engel, Friedrich Nietzsche, Fyodor Dostoevsky, Sigmund Freud, Albert Camus and Jean-Paul Sartre. Student's writings will focus on how the above philosophers and their ideas apply to modern society.

CAPP Philosophy 105: Pathways to Ethics

Credit – 0.5 SMC/3.0 UWO
Elective – Semester 2
Prerequisite – 3.25 GPA
Grades – 11, 12

Additional Requirements: See explanation of CAPP courses, page 6. (No textbook required)

This course treats the origins of ethics, the great ethical traditions (Indian, Buddhist, Classical Chinese, Jewish, Christian and Islamic) theories about how humans ought to live, arguments about specific ethical issues and with the nature of ethics itself. Application, via discussion, essay-writing and oral reports, will address such topics as world poverty, environmental ethics, euthanasia, personal relationships, equality, discrimination, preferential treatment, animal rights and crime and punishment.

Strategic Reading

Credit – 0.5

Elective – Semester 1, 2, or both

Prerequisite – Approval of the Reading Specialist

Grades – 9, 10, 11, 12

Strategic reading is an individualized course for students who would benefit from direct instruction in reading. An Individual Reading Plan is developed for each student. The plan may include a combination of the following components: phonics, spelling, vocabulary development and comprehension strategies. This class may be taken more than once based on student need. Focus will be on functional reading and content reading for other academic classes.

Yearbook

Credit – 0.5 or 1.0

Elective – Semester 1, 2, or both

Prerequisite – None

Grades – 10, 11, 12

Students learn the aspects of graphic design through the Jostens On-Line Yearbook program. Photo shoots and page layouts are assigned. Organizational and planning skills to meet production deadlines are part of the class. Proofreading, grammar, and punctuation are reinforced. Student-driven decisions about layouts and design teach students to learn how to make responsible content decisions. The students are accountable for the sale and distribution of the yearbooks. This class makes the school scrapbook.

Fine Arts – Visual Art

All fine arts courses have an additional requirement of a \$75.00 per fine arts class fee (maximum of \$150.00 per student.)

Fundamentals of Art

Credit – 0.5
Required – Semester 1 or 2
Prerequisite – None
Grades – 9, 10, 11, 12

This course is a required introduction for all other studio art courses offered at SMC. The student will become familiar with the vocabulary of the artist and the elements and principles of design. Students will learn in multiple ways, including valuable hands-on experience that will reinforce concepts. Among the ideas explored will be how the artist, when faced with a design challenge, begins to formulate ideas.

Photography

Credit – 0.5
Elective – Semester 1
Prerequisite – Fundamentals of Art
Grades – 9, 10, 11, 12

There may be a modest fee for the production of color and black and white prints and good quality photo paper. Availability of a digital camera is important. A DSLR is preferred, however, any good quality digital camera may be used. Students will become familiar with the equipment and techniques of the photographer and will learn to think like an artist while using this 21st Century tool. Indoor and outdoor shooting is included.

Art 2-2D

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – Fundamentals of Art
Grades – 9, 10, 11, 12

This course consists of two-dimensional work in drawing with various materials, painting in acrylic and mixed media, printmaking, and design. A “Homework” painting with in-class critiques may be a component of this course.

Activities: Studio artwork. Students may participate in field trips and in an annual exhibit. (Field trip experiences may include trips to the Art Institute of Chicago, the Milwaukee Art Center, UW-Oshkosh, and the Bergstrom-Mahler Museum.)

Art 3-2D

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – Fundamentals of Art, Art 2-2D
Grades – 10, 11, 12

This course is a continuation of the two-dimensional art studio path. As the art student progresses to the third and fourth levels, the drawing and painting challenges may be fewer but will be more complex. A homework assignment and regular critiques will be an important part of the course. With plenty of help from the instructor, any student who has taken the prerequisites and has a serious interest in the visual arts should not feel intimidated. Students may participate in field trips and in an annual exhibit. (Field trip experiences may include trips to the Art Institute of Chicago, the Milwaukee Art Center, UW-Oshkosh, and the Bergstrom-Mahler Museum.)

Art 4-2D

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – Fundamentals of Art, Art 2-2D, Art 3-2D
Grades – 10, 11, 12

This course is a continuation of the two-dimensional art studio path. As the art student progresses to the fourth level, the drawing and painting challenges may be fewer but will be more complex. The student will determine the curriculum, with the advice and approval of the art teacher. A homework assignment and regular critiques will be an important part of the course. With help from the instructor, any student who has taken the prerequisites and has a serious interest in the visual arts should not feel intimidated. Students may participate in field trips and in an annual exhibit. (Field trip experiences may include trips to the Art Institute of Chicago, the Milwaukee Art Center, UW-Oshkosh, and the Bergstrom-Mahler Museum.)

Art 2-3D

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – Fundamentals of Art
Grades – 9, 10, 11, 12

This course consists of the planning and execution of three-dimensional work using various materials and may include clay, metals, stone and fabric. Critiques will be a part of the learning experience and students will learn how artists formulate their ideas. There will also be a look at the work of professionals through the ages.

Activities: Studio artwork. Students may participate in field trips and in an annual exhibit. (Field trip experiences may include trips to the Art Institute of Chicago, the Milwaukee Art Center, UW-Oshkosh, and the Bergstrom-Mahler Museum.)

Art 3-3D

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – Fundamentals of Art, Art 3-3D
Grades – 10, 11, 12

This course consists of the planning and execution of three-dimensional work using various materials and may include clay, metals, stone and fabric. Critiques will be a part of the learning experience and students will learn how artists formulate their ideas. There will also be a look at the work of professionals through the ages.

Activities: Studio artwork. Students may participate in field trips and in an annual exhibit. (Field trip experiences may include trips to the Art Institute of Chicago, the Milwaukee Art Center, UW-Oshkosh, and the Bergstrom-Mahler Museum.)

Art 4-3D

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – Fundamentals of Art, Art 2-3D, Art 4-3D
Grades – 10, 11, 12

This course is a continuation of the three-dimensional art studio path. As the art student progresses to the fourth level, the challenges may be fewer but will be more complex. The student will determine the curriculum, with the advice and approval of the art teacher. With help from the instructor, any student who has taken the prerequisites and has a serious interest in the visual arts should not feel intimidated. Students may participate in field trips and in an annual exhibit. (Field trip experiences may include trips to the Art Institute of Chicago, the Milwaukee Art Center, UW-Oshkosh, and the Bergstrom-Mahler Museum.)

Understanding the Arts-CAPP

Credit – 0.5 and 3.0 University Credits – (optional)
Elective – Semester 1 or 2
Prerequisite – None
Grades – 11, 12

No SMC art fee. Cost for 3 university credits will be announced during first week of class. This course emphasizes the development of Art of the Western World. The chronological development of art from ancient times to the present will be taught. Slides, videos and reproductions, and related discussion sessions will be used. This is an advanced class for the above average to excellent student, regardless of whether or not the student has taken any studio art courses. A short, hands-on unit on design may be incorporated into the class. Eleventh and twelfth grade students who meet designated criteria may take the course for CAPP credit. Activities: Lecture, slides, videos. Field trips may be taken to various museums or universities. Extra costs: Transportation for field trips, if they occur, and a university fee if taken for CAPP credit. Successful students will be able to request a college transcript from the sponsoring university, UW-Oshkosh.

Fine Arts – Music

All fine arts courses have an additional requirement of a \$75.00 per fine arts class fee (maximum of \$150.00 per student.)

Concert Band

Credit – 0.5
Elective – 1, 2, or both
Prerequisite – None
Grades – 9, 10, 11, 12

This class may be taken more than once for credit. This course provides an opportunity to perform many styles of music, including Classical, Jazz and Pop. Our pep band is formed from the concert band participants and often performs at football and basketball games. Attendance at games where the pep band performs is required. The concert band may also participate in various parades. Students will participate in individual/group lessons at least once every two weeks and have the opportunity to participate in Solo Ensemble in the second semester.

Jazz History

Credit – 0.5
Elective – Semester 2
Prerequisite – None
Grades – 9, 10, 11, 12

This course provides the opportunity to listen to and study jazz music from its origin in the United States. The Big Band Era will also be studied. The Ken Burns documentary on the “History of Jazz” is used extensively.

Music Appreciation

Credit – 0.5
Elective – Semester 1
Prerequisite – None
Grades – 9, 10, 11, 12

This course provides the opportunity to listen to and study the music of composers from the Classical Period through the Romantic Period of music. This course gives the student a deeper appreciation of other styles of music and helps prepare them if they study music at a college level.

Zephyr Chorale

Credit – 0.5
Elective – Semester 1, 2, or both
Prerequisite – None
Grades – 9, 10, 11, 12

This class may be taken more than once for credit. The Zephyr Chorale provides an opportunity to challenge students vocally with a variety of music from Classical, Jazz, Liturgical & Pop standards. Developing your singing & performing voice along with sight singing, tone recognition and recognizing rhythms are essential elements to the Zephyr Chorale. The Zephyr Chorale also performs for TCCES and community functions. Solo and Ensemble is required in the 2nd Semester and is included in our performance scheduling. Students will also participate in individual and sectional lessons with the Director.

Mathematics

Pre-Algebra A/B

Credit – 1.0
Elective – Year long
Prerequisite – None
Grade – 9, 10

Pre-Algebra is a starting point for the student who needs some review before Algebra. The first semester reviews topics that they have already seen to help build a strong foundation. The second semester introduces topics that will be explored further in Algebra.

Pre-Algebra B was created for students who have completed a year of Pre-Algebra A. These students will get individualized attention to zero-in on areas that they were lacking in their previous math class. It will allow the class to focus on certain topics to reinforce and apply concepts. With the help of this class, students will be more confident and successful when entering Algebra.

Algebra I

Credit – 1.0
Recommended – Year Long
Prerequisite – None
Grades – 9, 10

This class is intended for students with a good grasp of basic math skills. Algebraic topics are introduced and implemented with both routine and non-routine problems. Fundamental topics taught in this class include sign numbers, algebraic expressions and equations, exponents, radical expressions, factoring polynomials, systems of equations and graphing. Basic geometric topics are also introduced.

Geometry

Credit – 1.0
Recommended – Year Long
Prerequisite – Algebra 1
Grades – 10, 11, 12

This is a full-year course designed to be consistent with the current changes in the national mathematical curriculum. Students will work with geometric tools to discover geometric theorems. Fundamental topics include inductive and deductive reasoning, defining polygons, constructions, congruence, area, volume, trigonometry and geometric proofs.

Accelerated Geometry

Credit – 1.0
Recommended – Year Long
Prerequisite – Placement test, MAP scores, minimum of B in Algebra I
Grade – 9
Additional Requirements: Compass and protractor

This is a full-year course designed for freshmen only. It is an informal *guided-discovery approach* whereby the student works with geometric tools to discover geometric theorems by experimentation and observation. Fundamental topics include: inductive and deductive reasoning, defining polygons, constructions, congruence, area, volume, trigonometry and geometric proofs.

Algebra II

Credit – 1.0
Recommended – Year Long
Prerequisite – Geometry
Grades – 10, 11, 12
Additional Requirements: TI-84 calculator

This full year course includes topics from both Algebra 2 and Trigonometry. Fundamental topics taught in this class include linear equations and functions, quadratics, polynomials, rational and irrational expressions, logarithms, trigonometric functions, identities and equations involving trigonometric functions. The graphing calculator will be introduced and utilized throughout the year. This course will greatly enhance the student's understanding of Algebra.

Trigonometry

Credit – 0.5
Recommended – Semester 1
Prerequisite – Algebra II
Grade – 12
Additional Requirements: TI-84 calculator

Note: This class is offered only in the fall semester. Trigonometry will be offered after a year of Algebra II has been completed. This class will be a benefit for students not ready to go into Pre-Calculus, but who still want to maintain a math class. Many skills from Algebra II will be used in exploring the topics of: trigonometric functions, radian measure, circular equations and trigonometric identities.

Pre-Calculus

Credit – 0.5
Recommended – Semester 1
Prerequisite – Algebra II
Grades – 11, 12
Additional Requirements: TI-84 calculator
Note: This class is offered only in the fall semester.

This is the first advanced course for college bound students. Some of the advanced topics include analytic geometry, exponential and logarithmic functions and conic sections. There is an integrated emphasis on both routine and non-routine problem solving. Graphing calculators will be utilized extensively. This course will greatly enhance a student's understanding of mathematics.

Calculus A

Credit – 0.5
Elective – Semester 2
Prerequisite – Pre-Calculus
Grades – 11, 12
Additional Requirements: TI-84 calculator
Note: This class is offered only in the spring semester.

This course emphasizes the first part of Calculus: differentiation. The emphasis will be on developing the theory and techniques needed to formulate mathematical descriptions of phenomenon like projectile motion, energy and work and economic predictions. Those students who are interested in taking Calculus B will be assigned a summer review packet, which will be due in the fall.

Calculus B

Credit – 0.5
Elective – Semester 1
Prerequisite – Calculus A
Grade – 12
Additional Requirements: TI-84 calculator
Summer review packet will be assigned.
Note: This class is offered only in the fall semester.

Many of the topics in Calculus B are a continuation from Calculus A; however, definite integrals and the Fundamental Theorem of Calculus are also introduced. A solid understanding of the Calculus A material is needed; therefore, the summer review packet is essential.

AP Calculus AB

Credit – 0.5
Elective – Semester 2
Prerequisite – Calculus B
Grade – 12
Additional Requirements: TI-84 calculator; See explanation of AP courses, page 6.

Advanced Placement (AP) Calculus is a special review course for the most advanced students who have demonstrated a complete understanding of Calculus. The primary focus of AP Calculus is to prepare the students for the Advanced Placement Calculus test for college credit. Calculators will be used extensively to prepare for the calculator section of the AP test.

Physical Education

Philosophy of Physical Education at SMC

Saint Mary Central High School is recognized for its ability to thoroughly prepare young adults for a successful future. This standard of excellence is integrated into selecting and completing classes from the physical education department. Beyond the health class, the physical activity classes offered by the department include courses through which students learn how to achieve and maintain a health-enhancing level of physical activity that will improve their quality of life.

Developmentally appropriate learning experiences taught by a qualified professional are key factors for providing students opportunities for enjoyment, challenge, self-expression and social interaction. All seven Wisconsin Physical Education State Standards are creatively woven with corresponding benchmarks through the physical education learning experiences at SMC.

SMC allows only those students who have very specific and legitimate educational need to earn a .5 physical education credit through Gym Pack.

Health

Credit – 0.5
Required – Semester 1 or 2
Prerequisite – None
Grades – 9, 10, 11, 12

The focus of this class is on the seven areas of wellness. These areas include emotional, environmental, intellectual, occupational, physical, social and spiritual wellness. Students will understand and demonstrate communication skills, resistance skills and stress management skills. They will also learn how to access valid health information, products and services, analyze influences on health and set goals for a successful future.

Physical Fitness 9/10

Credit – 0.5
Required – Semester 1 or 2
Prerequisite – None
Grades – 9, 10

Students will learn how to achieve and maintain a health-enhancing level of physical activity that will promote their quality and quantity of life. Students will refine the motor skills and movement patterns needed to perform a variety of physical activities. After completion of this class, students will value physical activity for health, enjoyment, challenge, self-expression and social interaction.

Life Sports I

Credit – 0.5
Elective – Semester 1
Prerequisite – Physical Fitness
Grades – 11, 12

The focus of this class is staying active for a lifetime while participating in individual sport. Badminton, weight training, pickle ball, tennis, disc golf, mountain biking, inline skating and cross-country skiing are the units covered. In addition, downhill skiing, snowboarding, surfing, rock climbing, kayaking and scuba diving are explored.

Life Sports II

Credit – 0.5
Elective – Semester 2
Prerequisite – Physical Fitness
Grades – 11, 12

The focus of this class is staying active for a lifetime while participating in team sports. Basketball, volleyball, softball, flag football, indoor soccer, ultimate Frisbee and team handball are the units covered.

Weight Training

Credit – 0.5

Elective – Semester 1 or 2

Prerequisite – Physical Fitness

Grades – 11, 12

The focus of this class is muscular strength endurance development through the use of balanced programs. Lecture topics include muscle anatomy, basic and intermediate lifts, spotting techniques, core strength, safety, types of stretching, injury prevention, benefits of resistance training, types of programs and program design.

Science

Physical Science

Credit – 1.0
Required – Year Long
Prerequisite – None
Grade – 9

This course is designed to give students a good introduction to the physical sciences of Chemistry and Physics. The students will improve their critical thinking skills and become proficient in rudimentary lab techniques.

Biology

Credit – 1.0
Required – Year Long
Prerequisite – Physical Science
Grade – 10

This course will expose the student to the basics of biology. It is a lab/lecture course, which will help students prepare for upper level biology. Emphasis will be placed on cell structure and function, heredity, genetics, evolution and human reproduction.

CAPP Biology

Credit – 0.5 SMC/3.0 UWO
Elective – Year Long
Prerequisite – Biology (Chemistry may be concurrent); Science GPA of 3.25, Cumulative 3.25
Grades – 11, 12
Additional Requirements: See explanation of CAPP courses, page 6.

Biology 105 Biological Concepts and Connections is a University Course. This course addresses phenomena common to a diversity of life forms. Biological organization, cell biology processing energy, genetics and evolution are primary themes. CAPP students are eligible for a UW Oshkosh Titan Card and are encouraged to use the campus facilities and computer labs.

Anatomy/Physiology

Credit – 1.0
Elective – Year Long
Prerequisite – Biology and Science GPA of 3.0
Grades – 11, 12

This two-semester course is designed to provide students with a basic understanding of the structure and function of the human body. It is a challenging lecture lab course directed toward students who are considering careers in health, medicine, or biology. It may also be of interest to any science minded student.

Chemistry

Credit – 1.0
Elective – Year long
Prerequisite – Biology and must have/be taking Algebra II
Grades – 11, 12

This course introduces chemistry concepts to students through a variety of student-centered activities including demonstrations, laboratory work, lectures and projects. This course will cover topics from the evolution of modern atomic theory to quantitative portions of chemical reactions.

AP Chemistry

Credit – 1.0
Elective – Year long
Prerequisite – Chemistry & Algebra II
Grades – 11, 12
Additional Requirements: See explanation of AP courses, page 6.

This course is designed to cover one semester of introductory college chemistry. It is fast-paced with much time needed to spend on course material and lab work. The course culminates with the AP exam in May, which will grant students college credit if they do well.

Earth Science

Offered in 2013-14

Credit – 1.0

Elective – Year Long

Prerequisite – None

Grades – 10, 11, 12

This course is designed to look at the Earth through exploration of the four branches of Earth Science: astronomy, geology, meteorology and oceanography. The overall goal is to provide students with information about the Earth's processes.

Environmental Science

Offered in 2012-2013

Credit – 1.0

Elective – Year Long

Prerequisite – Biology

Grades – 10, 11, 12

In this course students will explore the two main types of interactions between man and the environment: how man uses natural resources and how man's actions alter his environment. To do that, the class will focus on the three main environmental issues: resource depletion, pollution, and loss of biodiversity. Current environmental events will also be studied to encourage students to develop their critical thinking skills so that they may form educated positions on environmental topics. Students will use hands-on activities, discussion, lectures, and projects to do their exploration. There will also be a service learning component associated with the class in that each student will have to complete 2 hours of service each semester at a nature center in the local community and then share his/her experience with the class.

Physics

Credit – 1.0

Elective – Year Long

Prerequisite – Algebra II

Grades – 11, 12

This course is recommended for anyone considering any science-related field in college or for anyone desiring to improve problem-solving skills. First semester will focus on classical mechanics such as motion, momentum and energy. The second semester will deal with sound, light and electricity. The curriculum is based on lab work that explores the nature of the world. Many of the labs incorporate the use of computers and sensors for collecting and analyzing data.

Social Studies

Global Studies

Credit – 1.0
Required – Year Long
Prerequisite – None
Grade – 9

Global studies will focus on the people of the various continents as well as the history and culture of these areas. This course will be multi-disciplinary in nature, combining a measure of historical, religious, geographic, political, economic and cultural analysis of one or more countries in a particular region.

Government

Credit – 0.5
Required – Semester 1 or 2
Prerequisite – None
Grades – 11, 12

Emphasis in this class is placed on how government operates at the federal and state levels. Special consideration will be given to how each level of government affects the individual student in his/her daily life. Class time will also be devoted to the study of current events.

United States History

Credit – 1.0
Required – Year Long
Prerequisite – None
Grade – 11

This course is a comprehensive look at the political, economic and social factors that have shaped our country from pre-colonial times to the present. Emphasis is placed upon critical thinking, examining causal relationships between events and identifying significant themes in American History. Units include the Revolution, Sectionalism and Civil War and The Cold War Era.

Ancient Civilization

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 10, 11, 12

Ancient Civilization will focus the rise of Western Civilization from the beginnings of civilization in Africa and Mesopotamia to the fall of Rome. This is a survey course that covers a broad span in history, but also allows students to do in-depth research on culture, geography, politics, and economics on the time periods studied.

Economics

Credit – 0.5
Elective – Semester 1
Prerequisite – Geometry
Grades – 11, 12

This class seeks to provide students with a strong introductory background in economics at the micro and macro levels. First quarter topics focus on individual market structure and participants, looking at inputs, outputs, supply and demand. Second quarter is an examination of national economic metrics and behavior, including fiscal and monetary policies.

Modern European History

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 10, 11, 12

This study of European history will examine the cultural, economic, and geopolitical developments that have shaped the world since The High Renaissance, The Enlightenment, Revolution, and World Wars I and II. This is a rigorous semester long course for students wishing to delve deeper into history.

Psychology

Credit – 0.5
Elective – Semester 1
Prerequisite – None
Grades – 11, 12

Psychology is the social science that studies the mind through the behavior of individuals. The purpose of this course is to give the student the basic understanding of his or her behavior and how that behavior relates to others.

AP Psychology

Credit – 0.5
Elective – Semester 2
Prerequisite – None
Grades – 11, 12
Additional Requirements: See explanation for AP courses, page 6.

This College Board AP Psychology course is designed to provide students with a learning experience equivalent to that of an introductory college course in psychology. The course will introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals in context.

Introduction to Law

Credit – 0.5
Elective – Semester 2
Prerequisite – None
Grades – 10, 11, 12

This class offers many tools used to help students become contributing members of society. It will describe the nature of the laws that relate to the student, the consequences of the laws and the historical content of the laws. Students will learn the procedures, policies, origins and terms of the law. This class could include discussions with lawyers, readings of specific court cases, field trips to court and other aspects of the judicial system.

AP United States Government and Politics

Credit – 0.5
Elective – Semester 2
Prerequisite – U.S. History (may be concurrent)
Grades – 11, 12
Additional Requirements: See explanation of AP courses, page 6.

This rigorous course will provide students with informational background and analytical skills to understand, interpret and explain the function of United States government and the political events that surround it. Topics such as the Constitution, branches of government and influences on American politics will be studied to prepare for successfully taking the AP exam.

World Geography

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 10, 11, 12

This course is provided to students who are interested in broadening their knowledge of the world's geographic composition. World regions are studied in terms of their physical and political make up. Each region's population's patterns, ethnic cultures and history are also explored. World Geography is recommended for sophomores but is also open to juniors and seniors.

Chinese Culture: Past, Present, Future

Credit – 0.5
Elective – Semester 1 or 2
Prerequisite – None
Grades – 9, 10, 11, 12

This course is provided to students who are interested in broadening their knowledge of the important aspects of China's cultural history and traditions. In addition, current social, cultural, and business topics are incorporated with respect to both elite and popular culture in China. Course content will include cultural awareness, business issues, current events, and future directions.

Theological Studies

Jesus and the Scriptures

Credit – 0.5
Required – Semester 1
Prerequisite – None
Grade – 9

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. Students will learn how to read the Bible and will become familiar with the major sections of the Bible as well as the books included in each section. Students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Jesus and His Mission

Credit – 0.5
Required – Semester 2
Prerequisite – None
Grade – 9

The purpose of this course is two fold: to introduce the students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity and to help students understand all that God has done for us through his Son, Jesus Christ. In this course, students will understand 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. They will also learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Jesus and the Church

Credit – 0.5
Required – Semester 1
Prerequisite – None
Grade – 10

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

Sacraments

Credit – 0.5
Required – Semester 2
Prerequisite – None
Grade – 10

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the Sacraments, particularly through the Eucharist. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life.

Morality – Life in Christ

Credit – 0.5
Required – Semester 1
Prerequisite – None
Grade – 11

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God’s plans for their lives. The course will enlighten students to the elements of moral decision-making. It gives an understanding of Church Law and the importance of personal values. Students will explore the *Catechism of the Catholic Church* and other major documents. Topics examined include suicide, abortion, respect for life, genetic engineering, cloning, and the consistent ethic of life.

Social Justice – Living as a Disciple

Credit – 0.5
Required – Semester 2
Prerequisite – None
Grade – 11

The purpose of this course is to introduce students to the Church’s social teachings. Through Christ’s concern for others, we are called to work to eliminate the occurrence and effect of poverty, to speak out against injustice, and to shape a caring society and a more peaceful world. This course will address key elements of Catholic Social Teaching. Topics include poverty, hunger, homelessness, capital punishment, and restorative justice.

Ecumenical and Religious Issues

Credit – 0.5
Required – Semester 1
Prerequisite – None
Grades – 12

The purpose of this course is to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God’s Revelation, the course is intended to help students recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It will also help students to recognize the ways in which other systems of belief and practice differ from the Catholic faith.

Christian Discipleship

Credit – 0.5
Elective – Summer–1 week
Prerequisite – Application process for entrance into class required
Grades – 9, 10, 11

This course will qualify for general elective credit only.

Additional Requirements: A 1–week commitment during summer vacation. Details are provided prior to the end of the first semester. Students/parents are required to attend organizational meetings, complete related assignments if taken for course credit and must pay cost of work camp, travel, programming, food, tools and supplies, as needed.

The goal of service work is to teach students to interact with people who are different from themselves by working with, learning from and serving others. These experiences cultivate a sense of stewardship and a realization that all are endowed with an enormous capacity of generosity and care. Service work is a proper response to the Gospel and to the Catholic Social Teachings. It is a unique opportunity for students to share in the SMC mission of bringing about a more just and humane society.

World Languages

French I

Credit – 1.0
Elective – Year Long
Prerequisite – None
Grades – 9, 10, 11, 12
Additional Requirements: \$8.00 fee for materials/workbooks

The first year of French includes the fundamentals of language structure and vocabulary, as well as emphasis on the four basic language skills: listening, reading comprehension, speaking and writing. Also discussed as an integral part of the course are culture, customs and geography. Oral participation, homework and spoken and written testing, as well as projects, are the forms of evaluation used.

French II

Credit – 1.0
Elective – Year Long
Prerequisite – French I or placement test/teacher recommendation.
Grades – 9, 10, 11, 12
Additional Requirements: \$8.00 fee for materials/workbooks

The second year of French includes a brief review of the elements taught in first year and continuation of first-year work with emphasis on further development of the four basic language skills. Students continue to expand their understanding of French culture, history and geography. Writing and speaking skills are stressed.

French III

Credit – 1.0
Elective – Year Long
Prerequisite – a grade of C or better in French II
Grades – 10, 11, 12
Additional Requirements: \$8.00 fee for materials/workbooks

The third year of French consists of a review of structures and vocabulary of second year, as well as an introduction of more advanced past tenses, the future and conditional. Short stories are introduced to the students to expose them to new structures and vocabulary.

French IV/V

Credit – 1.0
Elective – Year Long
Prerequisite – a grade of C or better in French III
Grades – 11, 12
Additional Requirements: \$8.00 fee for materials/workbooks
Note: This is a two-year cycle course.

In the 4th and 5th years of French, students are introduced to compound tenses, the subjunctive mood and other more sophisticated aspects of the French language. They read short stories and novels in French and delve more into the history and culture of French-speaking countries. Students are prepared for university entrance examinations.

German I

Credit – 1.0
Elective – Year Long
Prerequisite – None
Grades – 9, 10, 11, 12
Additional Requirements: \$8.00 fee for materials/workbooks

The first year of German introduces the students to the fundamental language structures and vocabulary. To begin developing the students' ability to communicate in German, the five basic language skills (reading comprehension, writing, speaking and listening) are emphasized. The cultures, customs and geography of German-speaking countries are also explored.

German II

Credit – 1.0
Elective – Year Long
Prerequisite – German I or placement test/teacher recommendation.
Grades – 9, 10, 11, 12
Additional Requirements: \$8.00 fee for materials/workbooks

After a short review of vocabulary and grammar from German I, second-year students continue to expand their communication skills. The geography, customs and culture of German-speaking countries are further explored. Writing and speaking skills are stressed.

German III

Credit – 1.0

Elective – Year Long

Prerequisite – a grade of C or better in German II

Grades – 10, 11, 12

Additional Requirements: \$8.00 fee for materials/workbooks

The third year of German consists of a review of previous knowledge as well as the introduction of more advanced grammar, conversational skills and vocabulary. Stories, novels, and various online resources are used to enhance the students' knowledge of new structures and vocabulary. The class is conducted primarily in German.

German IV/V

Credit – 1.0

Elective – Year Long

Prerequisite – a grade of C or better in

German III/IV

Grades – 11, 12

Additional Requirements: \$8.00 fee for materials/workbooks

Note: This is a two-year cycle course.

The 4th and 5th years of German include a short review of previous content. Advanced sentence structure, complex verb tenses and expanded vocabulary are emphasized. Novels, stories, and other authentic materials in German are used to enhance their knowledge of culture, history and literature of German-speaking countries. Students are prepared for college/university entrance exams. The class is conducted in German.

Mandarin I

Credit – 1.0

Elective – Year Long

Grades – 9, 10, 11, 12

Additional Requirements: Mandarin – English Dictionary; \$8.00 fee for materials/workbooks

This is an introductory course to the Mandarin Chinese language. Students will develop basic conversational skills and proficiency in reading and writing about 250 Chinese characters. The relationship between language and culture with an emphasis on the business environment will be stressed throughout.

Mandarin II

Credit – 1.0

Elective – Year Long

Grades – 9, 10, 11, 12

Additional Requirements: Mandarin – English Dictionary; \$8.00 fee for materials/workbooks

The second year of Mandarin includes a brief review of the elements taught in first year and continuation of first-year work with emphasis on further development of the four basic language skills. Students continue to expand their understanding of Chinese culture, history and geography. Writing and speaking skills are stressed. The relationship between language and culture with an emphasis on the business environment will be stressed throughout.

Spanish I

Credit – 1.0

Elective – Year Long

Prerequisite – None

Grades – 9, 10, 11, 12

Additional Requirements: Spanish – English Dictionary; \$8.00 fee for materials/workbooks

Beginning level Spanish consists of how to converse one-on-one with someone as well as with a group of people in the target language. Students learn the basics on verb conjugation, grammar, vocabulary, pronunciation, reading, listening skills and sentence structuring. They are exposed to culture and/or social customs, history and geography from various Spanish-speaking countries.

Spanish II

Credit – 1.0

Elective – Year Long

Prerequisite – a grade of C or better in Spanish I, placement test score and teacher recommendation.

Grades – 9, 10, 11, 12

Additional Requirements: Spanish – English Dictionary; \$8.00 fee for materials/workbooks

Students are exposed to more intermediate grammar including a more in-depth study in the use of object and reflexive pronouns and the past tenses. Upon completion of class students should be able to have detailed conversations in Spanish.

Spanish III

Credit – 1.0

Elective – Year Long

Prerequisite – a grade of C or better in Spanish II and teacher recommendation.

Grades – 10, 11, 12

Additional Requirements: Spanish – English Dictionary; \$8.00 fee for materials/workbooks

Third year Spanish students will master verb tenses and other grammar formations learned from Spanish I and II. Students will also be introduced to the subjunctive mood and its verb tenses and usage. In addition, students will continue to read, practice conversation and improve their writing skills.

Spanish IV

Credit – 1.0

Elective – Year Long

Prerequisite – a grade of C or better in Spanish III and teacher recommendation

Grades – 11, 12

Additional Requirements: Spanish – English Dictionary; \$8.00 fee for materials/workbooks

Fourth year students review difficult grammar concepts and subjunctive mood. Frequent readings in the target language are for culture and pleasure. Culture will be explored through film & literature. Spanish IV is largely project-based.

Spanish V

Credit – 1.0

Elective – Year Long

Prerequisite – a grade of C or better in Spanish IV and teacher recommendation

Grades – 11, 12

Additional Requirements: Spanish – English Dictionary; \$8.00 fee for materials/workbooks

Fifth year students will study complex structures in more depth and develop proficiency in speaking, listening, reading and writing. Culture will be explored through film and literature. Students prepare to take college/university placement exams. Spanish V is largely reading: project-based.

St. Mary Central High School – Four-Year Planner

Student Name, Year of Graduation _____

Please use a pencil to record the classes you anticipate taking each year. If a class is a semester class, put both semester classes on the same line. If you change from what you have written, erase the course that was omitted and put a new course in its place. By placing grades and credits in appropriate spaces, you will be able to track your progress from year to year. SMC has an eight period day. Students must have 3.5 credits each semester.

Grade 9 Classes		1st Sem. Grade	2nd Sem. Grade	Credit	Grade 10 Classes		1st Sem. Grade	2nd Sem. Grade	Credit
1	Jesus and the Scriptures/Jesus and His Mission				1	Jesus and the Church/Sacraments			
2	English				2	English			
3	Mathematics				3	Biology			
4	Physical Science				4	Mathematics			
5	Global Studies				5	Recommended: Social Studies Elective(s)			
6	Recommended: Health/Business Elective/Physical Education/Fine Arts				6				
7					7				
8					8				
+	15 Service Hours				+	15 Service Hours			
Grade 11 Classes		1st Sem. Grade	2nd Sem. Grade	Credit	Grade 12 Classes		1st Sem. Grade	2nd Sem. Grade	Credit
1	Morality-Life in Christ/Social Justice-Living as a Disciple				1	Senior Theological Seminar/Theological Studies Elective			
2	U.S. History				2	English			
3	English				3	Government (If not taken as a junior)			
4					4				
5					5				
6					6				
7					7				
8					8				
+	15 Service Hours				+	15 Service Hours			

Use Pencil!

Please refer to the next page for a complete list of the St. Mary Central High School graduation requirements.

COURSE OFFERINGS INDEX

Business & Information Technology (pp 9–10)

Accounting Principles (Year Long)
Introduction to Business
Introduction to Marketing
Personal Finance
Software Applications I
Software Applications II
Sports and Entertainment Marketing

English (pp 11–13)

English 9 (Year Long)
Honors English 9 (Year Long)
Oral and Written Composition 10 (Year Long)
Honors Oral and Written Composition
(Year Long)
Forensics
American Literature (Year Long)
Honors American Literature (Year Long)
Contemporary Literature
World Literature
Greco-Roman Mythology
Creative Writing
CAPP English
AP Language and Composition (Year Long)
AP Literature and Composition (Year Long)
CAPP Speech

General Electives (pp 14-15)

Accuplacer
Journalism
Career Experience
CAPP Philosophy 109: Masterpieces of
Philosophy
CAPP Philosophy 105: Pathways to Ethics
Strategic Reading
Yearbook

Fine Arts – Visual Art (pp 16–17)

Fundamentals of Art
Art 2 – 2D
Art 3 – 2D
Art 4 – 2D
Art 2 – 3D
Art 3 – 3D
Art 4 – 3D
CAPP Understanding the Arts

Fine Arts – Music (pp 18)

Concert Band
Jazz History
Music Appreciation
Zephyr Chorale

Mathematics (pp 19–20)

Pre–Algebra A/B (Year Long)
Algebra I (Year Long)
Geometry (Year Long)
Accelerated Geometry (Year Long)
Algebra II (Year Long)
Trigonometry
Pre–Calculus
Calculus A
Calculus B
AP Calculus AB

Physical Education (pp 21–22)

Health
Physical Fitness 9/10
Life Sports I
Life Sports II
Weight Training

Science (pp 23–24)

(All Year Long courses)
Physical Science
Biology
CAPP Biology
Anatomy/Physiology
Chemistry
AP Chemistry
Earth Science (offered in 2013–14)
Environmental Science (offered in 2012–13)
Physics

Social Studies (pp 25–26)

Global Studies (Year Long)
Government
United States History (Year Long)
Ancient Civilizations
Economics
Modern European History
Psychology
AP Psychology
Introduction to Law
AP United States Government and Politics
World Geography
Chinese Culture: Past, Present, Future

Theological Studies (pp 27–28)

Jesus and the Scriptures
Jesus and His Mission
Jesus and the Church
Sacraments
Morality – Life in Christ
Social Justice – Living as a Disciple
Christian Discipleship
Ecumenical and Religious Issues

World Languages (pp 29–31)

(All Year Long courses)

French I
French II
French III
French IV/V
German I
German II
German III
German IV/V
Mandarin I
Mandarin II
Spanish I
Spanish II
Spanish III
Spanish IV
Spanish V