

ST. URSULA ACADEMY

Course Descriptions

2009 - 2010



The mission of St. Ursula Academy is to educate young women to develop their spiritual, intellectual, physical, and emotional well-being in light of the values found in the Gospel and reflected in the life of St. Angela Merici.

ACADEMIC REQUIREMENTS

To meet the prescribed requirements set forth by the North Central Association, the Ohio Catholic School Accrediting Association, the State of Ohio Department of Education and St. Ursula Academy, and also to help students select a proper sequence of courses, the following information, requirements and suggestions are listed:

COLLEGE PREP CORE

<i>Subject</i>	<i>Unit Requirements</i>	<i>Unit Breakdown</i>
Theology	4.0 units	1.0 unit each grade
English	4.5 units	1.0 core unit each grade
		0.5 unit Writing Well
Mathematics	4.0 units at SUA	1.0 unit each grade
Social Studies	3.0 units	1.0 unit American History
		1.0 unit American Government
		1.0 unit World History
Science	3.0 units	1.0 unit Biology
		1.0 unit Chemistry
		1.0 unit (Physics recommended)
Health	0.5 unit	
Physical Education	0.5 unit	
Contemporary Computer Skills	0.5 unit	
Fine Arts	1.0 unit	
Foreign Language	2.0 units (3-4 strongly recommended)	
Electives	To complete schedule	

**EXCEEDS STATE MINIMUM*

In addition to completing the specific courses above, students must meet the following requirements:

1. All students are required to pass all five sections of the Ohio Graduation Test.
2. Students must complete 60 hours of service to the community under the direction of the Campus Ministry Department. Twenty hours are due at the end of freshman, sophomore and junior years.
3. Students must successfully complete the Career Exploration Experience.
4. Any student expecting to graduate from St. Ursula Academy must attend high school a total of four years beyond eighth grade.
5. All students must apply to at least one two- or four-year post secondary institution.

OTHER INFORMATION

NOTE: ST. URSULA ACADEMY RESERVES THE RIGHT TO CANCEL A COURSE FOR INSUFFICIENT REGISTRATION.

HONORS/AP COURSES

Honors courses are available for students with exceptional ability and interest in learning. Honors courses require critical thinking, an attitude of intellectual curiosity, and a willingness to do thorough, high-quality work demonstrated by achievement. A CUMULATIVE GPA OF 3.75 IS REQUIRED. Any students who fails to maintain a least a C average in an honors course or consistently fails to complete the requirements of the course may be removed from the honors course at the discretion of the teacher and the Dean of Academics. Prerequisites and admissions criteria for each Honors/AP course are listed in the course description. The syllabi for AP courses have become more rigorous through recent revisions. In addition to the cumulative GPA requirements, students enrolled in AP courses must demonstrate an ability to work independently, to complete course work, including summer assignments, completely and within deadlines. Students enrolled in AP classes are expected to take AP exams in May 2010. Writing samples for AP classes will be administered on the following schedule:

THURSDAY, FEBRUARY 5, 2009 9:30 - 10:30 A.M.
AP Calculus - Calculus Readiness Test Mezzanine

TUESDAY, FEBRUARY 10, 2009 3:15 - 4:15 P.M.
AP U.S. History Room 131
AP U.S. Government & Politics Room 130

POST SECONDARY OPTIONS PROGRAM

This program is open to juniors and seniors who meet criteria established by participating colleges and universities. See your counselor for more information.

CLASS SESSIONS

Unless otherwise noted, classes receiving one credit meet every day for 18 weeks. Classes receiveing .5 credit meet every day for 9 weeks. Physical Education is the only exception (see page 17).

A minimum of ten students must register for any course listed with an asterisk in order for the course to become part of the master schedule.

SUMMER SCHOOL

No arrangements should be made to attend summer school without prior approval of the Guidance Counselor and the Dean of Academics.

Failures will be considered on an individual basis.

Any schedule changes for Semester 2 must be made before December 11, 2009. A \$10 fee is assessed for any schedule change made after July 24, 2009.

BUSINESS EDUCATION

GENERAL INFORMATION:

Contemporary Computer Skills is required of all students.

B20 CONTEMPORARY COMPUTER SKILLS

Grade Level: 9
Credits: .5

Integration of Office 2007 programs (Microsoft Word 2007, PowerPoint 2007, Microsoft Publisher 2007, and Excel 2007) along with Windows Movie Maker and Pinnacle. Keyboarding is in the touch-type method for computers. Personal and business letters, a simple manuscript, resumes, tables and templates are covered in word processing. A keyboarding speed of 40 words per minute is the goal. Students will be able to demonstrate graphic presentation skills.

B34 ACCOUNTING I

Grade Level: 10, 11, 12
Credits: 1
Prerequisites: C average or higher in math.

Basic principles, concepts and procedures of accounting for a partnership and proprietorship; introduces applications that use special types of business records. Culminates with business simulation project utilizing the accounting cycle.

B56 PERSONAL FINANCE

Grade Level: 11, 12
Credits: .5

Students will learn practical money management skills. This course will introduce financial planning, investing, credit, and identity theft. Students will develop and monitor a personal budget through the use of a stock market simulation. This course will provide students with the opportunity to apply the financial planning process through stimulating NEFE (National Endowment for Financial Education) exercises.

B38A BUSINESS AND PERSONAL LAW

Grade Level: 10, 11, 12
Credits: .5

Studies the court system, case histories, and interpretation of the Constitution; covers difference between civil and criminal law, and covers the effect of law on society and family, as well as on personal and real property. Good prerequisite for college-bound business majors.

B45 WEB PAGE DESIGN

Grade Level: 10, 11, 12
Credits: .5
Prerequisites: Contemporary Computer Skills

Students will learn the basics of creating and publishing a Web site. Web site structure, integration of Office 2007 applications, and hyperlink management of pages containing forms, tables, multimedia, sound clips, and other standard Web features will be concepts mastered. Students will become familiar with managing a complex Web site.

B30 INTRODUCTION TO MARKETING

Grade Level: 10, 11, 12
Credits: .5

The students will learn the foundations and functions needed to successfully market goods, services, and ideas to consumers. Professional development, customer service, and technology are presented. Business, economics, selling, human relations, communications, distribution, promotion, product planning, and pricing are also included.

ENGLISH & LANGUAGE ARTS

GENERAL INFORMATION:

- A total of 4.5 units of English credit is required for graduation.
- One unit of credit each year is required.
- Writing Well is required of all freshmen.
- With the exception of AP courses, electives do not fulfill the 4.5-unit requirement.

REQUIRED COURSES AND HONORS EQUIVALENTS

E11 ENGLISH I

Grade Level: 9

Credits: 1

English I students read and analyze short stories, poetry, nonfiction, drama, and novels. The writing process is taught, with emphasis on prewriting and organization skills. Students will also complete a research paper. Other areas of study include grammar, usage, speech, vocabulary, and MLA citation format. This course is required of freshmen with the exception of those placed in Honors English I.

E45 WRITING WELL

Grade Level: 9

Credits: .5

Requirement for all freshmen.

Writing Well emphasizes the elements of effective written communication including content, style, and grammar/mechanics. Students will practice all steps in the writing process: prewriting, drafting, revising, editing, and publishing. Model

essays, peer and teacher conferences, and self-evaluations are used to provide assistance and promote independence in writing a variety of essays. Reading and revising are stressed as key strategies for continued writing improvement.

E12 HONORS ENGLISH I

Grade Level: 9

Credits: 1

Prerequisites: Evidence of upper-level reading and writing ability as indicated by scores in 90th percentile or above on the language section of the placement test.

The course uses world literature to introduce the student to the advanced study of fiction, nonfiction, drama, and poetry as literary forms. It emphasizes written communication and methods of critical analysis of selected works of literature and other dimensions of the humanities.

E21 ENGLISH II

Grade Level: 10

Credits: 1

Prerequisites: English I (or honors)

Sophomore English consists of literature and composition. It focuses on the advanced study of literary genres: drama, poetry, fiction, and nonfiction. Emphasis is placed on the development of reading and composition skills with continued study of grammar, vocabulary, and correct usage. Students will complete a research paper.

E22 HONORS ENGLISH II

Grade Level: 10

Credits: 1

Prerequisites: Honors English I or English I and teacher recommendation.

An advanced study in literature and composition for students of superior ability, the course focuses on teaching the language of literary criticism and encouraging the critical analysis of short stories, novels, poetry, and drama. Students will read, write about, and discuss selected works, culminating in a literary paper completed during the second half of the semester.

ENGLISH & LANGUAGE ARTS *continued*

E52 AP ENGLISH LANGUAGE AND COMPOSITION*

Grade Level: 11, 12

Credits: 1

Prerequisites: English II or Honors English II and teacher recommendation.

AP English Language and Composition is intended to meet the requirements for the composition courses for all incoming college freshmen. As such, this one-semester course provides students with opportunities to write about a variety of subjects from various disciplines and to demonstrate an awareness of audience and purpose. The primary objective is to enable students to write effectively and confidently in their college courses and in their professional and personal lives. It will emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the development of writing facility in any context. Students will read primary and secondary sources carefully, synthesize material from these texts in their own compositions, and cite sources using conventions recommended by professional organizations. (Source: AP College Board)

This course may be taken instead of or in addition to American Literature, Honors American Literature, British Literature, or AP English Literature.

E31 AMERICAN LITERATURE

Grade Level: 11

Credits: 1

Prerequisites: English I and II (or honors)

The course surveys American literature from the Colonial period through the modern era. It includes the study of poetry, drama, fiction, and nonfiction as well as related composition with emphasis on literary analysis, expository writing, and research. Grammar and vocabulary building skills are developed through writing and reading.

E32 HONORS AMERICAN LITERATURE

Grade Level: 11

Credits: 1

Prerequisites: English II or Honors English II and teacher recommendation.

This course is an in-depth study of American literature from the Colonial period through the modern era. It emphasizes critical and analytical discussion of poetry, drama, fiction, and nonfiction as well as related composition. Extensive outside reading in American literature is stressed.

E41 BRITISH LITERATURE

Grade Level: 12

Credits: 1

Prerequisites: American Literature (or honors)

British Literature surveys English literature from *Beowulf* to the present and emphasizes the chronological development of literature and culture, as well as the development of the English language. It includes related composition with emphasis on literary analysis and expository writing, as well as research paper.

E42 AP ENGLISH LITERATURE AND COMPOSITION

Grade Level: 12

Credits: 1

Prerequisites: Acceptance of the department based on a skills assessment.

AP Literature is an in-depth study of English and Western literature and culture. It includes related composition with emphasis on literary analysis and expository writing. *This course follows the curriculum and requirements established by the College Board for Advanced Placement courses.*

ENGLISH & LANGUAGE ARTS *continued*

ELECTIVES:

E23 JOURNALISM

Grade Level: 10, 11, 12

Credits: .5

Prerequisites: B or above in English I, II, or III

Topics include ethics of journalism, writing, typography, research skills, elements of Associated Press style, and layout and design. Students do extensive writing and learn the basics of Adobe InDesign. The course also covers writing for broadcasting.

E25 NEWSPAPER

Grade Level: 10, 11, 12

Credits: .5 or 1

Prerequisites: Demonstrated competence in writing and completion of Journalism.

Planning and production of the school newspapers, *The Ursuline* and *The Little Arrow*. Students polish writing, research and interview skills, and become proficient in InDesign and Photoshop. A student may elect to take Newspaper more than once, with the opportunity to apply for the position of editor.

D11 READING

Grade Level: 9, 10

Credits: .5

Prerequisites: Recommendation of Dean of Academics.

The Reading course is designed to identify individual reading problems (with decoding, rate, vocabulary, recall, inference, etc.) and provide each student with specific techniques to improve her reading ability.

Because reading comprehension is a complex skill, both immediate and long-term strategies must be applied to achieve a reasonable level of competence. Students and parents will be provided with suggestions for the ongoing work needed to reach optimal skill development.

E34 SPEECH

Grade Level: 9, 10, 11, 12

Credits: .5

Note: Offered alternating years, will not be offered in 2010-2011.

Speech helps develop comfort with and confidence in public speaking. Students will prepare and deliver formal speeches: informative, persuasive, technological/visual, and special occasion. Periodic, informal impromptu speeches help students learn to think clearly and speak articulately on their feet in any situation. Regular warm-up exercises improve fluency, overcome stage fright, and help speakers use gesture, body movement, eye contact, and other strategies to enhance speech delivery.

E48 YEARBOOK

Grade Level: 10, 11, 12

Credits: 1

Prerequisites: Journalism or two art classes (one of which should be Graphic Design or Photography), application, English teacher recommendation, and interview.

Sophomores and juniors may apply in February. Planning and production of the *Scroll* start in the summer and continue through the spring supplement. Experience in photography, writing, keyboarding, and designing are helpful but not necessary. Students will learn basics of InDesign and Photoshop.

E63 MINORITY VOICES IN LITERATURE

Grade Level: 10, 11, 12

Credits: .5

Note: Offered alternating years, will not be offered in 2010-2011

This course surveys the contributions of minority writers to American literature. The course will draw connections between works by African American, Native American, Hispanic American, and Asian American writers. Themes discussed will include assimilation, history, questions of identity, stereotypes, and dealing with racism.

ENGLISH & LANGUAGE ARTS *continued*

E72 HISTORY OF FILM

Grade Level: 10, 11, 12

Credits: .5

Note: Offered alternating years, next offered in 2010-2011

The focus of this course is the history and study of film as an art form. It emphasizes the critical analysis of movies from the silent film era to modern day. Various genres will be studied. Some reading and writing will also be involved.

E64 FROM STEM CELLS TO STARS: CONTEMPORARY SCIENCE ISSUES IN LITERATURE

Grade Level: 10, 11, 12

Credits: .5

Note: Offered alternating years, will not be offered in 2010-2011

Students will become aware of the relationship between science and literature by reading fiction and nonfiction works with science as a theme and/or subject matter. The students will experience a “sense of wonder and awe that comes with addressing big questions—even ultimate questions—about the nature of humankind and the universe our species inhabits” (Westcott and Spell 70). The Catholic faith’s response to many of these questions will be taught as well. Stem Cells to Stars may be taken for elective credit in science or in English. Students completing some additional requirements will be able to earn credit (upon graduation) at the University of Toledo.

E65 EXPLORING CULTURES THROUGH LITERATURE: MYTHS, LEGENDS, and FAIRYTALES

Grades: 10, 11, 12

Credits: .5

Note: Offered alternating years, next offered in 2010-2011

This course will examine the literary and cultural elements in well-known and obscure myths, legends, and fairytales. Students will read widely and investigate similarities of theme, character, and symbol across cultural and temporal barriers. Activities will include a variety of readings, discussion and the use of film clips when appropriate. Other activities may include writing one or two brief analytical papers and writing myths, legends, or fairytales.

I20 WOMEN’S STUDIES

Grade Level: 11, 12

Credits: 1

This course is designed to expose students to perspectives on issues of gender and culture. These issues include but are not limited to defining feminism, discussing women’s roles in the workplace, family, politics, and the world. This course explores these issues through the examination of history, literature, contemporary social science research, film, popular culture, and the Internet. Through group discussion, action research projects, and critical thinking exercises, the course promotes an interdisciplinary, cross-cultural

introduction to women’s studies. Women’s Studies can be taken for elective credit in English or in Social Studies.

FINE ARTS - MUSIC

GENERAL INFORMATION:

One unit of credit in Fine Arts is required for graduation. This can be Musical, Visual or Performing Arts.

Performance groups include: Orchestra, Concert Choir, Show Choir, Chorale, Stage Band, String Ensemble, Woodwind Ensemble, and Recorder Ensemble. Private sessions offered in: violin, viola, cello, bass, sax, oboe, clarinet, French horn, trumpet, trombone, tuba, recorder and percussion.

****ALL CONCERT CHOIR AND HONORS VOCAL STUDENTS ARE REQUIRED TO PURCHASE A BLACK DRESS SELECTED BY THE MUSIC DEPARTMENT. INFORMATION WILL BE AVAILABLE BEFORE THE END OF THE CURRENT SCHOOL YEAR.**

VOCAL MUSIC

U12 CHORALE

Grade Level: 9, 10, 11, 12
Credits: 1

Open to all students who have the desire to perform in a singing group. No prior experience is necessary; however, the ability to carry a musical tune is helpful. Attendance is REQUIRED at all performances and outside rehearsals. Music of a lighter, simpler style from that of the Concert Choir will be studied. Basics of reading, producing vocal music and performing the same are covered.

U21 CONCERT CHOIR

Grade Level: 10, 11, 12
Credits: 1

Prerequisites: Chorale, audition and/or approval of Concert Choir teacher.

A concert group whose emphasis will be on quality public performance. Will explore all styles of choral music with concentration on serious music. Members are selected by audition and are required to have musical skills which will enhance the group. Attendance is REQUIRED at all school performances and outside performances.

U35 HONORS VOCAL MUSIC

Grade Level: 10, 11, 12
Credits: 1

Prerequisites: One year of Concert Choir.

This course requires the performance of advanced music literature by solo voice. An in-depth study of music history from the Renaissance period to the Contemporary period will be explored. Advanced theory, sight singing, and ear training will be stressed during the course.

INSTRUMENTAL MUSIC

U11 ORCHESTRA

Grade Level: 9, 10, 11, 12
Credit: 1

Prerequisites: The ability to play the desired instrument; knowledge of several major scales and chromatic scale; ability to play simple pieces of music.

An instrumental organization open to all students who play an orchestral instrument. Students are encouraged but not required to continue lessons on the instrument played. The group will perform at various functions at the discretion of the director. Participants will have

the opportunity to read various styles of musical works. Attendance is REQUIRED at all performances and any extra rehearsals which may be called. *Students desiring to be part of an ensemble group can arrange participation in ensemble through the orchestra.*

U16 HONORS INSTRUMENTAL MUSIC

Grade Level: 10, 11, 12
Credits: 1

Prerequisites: One year of Orchestra.

This course requires the performance of advanced music literature by instruments. An in-depth study of music history from the Renaissance period to the Contemporary period will be explored. Advanced theory will be stressed during the course.

U41 AP MUSIC THEORY

Grade Level: 10, 11, 12
Credits: 1

Prerequisites: Teacher Recommendation based on prior musical experience.

The Advanced Placement (AP) Music Theory course enables highly motivated students to do college-level work in the areas of reading and analyzing notated music and aural training. Particular emphasis will be placed upon developing listening skills, sight singing ability and knowledge of rhythm, melody, harmony, form and other compositional devices. The successful student will be endowed with the skills necessary to function intelligently in any musical situation. The work of the course will emphasize preparation for the advanced placement music theory examination.

FINE ARTS - PERFORMING ARTS

GENERAL INFORMATION:

One unit of credit in Fine Arts is required for graduation. This can be Musical, Visual or Performing Arts.

Once a student has completed Dance I she has the option of focusing on Jazz or Ballet. Students with more experience can choose to begin with Jazz/Ballet I or II at the discretion of the teacher. All dance students are required to purchase a T-shirt from the bookstore.

F40 DANCE I

Grade Level: 10, 11, 12
Credits: .5

This is an introductory dance course designed to expose students to dance as a form of expression as well as a suitable lifetime activity. A variety of dance types will be included: jazz, modern, ballet, etc. This course is intended for beginning dancers.

F51 BALLET I

Grade Level: 10, 11, 12
Credits: .5

Prerequisites: B or better in Dance I or recommendation of the dance teacher.

Ballet I is an extension of Dance I. Ballet I is designed to educate beginning/intermediate dancers in the art of ballet with advancement of skill and technique. This course is focused on ballet technique, history, choreography and performance studies.

F52 BALLET II

Grade Level: 10, 11, 12
Credits: .5
Prerequisites: Ballet I or dance teacher recommendation.

Ballet II is intended to expand the experienced dancer's strength, flexibility, balance, and endurance with a special focus on musical awareness, technique, choreography and performance in ballet. Students will also learn more about conditioning for ballet dancers as well as dance as a profession.

F61 JAZZ I

Grade Level: 10, 11, 12
Credits: .5
Prerequisites: B or better in Dance I or recommendation of the dance teacher.

An extension of Dance I designed to continue to educate beginning/intermediate dancers in the art of jazz dance with advancement of skill and technique. This course is focused on jazz technique, history, choreography and performance studies.

F62 JAZZ II

Grade Level: 10, 11, 12
Credits: .5
Prerequisites: Jazz II or dance teacher recommendation

Jazz II is intended to expand the experienced dancer's strength, flexibility, balance, and endurance with a special focus on musical awareness, technique, choreography, and performance in jazz. Students will also learn more about conditioning for jazz dancers as well as dance as a profession.

F42 ACCELERATED JAZZ AND CHOREOGRAPHY

Grade Level: 10, 11, 12
Credits: .5
Prerequisites: Audition or recommendation of the dance teacher.

This course is designed to continue the education of an advanced dancer through jazz technique and choreography. It will expand the student's strength, flexibility, dynamics, musicality and performance on a professional level. Students will also develop an increased knowledge of dance design and choreographic skill.

FINE ARTS - PERFORMING ART *continued*

F35 DRAMA

Grade Level: 10, 11, 12

Credits: .5

Drama, like speech, helps students develop effective vocalization skills and overcome fear of being “in the spotlight.” In addition, drama students practice creative expression, learn to give/receive constructive feedback, and further their understanding of literary interpretation. Improvisational activities, pantomimes, monologues, skits, and plays are used to explore the elements of stagecraft such as blocking, characterization, costuming, lighting, and sound.

F36 DRAMA II

Grade Level: 10, 11, 12

Credits: .5

Prerequisites: Drama I or sufficient prior experience. Audition may be required.

Note: Offered alternating years, next offered in 2010-2011

Students will have the opportunity to extend their competence in various aspects of theatre, from acting to script analysis to writing and directing. Course emphasis will vary depending upon the interests of the participants.

FINE ARTS - VISUAL ARTS

GENERAL INFORMATION:

Art history is infused throughout the program. One unit of credit in Fine Arts is required for graduation. This can be Musical, Visual or Performing Arts.

The following courses are suggested for the serious art student: Art I, Drawing, Painting, Ceramics, 2 and 3 Dimensional Design, Sculpture, and AP Studio Art.

A11 ART I

Grade Level: 9, 10, 11, 12
Credits: 1

This course is designed to introduce students to the elements and principles of art through art vocabulary and techniques. Students will create works of art in a variety of two and three-dimensional mediums. Students will learn important and relevant points regarding the history of art, from Prehistoric Art through Early Renaissance.

A25 DRAWING

Grade Level: 10, 11, 12
Credits: 1

Prerequisites: Art I and department recommendation.

Students will refine their drawing skills using a variety of mediums. They will concentrate on several subjects such as perspective, figure drawing, still life and *en plein air* as a focus for understanding how to draw what they truly see. Students will also understand how a two-dimensional shape is transformed into a three-dimensional concept. Throughout this course students will explore the history of drawing and the styles of various artists.

A33B PEN AND INK DESIGN

Grade Level 10, 11, 12

Prerequisites: Art I and department recommendation.

Note: Offered alternating years, next offered in 2010-2011

Students will learn the art of lettering through pen and nib techniques as well as free-hand. They will be exposed to several alphabet styles and create works of art which reflect the character of the lettering styles. In addition, they will generate designs that include proper lettering, layout, and illustration techniques. The history of lettering styles will be explored throughout the term.

A28 2 AND 3

DIMENSIONAL DESIGN

Grade Level: 11, 12
Credits: 1

Prerequisites: Art I and department recommendation.

By expanding on the key points of the elements and principles of design, students will create works of art that focus on the concepts of graphic art. They will learn how to plan two-dimensional concepts and build them into three-dimensional forms, as well as understand how to work in a graphic arts/client situation and create works of art based on a client's needs.

A30 PAINTING

Grade Level: 11, 12
Credits: 1

Prerequisites: B average or better in Art I, Drawing and department recommendation.

Students will become acquainted with and use a variety of painting styles and techniques in this course. They will be introduced to the different tools associated with painting and how they may be used for various painting techniques. Throughout the course students explore the history of painting and the styles of various artists.

FINE ARTS - VISUAL ARTS *continued*

A32 CERAMICS

Grade Level: 11, 12

Credits: 1

Prerequisites: Art I and department recommendation.

Students will use the hand building techniques of pinch, coil, slab and mold using terra cotta and white clay, creating pieces on the wheel. Students will learn and apply different decorative techniques in clay. They will utilize the elements and principles of design and problem solving when creating pieces. A variety of glazing techniques and art critiques is incorporated.

A40 AP STUDIO ART - DRAWING*

Grade Level: 11, 12

Credits: 1

Prerequisites: Art I, Drawing (at least a B average in each), teacher recommendation.

Students who take this course will create a portfolio that illustrates a broad spectrum of drawing issues and media. Drawing issues may be created using a variety of means which could include painting, printmaking, mixed media, etc. Students will demonstrate their competence in drawing by creating abstract, observational and inventive works of art. This course will emphasize the important issues of artistic integrity, ethics and plagiarism when creating works of art. Students will learn proper ways to take photos of their work and prepare slides or digital information to submit with their portfolio.

This course will be extremely beneficial to students who are interested in majoring in visual art. Portfolio preparation is an essential asset for students who desire to seek scholarship opportunities as well as serious consideration for acceptance into a visual arts program at various universities

A59 SCULPTURE

Grade Level: 11, 12

Credits: 1

Prerequisites: Art I and department recommendation. Alternate with Pen and Ink.

Note: Offered alternating years, will not be offered in 2010-2011

Students will explore three-dimensional art work through the use of form and positive/negative space. They will incorporate the elements of art and principles of design in 3D through additive and subtractive means, with a variety of media. Throughout the course, students will study the styles of various artists who have impacted this area of art.

A60 GRAPHIC ARTS

Grade Level: 12

Credits: 1

Prerequisites: Art I and department recommendation.

In this course, students will study the field of computer art and illustration using the latest Adobe software. Students will explore topics in printing and scanning, such as color management and high resolution print media; will develop page layouts that combine text and graphics; develop digital photography skills; and techniques in *Illustrator* and *Photoshop*.

A65 PHOTOGRAPHY

Grade Level: 10, 11, 12

Credits: .5

Prerequisites: Art I

An introductory course to photography, both film and digital. Also a non-traditional class, students will meet during PM Seminar and one day after school for 90 minutes. Students will have hands on learning experience through assignments, field trips, and class exhibit. Topics covered include history, composition, lighting, motion, depth of field, camera function, presentation, digital manipulation, and special techniques.

A62 COMPUTER AIDED DESIGN

Grade level: 12

Credits: .5

Prerequisites: Art I and department recommendation. (This course is taught at 8:20 a.m. at St. Francis deSales High School. Enrollment is limited.)

This course is designed to take a hands-on, exercise-intensive approach to introducing CAD techniques and concepts. Students will gain practical knowledge in the use of CAD that is essential in producing architectural drawings. The course covers drawing set-up, computation for scale factors, geometric construction of parts, sectional views, basic architectural room layouts, and civil plot plans.

FOREIGN LANGUAGE

GENERAL INFORMATION:

Three or four years of a foreign language are recommended for students who intend to pursue a formal college education. Students recommended by teachers should take the third and fourth years.

L11 SPANISH I

Grade Level: 9, 10, 11, 12

Credits: 1

Grade 9 recommendation: Above average Composite score on placement test.

Introduction to basic skills in pronunciation, listening, speaking, reading, and writing Spanish. Glances into the culture of the Spanish-speaking world.

L21 SPANISH II

Grade Level: 9, 10, 11, 12

Credits: 1

Prerequisites: Spanish I; for incoming freshmen, a test is given.

Review of and further development of basic skills in pronunciation, grammar, listening comprehension, speaking, reading and writing Spanish. Continuation of the study of the culture.

L31 SPANISH III

Grade Level: 10, 11, 12

Credits: 1

Prerequisites: Average of 80% or above in Spanish I, II and recommendation of Spanish II teacher.

Emphasis on speaking, reading, and writing skills through selections of contemporary fiction and non-fiction. Continuation of culture study and drill in listening comprehension and grammar. History, culture, and literature of the Spanish-speaking world will be emphasized.

L41 HONORS SPANISH IV

Grade Level: 11, 12

Credits: 1

Prerequisites: Average of 80% or above in Spanish III and recommendation of Spanish III teacher.

Emphasis on speaking, reading, and writing skills through selections of more advanced fiction and non-fiction. Complete review of Spanish grammar. Further study of history, culture and literature of the Spanish-speaking world. Conversational skills emphasized.

L51 AP SPANISH*

Grade Level: 11, 12

Credits: 1

Prerequisites: 80% or above in Honors Spanish IV and recommendation of Spanish IV teacher.

The AP Spanish Language course is intended for students who wish to develop proficiency and integrate their Spanish language skills using authentic materials and sources. The course will prepare students to demonstrate their level of Spanish proficiency in interpersonal, interpretive, and presentational

communication, equivalent to that of a third-year college or university course. Knowledge of Spanish-speaking cultures will be infused in the course with a focus on speaking and writing at an advanced level. AP Spanish is offered as a fifth level foreign language.

L12 FRENCH I

Grade Level: 9, 10, 11, 12

Credits: 1

Grade 9 recommendation: Above average Composite score on placement test.

Introduction and development of basic skills in pronunciation, listening, comprehension, speaking, reading and writing French. Glances into French culture.

L22 FRENCH II

Grade Level: 9, 10, 11, 12

Credits: 1

Prerequisites: French I; for incoming freshmen, a test is given.

Review of and further development of basic skills in pronunciation, grammar, listening comprehension, speaking, reading and writing French. Continuation of the study of culture.

FOREIGN LANGUAGE *continued*

L32 FRENCH III

Grade Level: 10, 11, 12

Credits: 1

Prerequisites: Average of 80% or above in French I, II, and recommendation of French II teacher.

This course is a continuation of basic skills in listening, speaking, and grammar. More emphasis is given to reading on this level, beginning with short stories and culminating with reading a novel. Writing is also emphasized with frequent paragraphs and compositions assigned.

L42 HONORS FRENCH IV

Grade Level: 11, 12

Credits: 1

Prerequisites: Average of 80% or above in French I, II, III, and recommendation of French III teacher.

Emphasis on speaking, reading, and writing through contemporary and historical selections. An overview of French history using literature from each of the various time periods. Continuation of grammar review and listening comprehension. Conversational skills emphasized.

L52 AP FRENCH

Grade Level: 11, 12

Credits: 1

Prerequisites: 80% or above in Honors French IV and recommendation of French IV teacher.

Students who enroll in AP French Language should have a good command of French grammar and vocabulary and have competence in listening, reading, speaking, and

writing. The course emphasizes the use of language for active communication and helps students develop the following: The ability to understand spoken French in various contexts; a French vocabulary sufficiently ample for reading newspaper and magazine articles, as well as literary texts, without dependence on a dictionary; the ability to express themselves coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. Extensive training in the organization and writing of compositions is also emphasized.

L43 HONORS GERMAN IV

Grade Level: 11, 12

Credits: 1

Prerequisites: Average of 80% or above in German I, II, III, and recommendation of German III teacher.

Further emphasis on speaking, reading and writing through more advanced readings in German literature. Continuation of culture study and drill in grammar and listening comprehension.

L14 LATIN I

Grade Level: 9, 10, 11, 12

Credits: 1

Grade 9 recommendation: Above average Composite score on placement test.

Development of skills in reading and comprehension of elementary material in Latin. Presentation of basic grammatical principles, word study, and derivatives. Roman civilization and selections in mythology studied.

L24 LATIN II

Grade Level: 10, 11, 12

Credits: 1

Prerequisites: Latin I

Grammar study extended to embrace use of all constructions. Knowledge of and understanding of selections in Latin prose and poetry, e.g. stories of Hercules, Ulysses, selections from Julius Caesar, and a survey of Latin literature to the present.

L34B AP LATIN III

Grade Level: 11, 12

Credits: 1

Prerequisites: Latin I, average of 80% in Latin II, and teacher recommendation.

This level of Latin concentrates on reading and understanding original Latin works by authors of both prose and poetry. Classical authors are Cicero, Sallust, Pliny, Ovid; post classical authors include the Venerable Bede, William Fitzstephen and Roger Bacon.

FOREIGN LANGUAGE *continued*

L44 AP LATIN IV

Grade Level: 11, 12

Credits: 1

Prerequisite: Recommendation of Latin III teacher.

Vocabulary for reading is enlarged to facilitate reading of Virgil's *Aeneid*. The social, political and economic structures of Rome are discussed. Mythology is included as is Virgil's contribution to the present. This course follows the curriculum and requirements established by the College Board for Advanced Placement courses.

L15 MANDARIN CHINESE I

Grade Level: 9, 10, 11, 12

Credits: 1

Grade 9 recommendation: Above average Composite on placement test.

Introduction and development of basic skills in pronunciation, listening, speaking and comprehending Chinese. Glances into Chinese culture.

L25 MANDARIN CHINESE II

Grade Level: 9, 10, 11, 12

Credits: 1

Prerequisite: Mandarin Chinese I

Review of and further development of basic skills in pronunciation, listening, comprehension, and speaking Chinese. A more intense study of Chinese culture.

L35 MANDARIN CHINESE III*

Grade Level: 10, 11, 12

Credits: 1

Prerequisite: Mandarin Chinese II

Beside continuing speaking and listening comprehension, this course offers students more opportunities to improve their reading ability, to enlarge their vocabulary, and develop their writing skill. Chinese III will gradually switch the focus from colloquial conversation to text reading. Students should also be able to write simple letters and diaries.

The Chinese culture concerning values, attitudes, ethics and other ways the Chinese act in their daily life will be studied.

HEALTH

GENERAL INFORMATION:

One-half credit of Health is required for graduation; must be taken during the Sophomore year. Other electives do not fulfill the .5 credit requirement.

control, injury prevention, stress management, and lifetime sports and activities. Students participate in exercise programs designed to improve physical fitness for a lifetime. Course includes occasional field trips in order to use additional fitness equipment. Students must purchase required attire through the bookstore.

T11 HEALTH

Grade Level: 10

Credits: .5

Required course for sophomores to expand their knowledge of personal and community health in an effort to encourage positive life-style choices.

T43B WOMEN'S HEALTH

Grade Level: 11, 12

Credits: 1

Prerequisites: Biology

Elective course providing a comprehensive study of women's health issues. Topics include: dating violence and rape prevention, benign and malignant diseases of the breast, gynecological concerns and menstrual irregularities, pregnancy, sexually transmitted disease, current drugs of abuse, nutrition, and eating disorders.

T50 HEALTH: NUTRITION AND EXERCISE

Grade Level: 11, 12

Credits: 1

Prerequisites: Health

Elective course including nutrition, strength training, cardiovascular fitness, flexibility, weight

INTERDISCIPLINARY

I20 WOMEN'S STUDIES

Grade Level: 11, 12

Credits: 1

This course is designed to expose students to perspectives on issues of gender and culture. These issues include but are not limited to defining feminism, discussing women's roles in the workplace, family, politics, and the world. This course explores these issues through the examination of history, literature, contemporary social science research, film, popular culture, and the Internet. Through group discussion, action research projects, and critical thinking exercises, the course promotes an interdisciplinary, cross-cultural introduction to women's studies. This interdisciplinary course may be taken for elective credit in English or Social Studies.

E64 FROM STEM CELLS TO STARS: CONTEMPORARY SCIENCE ISSUES IN LITERATURE

Grade Level: 10, 11, 12

Credits: .5

Note: Offered alternating years, will not be offered in 2010-2011.

Students will become aware of the relationship between science and literature by reading fiction and nonfiction works with science as a theme and/or subject matter. The students will experience a "sense of wonder and awe that comes with addressing big questions -- about the nature of humankind and the universe our species inhabits" (*Westcott and Spell 70*). The Catholic faith's response to many of these questions will be taught as well. Science and Literature may be taken for elective credit in science or in English. Students completing some additional requirements will be able to earn credit (upon graduation) at The University of Toledo.

I30 INTRODUCTION TO ENGINEERING

Grade Level: 12

Credits: 1

Prerequisites: Honors Physics, concurrent enrollment in AP Calculus and applications (**PSEOP and course**). (This course is taught at 7:30 a.m. Monday, Wednesday and Friday at St. Francis deSales and the University of Toledo).

The course is designed to give students the ability to understand and solve open-ended engineering problems. Students will develop hands-on and computer skills suitable for engineering applications. Introduction to the design process will include team-based experiences in several laboratories and a semester-long design/build project. The breadth of engineering disciplines and careers will be presented through discussions and guest speakers. Engineering ethics will be introduced.

Post secondary credit will be granted by the University of Toledo (3 semester credit hours). This course has been designed to exceed the Ohio Transfer Assurance guides for OES 001-*Introduction to Engineering* to be accepted by any public engineering college in Ohio, subject to Ohio Board Board of Regents approval.

Introduction to Engineering may be taken for elective credit in Mathematics or Science.

LIFE SKILLS

H31 LIFE SKILLS: FOODS

Grade Level: 10, 11, 12

Credits: .5

In-depth study of foods in relationship to a well balanced, healthy diet. The class focuses on all the food groups with recipe preparations from each. Units include table setting, table manners and etiquette, food buying and storing, as well as menu planning. Class projects include either a regional or international menu preparation as well as recipe selections from all food group exchanges.

H32 LIFE SKILLS: FASHIONS

Grade Level: 10, 11, 12

Credits: .5

This course is individualized for the various levels of sewing ability from non-sewer to the more experienced. Basic sewing lessons include: how to choose a pattern and fabric for a garment, use of the sewing machine, introduction to textiles, and fashion awareness. At least two articles of clothing are completed in class.

H41 LIFE SKILLS: SINGLE SURVIVAL

Grade Level: 11, 12

Credits: .5

This course can be a useful tool in helping students prepare for and manage successful living. Topics may include: knowing yourself and relating to others, developing your shopping skills while preparing a consumer report/project, basic sewing skills, basic laundry and clothing care, buying and preparing nutritious meals, insurance needs for the single woman, apartment/housing and rental leases, basic car maintenance needs, checking account/credit card and banking basics, job interview skills, and cover letter and resume preparation.

MATHEMATICS

GENERAL INFORMATION:

Students are required to take one math course per year. We also require all students to have their own graphing calculator, TI84 or TI84 Plus, as it will be used in all courses.

M12 ALGEBRA I

Grade Level: 9
Credits: 1

Basic algebraic concepts involving expressions, equations, polynomials, exponents, linear graphs and solutions of linear systems are presented. Problem solving is stressed throughout.

M13 HONORS ALGEBRA I

Grade Level: 9
Credits: 1
Prerequisites: Placement test score in 90th percentile or higher.

This is an accelerated course for high ability math students, covering in greater depth and stressing theory for all of the topics listed under Algebra I.

M22 GEOMETRY

Grade Level: 9, 10
Credits: 1
Prerequisites: Algebra I; for incoming freshmen, a test is given.

This course presents concepts involving plane and solid figures, emphasizing both problem solving and computational applications. Proofs are presented.

M23 HONORS GEOMETRY M33 HONORS ALGEBRA II & TRIGONOMETRY

Grade Level: 9, 10
Credits: 1
Prerequisites: Honors Algebra I or Algebra I and department recommendation. For incoming freshmen, a test is given.

Grade Level: 10, 11
Credits: 1
Prerequisites: Honors Algebra I or Algebra I, Honors Geometry or Geometry, and department recommendation.

Honors Geometry covers the topics of traditional Euclidean geometry with emphasis on proof. In problem solving, general solutions are stressed with a higher level of abstraction than in regular geometry. This course includes an in-depth study of the relationships of geometric properties and extended study of trigonometry and coordinate geometry.

This accelerated course covers trigonometric functions as well as rational, exponential and logarithmic functions, in addition to the concepts of Algebra II. Emphasis is on finding general solutions to problems of an abstract nature. Intensive work in analytic geometry is included to prepare students for PreCalculus and Calculus.

M31A INTERMEDIATE ALGEBRA

Grade Level: 11
Credits: 1
Prerequisites: Algebra I, Geometry and department recommendation.

This course is designed to strengthen math skills. Various methods (numerical, graphic, and algebraic) are used to develop skill in analyzing and solving problems. This course is taken prior to Algebra II.

M43 PRECALCULUS

Grade Level: 11, 12
Credits: 1
Prerequisites: Algebra II and department recommendation.

This course strengthens algebraic concepts, examines right triangle trigonometry and trigonometric functions. It also emphasizes exponential and logarithmic functions, sequences, conics, probability and problem solving.

M32 ALGEBRA II

Grade Level: 10, 11, 12
Credits: 1
Prerequisites: Algebra I, Geometry and department recommendation.

This course is an extension of Algebra I with an introduction to complex numbers, quadratic equations, conic sections, and matrices.

M42 HONORS PRECALCULUS

Grade Level: 11, 12
Credits: 1
Prerequisites: Honors Algebra II/Trigonometry or Algebra II and department recommendation.

MATHEMATICS *continued*

This course strengthens algebraic concepts, introduces trigonometric, polar and parametric functions, vectors, mathematical induction, sequences and series, maxima and minima. Emphasis is placed on problem solving through the use of technology.

M58 COLLEGE ALGEBRA

Grade Level: 11, 12

Credits: 1

Prerequisites: Algebra II and department recommendation

This course is an introductory college-tupe mathematics class. It reviews concepts presented in Algebra II and strengthens algebra skills, including rational, exponential, and logarithmic functions. New topics include an introduction to trigonometry, conics, sequences, and probability. Students who take this course are not eligible to take Pre-Calculus later, but could take Statistics and Probability.

M59 STATISTICS AND PROBABILITY

Grade Level: 11, 12

Credits: 1

Prerequisites: Algebra II and department recommendation

This course is an introductory course emphasizing work with data and statistical ideas. The areas covered include data analysis with graphical and numerical examination of distributions and relationships, producing data using random sampling and randomized comparative experiments, and

sampling distributions and probability. There is also a study of statistical inference starting with an introduction to confidence levels, significance tests, and errors. Technology is integrated throughout the course.

M60 AP STATISTICS

Grade Level: 11, 12

Credits: 1

Prerequisites: Honors PreCalculus or PreCalculus and department recommendation.

This course is offered as an alternative to AP Calculus or in addition to it. It introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to: exploring data, planning a study, anticipating patterns, and statistical inference. *This course follows the curriculum and requirements established by the College Board for Advanced Placement courses.*

M46 AP CALCULUS

Grade Level: 11, 12

Credits: 1

Prerequisites: Honors PreCalculus, or score of Level 1 or 2 on Calculus Readiness Test and department recommendation. Honors Physics is highly recommended.

An introductory calculus course covering limits, derivatives, indefinite and definite integrals for functions of one variable. Graphical, numerical, algebraic, and verbal approaches to problems are used throughout the course with an emphasis on utilizing technology. *This course follows the*

curriculum and requirements established by the College Board for Advanced Placement courses.

I30 INTRODUCTION TO ENGINEERING

Grade Level: 12

Credits: 1

Prerequisite: Honors Physics, concurrent enrollment in AP Calculus and applications (PSEOP and course). (This course is taught at 7:30 a.m. Monday, Wednesday and Friday at St. Francis deSales and the University of Toledo.)

The course is designed to give students the ability to understand and solve open-ended engineering problems. Students will develop hands-on and computer skills suitable for engineering applications. Introduction to the design process will include team-based experiences in several laboratories and a semester-long design/build project. The breadth of engineering disciplines and careers will be presented through discussions and guest speakers. Engineering ethics will be introduced.

Post secondary credit will be granted by the University of Toledo (3 semester credit hours). This course has been designed to exceed the Ohio Transfer Assurance guides for OES 001-*Introduction to Engineering* to be accepted by any public engineering college in Ohio, subject to Ohio Board of Regents approval.

Introduction To Engineering may be taken for elective credit in Mathematics or Science.

PHYSICAL EDUCATION

GENERAL INFORMATION:

Physical education is required of all freshmen. It is an 18-week course.

P41 PHYSICAL EDUCATION

Grade Level: 9

Credits: .5

Required course stressing the development and refinement of motor skills with an emphasis on lifetime activities and wellness. Fitness is included in daily stretching and aerobic exercise. Specific units include: volleyball, self-defense, basketball, tennis, soccer, golf, archery, badminton, football, and weight training.

SCIENCE

GENERAL INFORMATION:

Three units in Science are required for graduation. Biology and Chemistry are required, Physics is recommended.

S21 BIOLOGY AND LAB

Grade Level: 9
Credits: 1

Biology is a lab course in which the student examines the structural and chemical basis of organisms. The course includes the study of cells, ecology, and genetics, with an emphasis on the scientific method. The classification of organisms allows the student to conduct comparative analyses beginning with protozoan and continuing through mammal.

S12 HONORS BIOLOGY AND LAB

Grade Level: 9
Credits: 1

Prerequisites: 90th percentile or above on high school placement test, recommendation of counselor or academic dean.

In-depth study of life forms beginning at the biochemical/cellular level and continuing in order of complexity to the level of mammal. An emphasis is placed on interaction between life forms and relationships with the environment, and on laboratory exercises and group work. The pace of this course demands highly self-motivated students willing to spend extra time preparing for daily lessons.

S31 CHEMISTRY

Grade Level: 10
Credits: 1
Prerequisites: Algebra I or Honors Algebra I

Experimental science which deals with matter and energy and the characteristic properties of each. Basic concepts are introduced and developed throughout the course. An emphasis is placed on the practical and everyday applications of chemistry as well as on the theoretical principles and mathematical relationships.

S34 HONORS CHEMISTRY AND LAB

Grade Level: 10
Credits: 1
Prerequisites: A in Algebra I or A/B in Honors Algebra I

In-depth study of topics covered in Chemistry, including bonding, types of reactions, stoichiometry, solutions, and acid-bases. Laboratory work is used to illustrate and emphasize chemical concepts.

S50 GEOSCIENCE

Grade Level: 11, 12
Credits: 1
Prerequisites: Biology and Chemistry

This upper level course is an introduction to physical geology, oceanography, astronomy, meteorology, and the environment. Laboratory investigations, group projects, and internet exploration

extend class work to help address some of the pressing issues about the earth and its systems in the twenty-first century.

S40 PHYSICS AND LAB

Grade Level: 11, 12
Credits: 1
Prerequisites: Completion of Algebra II

A laboratory study of the relationship between matter and energy including motion, sound, light, and electricity. This course is problem based, but uses laboratory work to illustrate concepts and to encourage a hands-on approach. This course uses a less mathematical approach than Honors Physics.

S41 HONORS PHYSICS AND LAB

Grade Level: 11, 12
Credits: 1
Prerequisites: Honors Algebra II, Honors Pre-Calculus, a 90% or above average in Algebra II/Trig. Pre-Calculus, or department recommendation.

A laboratory and mathematical study of the relationships between matter and energy. Some of the areas stressed are motion, sound, light and electricity. This course uses laboratory work to illustrate concepts and encourages a hands-on approach to gain understanding of physics principles.

SCIENCE *continued*

S32 PHYSIOLOGY

Grade Level: 11, 12

Credits: 1

Prerequisites: Biology

Basic explanation of the parts of the human body and how they function. Normal structure and function are emphasized.

S42 HONORS ANATOMY & PHYSIOLOGY

Grade Level: 11, 12

Credits: 1

Prerequisites: Average of A in Biology or 90% or above in Honors Biology.

Anatomy and physiology are closely linked extensions of biological science which, in this course, are applied to a detailed study of the human body. Supplementary work uses dissection of a fetal pig. Some discussion of abnormal functioning of the body is also included. This course may not be taken by students previously enrolled in Physiology.

S36 AP CHEMISTRY

Grade Level: 11, 12

Credits: 1.5

Prerequisites: A in Chemistry or A/B in Honors Chemistry, A/B in Honors Algebra II.

AP Chemistry follows the curriculum and requirements established by the College Board for Advanced Placement courses. Students will be expected to maintain a level of achievement equivalent to a first year college chemistry course. Topics include the

structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics. This class will meet for 27 weeks (three terms).

E64 FROM STEM CELLS TO STARS: CONTEMPORARY SCIENCE ISSUES IN LITERATURE

Grade Level: 11, 12

Credits: .5

Note: Offered alternating years, will not be offered in 2010-2011

Students will become aware of the relationship between science and literature by reading fiction and nonfiction works with science as a theme and/or subject matter. The students will experience a "sense of wonder and awe that comes with addressing big questions - even ultimate questions - about the nature of humankind and the universe our species inhabits" (Wescott and Spell 70). The Catholic faith's response to many of these questions will be taught as well. Science and Literature may be taken for elective credit in science or in English. Students completing some additional requirements will be able to earn credit (upon graduation) at the University of Toledo.

I30 INTRODUCTION TO ENGINEERING

Grade Level: 12

Credits: 1

Prerequisite: Honors Physics, concurrent enrollment in AP Calculus and applications (PSEOP and course). (This course is taught at 7:30 a.m. Monday, Wednesday and Friday at St. Francis deSales and the University of Toledo).

The course is designed to give students the ability to understand and solve open-ended engineering problems. Students will develop hands-on and computer skills suitable for engineering applications. Introduction to the design process will include team-based experiences in several laboratories and a semester-long design/build project. The breadth of engineering disciplines and careers will be presented through discussions and guest speakers. Engineering ethics will be introduced.

Post secondary credit will be granted by the University of Toledo (3 semester credit hours). This course has been designed to exceed the Ohio Transfer Assurance guides for OES 001-*Introduction to Engineering* to be accepted by any public engineering college in Ohio, subject to Ohio Board of Regents approval.

Introduction to Engineering may be taken for elective credit in Mathematics or Science.

SOCIAL STUDIES

GENERAL INFORMATION:

Three units of Social Studies are required. The sequence of courses is: World History in Grade 9, American History in Grade 10 and Government in Grade 11 or 12 (or the honors equivalent).

W34 WORLD HISTORY

Grade Level: 9

Credits: 1

This course begins with a review of the early periods of world history. Then it concentrates primarily on the past thousand years of the global experience. Students will learn about the geography, economy, history and cultural characteristics of each region of the world. Current events, primary sources and various texts will be used throughout the course. In addition, students will employ critical thinking, writing, and communicating skills.

W36 HONORS WORLD HISTORY

Grade Level: 9

Credits: 1

Prerequisites: Evidence of upper-level reading and writing ability as indicated by scores in the 90th percentile or better on the high school placement test.

This honors course begins with a review of the early periods of world history. Then it will concentrate

primarily on the past thousand years of the global experience. Students will learn about the geography, economy, history and cultural characteristics of each region of the world. Extensive use of primary source material and advanced writing techniques will allow for an in-depth analysis of major themes in history: change and continuity, technology, resources, social structure, culture and national identities. This course contains balanced global coverage of Africa, the Americas, Asia and Europe.

W31 AMERICAN HISTORY

Grade Level: 10

Credits: 1

This survey course covers the development of the United States from early settlement to the present, with an emphasis on American history since Reconstruction. Themes of history such as culture, conflict, leadership, and related concepts are also addressed.

W35 AP UNITED STATES HISTORY

Grade Level: 10

Credits: 1

Prerequisites: Department recommendation based on minimum GPA of 3.75 and completed application including a writing sample (automatic acceptance if an A average in both terms of Honors World History).

An in-depth study of the history of the United States from the age of exploration to the present. Combines factual knowledge, analytical ability, and writing skills to address problems and primary sources from United States history. Students will be expected to maintain a level of achievement equivalent to a full-year introductory college course. The amount and advanced level of preparation work outside the classroom requires more time than a typical honors-level course. This course may be substituted for American History, and it follows the requirements established by the College Board.

W10 GOVERNMENT

Grade Level: 11, 12

Credits: 1

This required course teaches the purpose and structure of local, state, national, and international governments and the process of political decision-making. Related concepts of economics, rights and responsibilities of citizenship, and comparative economic and political systems, are also included.

SOCIAL STUDIES *continued*

W45 AP UNITED STATES GOVERNMENT AND POLITICS

Grade Level: 11, 12

Credits: 1

Prerequisites: 3.75 GPA and completion of World History and American History (or the Honors/AP equivalent). Acceptance by the department based on an application and writing sample. (Automatic acceptance if A/B in AP U.S. History or A in Honors World History.)

Uses an analytical approach to learn about government and politics in the United States. General concepts of institutions, groups, beliefs, and ideas that constitute U.S. politics are learned while analyzing specific examples such as presidential decisions, court cases, and current events. Students will learn various theories on patterns of political thought and behavior, and how each influences the political process.

W42 AP HUMAN GEOGRAPHY

Grade Level: 11, 12

Credits: 1

Prerequisites: 3.75 GPA and completion of World History and American History.

NOTE: Offered alternating years, next offered in 2010-2011

A systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape

analysis to study human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

W49 PSYCHOLOGY

Grade Level: 12 (11 if space is available)

Credits: 1

A course designed to provide an overview of behavior and mental processes. Topics include: development, sensation, perception, memory, motivation, emotion, personality, and learning.

W50B AP PSYCHOLOGY

Grade Level: 11, 12

Credits: 1

Prerequisites: An A in the most recent Social Studies and English courses or an A/B in Honors/AP equivalent.

Systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to each of the major sub-fields within psychology, including the methods psychologists use in their science and practice. Topics to be covered include behavior, sensation and perception, states of consciousness, motivation and emotions, personality, treatment of psychological disorders, and organizational behavior.

W52 MICRO ECONOMICS

Grade Level: 11, 12

Credits: .5

Microeconomics, or market economics, explores how we, as consumers, decide how much to buy and how much to sell, whether to work, study, or even to play! Through the study of supply and demand, market forces, business models, and the role of banks, students will investigate the way in which goods and services are bought and sold in our community. This is a great course for students who are interested in studying business, marketing, or related fields in college. Students may also sign up for Macroeconomics, but are not required to do so.

W53 MACRO ECONOMICS

Grade level: 11, 12

Credits: .5

Why can't the government just print more money to eliminate poverty? What is inflation? How can the U.S. government keep operating if it is in debt? Why do tariffs on imports help some Americans, but hurt others? How is our economy different than economies of other nations and how does that affect our policies toward those nations? If you have wondered about these concepts, or other issues of national or international economics, then this class on Macroeconomics is for you. Great course for students interested in business, international economics, or politics. Students may also sign up for Microeconomics, but are not required to do so.

SOCIAL STUDIES *continued*

W54 CURRENT WORLD

Grade Level: 9, 10, 11, 12

Credits: .5

This course begins with an overall look at geography to help students develop a sense of location for every nation in the world. It then helps students develop a worldview in light of forces in the global context such as the creation and mission of the United Nations, the role of the USA in world affairs, and the globalization of markets, ideas, and cultures. Research techniques and opposing viewpoints are used to analyze a variety of topics. Students complete a series of projects and presentations regarding these topics, as well as for each region or country assigned. In addition to the course content, there will be opportunities for students to participate in Model United Nations. If feasible, the course would culminate in an optional cross-cultural summer trip (at student expense) to an overseas destination to experience first-hand the information and issues students have learned in class.

I20 WOMEN'S STUDIES

Grade Level: 11, 12

Credits: 1

This course is designed to expose students to perspectives on issues of gender and culture. These issues include but are not limited to defining feminism, discussing women's roles in the workplace, family, politics, and the world. This course explores these issues through the examination of history, literature, contemporary social science research, film, popular culture, and the Internet. Through group discussion, action research projects, and critical thinking exercises, the course promotes an interdisciplinary, cross-cultural introduction to women's studies. This interdisciplinary course may be taken for elective credit in English or Social Studies.

THEOLOGY

GENERAL INFORMATION:

The Theology curriculum of St. Ursula Academy is adapted from the suggested course of study proposed by the Diocese of Toledo through Catholic School Services. In the words of the late Bishop James R. Hoffman, "We are not just teaching dogma, we are passing on our faith, sharing our values, celebrating our traditions and modeling service and commitment." While encouraging an atmosphere of ecumenical respect for other beliefs and practices, the Theology Department honors the obligation to present clearly the teachings and values of the Roman Catholic Church. In keeping with the spirit and Catholic identity of St. Ursula Academy, all students are required to pass Theology as a regular academic subject, and to attend all religious functions planned for the student body.

R11 THEOLOGY I: INTRODUCTION TO THEOLOGY AND OLD TESTAMENT

Grade Level: 9
Credits: 1

The Freshman student spends one term surveying basic doctrinal beliefs of the Catholic Church and understanding, as well as experiencing communal worship. This course serves as a foundation and introduction to the remainder of the theology curriculum. The second term is focused on gaining an appreciation and understanding of the Old Testament, and its relevance for the religious believer.

R21 THEOLOGY II: NEW TESTAMENT AND MORALITY

Grade Level: 10
Credits: 1

The Sophomore student spends one term studying the New Testament. Each student will come to know and understand the person, message, and mission of Jesus Christ. The second term focuses on morality. Students will study a number of contemporary ethical cases/issues with the help of church teachings and their own faith. The aim is to help each student make sound ethical decisions as a virtuous person.

R31B THEOLOGY III: CHURCH HISTORY AND SOCIAL JUSTICE

Grade Level: 11
Credits: 1

The Junior student, for one term, will come to understand the history and structure of the Roman Catholic Church. The second term explores a Christian's call to preach through working for justice, from the personal to the global level. The major justice issues include poverty, discrimination, the right to life and devaluation of human life.

R41B THEOLOGY IV: CATHOLIC CHRISTIAN LIFESTYLES AND WORLD RELIGIONS

Grade Level: 12
Credits: 1

The Senior student examines Catholic Christian lifestyles, choices and beliefs within the context of a pluralistic society. Areas explored include personal faith growth, relationships, communication, human sexuality and development, marriage as a sacrament, and parenting. The course then looks at other major religions, examining their beliefs and practices with an attitude of respect and understanding while searching for common ground with Catholicism.