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# MOUNT ST. MARY ACADEMY GRADUATION REQUIREMENTS

- 4 credits in Theology
- 4 credits in English
- 3 credits in Social Studies - to include
  - 1/2 credit - Global Regions
  - 1/2 credit - Civics
  - 1 credit - American History
  - 1 credit - World History
- 3 credits in Science - to include
  - 1 credit - Physical Science
  - 1 credit - Biology
  - 1 credit - Chemistry
- 4 credits in Mathematics - to include
  - 1 credit in Algebra I
  - 1 credit in Geometry
  - 1 credit in Algebra II/Trigonometry
  - 1 credit – elective Math
- 2 credits in Foreign Language (One Language)
- 1/2 credit in Fine Arts
- 1/2 credit in Speech Communications
- 1/2 credit in Physical Education
- 1/2 credit in Health
- 1/2 credit in Economics
- 5-1/2 elective credits

Students are encouraged to take an additional year of science, foreign language, and social studies. Credits are granted in grades 9 – 12. Adaptations are made for students who enter later than their freshman year and for students who have learning differences. The five and one half elective credits are considered **REQUIRED** credits. Their importance is equal to all other credits.

# INTERNATIONAL BACCALAUREATE REQUIREMENTS

Students wishing to participate in the full International Baccalaureate program complete graduation requirements and participate in the following curriculum:

- IB English 11 and 12 (Higher Level)
- IB Foreign Language IV (Standard Level)
- IB European History and IB 20th Century Topics (Higher Level)
- IB Science II and III (Standard or Higher Level)
- IB Math (Studies or Standard)
- IB Elective (Standard Level)
- Theory of Knowledge
- CAS Program (Creative, Action, Service)
- Extended Essay

Students take a minimum of 3 higher level courses and 3 standard level courses. IB tests are taken at the end of each IB course. IB test fees are paid in the year of testing. The International Baccalaureate program scores testing and determines who qualifies for the IB Diploma.

Students who wish to participate in an IB course but not in the full IB program may do so. Students may take up to 4 IB tests without being in the full IB program.

### Fee Schedule

#### IB Diploma Candidates (Class of 2013):

*Registration Fee	\$220.00
*Fees (Extended Essay/TOK/CAS)	\$200.00
**Subject Fee x 6 Exams (\$100ea)	\$600.00
<hr style="width: 20%; margin: 0 auto;"/>	
<b>TOTAL</b>	<b>\$1,020.00</b>

**\*Fees are due no later than November 1, 2011 and are non-refundable.**  
**\*\*Subject Fee (exam) is due no later than November 1<sup>st</sup> of the year of testing**

#### IB Certificate Candidates (May 2012 Exam Session):

Registration Fee (each year)	\$220.00
*Subject Fee per Exam	\$100.00

The total cost based on number of exams taken:

1 Exam	\$220.00 +	\$100.00	=	\$320.00
2 Exams	\$220.00 +	\$200.00	=	\$420.00
3 Exams	\$220.00 +	\$300.00	=	\$520.00
4 Exams	\$220.00 +	\$400.00	=	\$620.00

*\*Estimated fee – subject to change.*  
 All fees are due no later than November 1, 2011.

For anyone participating in the IB program, full diploma or certificate, all fees must be paid prior to November 1<sup>st</sup>. If fees are not paid the student is subject to withdrawal from the course.

# GRADING SYSTEM

Students at Mount St. Mary earn grades and credits based upon work completed during each grading period. Semester grades are permanent grades and appear on the student transcript. Quarter grades indicate the student's status at the mid-point of the semester. Each grading period ends on the day designated on the school calendar. All assigned work, make-up work, and teacher-approved extra-credit must be turned in by the end of the grading period. Any extension to turn in work after the grading period has ended must be approved by the Dean of Academics and is limited to cases of illness and family emergency. No student may receive a grade higher than 100% in any course.

A+	100-98	B+	89-87	C+	79-77	D+	69-67	F	Below 60
A	97-94	B	86-83	C	76-73	D	66-63		
A-	93-90	B-	82-80	C-	72-70	D-	62-60		

Grade	Grade Quality Points		Comment		
	College Prep	Honors/1st Yr. IB	Honors/1st Yr. IB	Highest Level IB	
A	4.0		4.5	5.0	Superior
B	3.0		3.5	4.0	Above Average
C	2.0		2.5	3.0	Average
D	1.0		1.5	2.0	Below Average
F	0.0		0.0	0.0	Improvement Needed

## GRADE POINT AVERAGE (G.P.A.)

Quarter grade point average is computed by dividing the number of subjects taken into the total number of quality points earned. The cumulative G.P.A. is the combined G.P.A. of all semester grades and is determined by adding course quality points for each semester class, then dividing by the number of credits, and dividing that number by 2.

\*Students who drop an IB course or fail to take the IB exam will not be awarded higher quality points.

\*\*Courses taken for credit during the summer or outside of the “regular” academic schedule will be listed on the official transcript, awarded a grade and appropriate credit but will not be calculated into the cumulative GPA or credit total.

# COURSE TITLES

## **ACADEMIC DEVELOPMENT**

Study Skills  
Guided Study  
Theory of Knowledge

## **BUSINESS**

Multimedia I (1/2)  
Multimedia II (1/2)  
Marketing (1/2)  
Personal Finance (1/2)  
Human Relations (1/2)  
Computer Lab Tech (1/2)  
IB Information Technology in a Global Society  
Economics (1/2)

## **ENGLISH**

English 9  
Honors English 9  
English 10  
Honors English 10  
English 11  
IB English 11  
English 12  
IB English 12

## **FAMILY AND CONSUMER SCIENCE**

Family and Consumer Science  
Child Development (1/2)  
Food and Nutrition (1/2)  
Parenting (1/2)  
Fashion/Clothing and Textiles (1/2)

## **FINE AND PERFORMING ARTS**

Women's Chorus  
Guitar Class for Beginners I and II (1/2)  
Meet the Beatles (1/2)  
Speech Communication (1/2)  
Drama/Theatre Arts (1/2)  
IB Theatre Arts  
Studio Art I, II, III, IV  
IB Studio Art III and IB Studio Art IV

## **INTERNATIONAL LANGUAGE**

French I  
Honors French II  
Honors French III  
Honors French IV  
IB French IV  
Honors French V  
Latin I  
Honors Latin II  
Honors Latin III  
Honors Latin IV  
IB Latin IV  
Spanish I, II, III, IV  
Honors Spanish II  
Honors Spanish III  
Spanish IV  
IB Spanish IV  
Honors Spanish V

## **MATHEMATICS**

Algebra I  
Honors Math I  
Concepts of Geometry  
Geometry  
Honors Math II  
Algebra II/Trigonometry  
Algebra III/Trigonometry  
IB Math Studies  
Pre-Calculus  
IB Math Standard Level I  
IB Math Standard Level II

## **PHYSICAL EDUCATION**

Health Education (1/2)  
Physical Education (1/2)  
Physical Education/Health Basketball  
Contemporary Health Issues (1/2)  
Recreation for Life (1/2)

## **SCIENCE**

Physical Science Survey  
Biology  
Honors Biology  
Chemistry  
Honors Chemistry  
Anatomy and Physiology  
IB Biology II  
IB Biology III  
IB Chemistry II  
IB Chemistry III  
Honors Physics

## **SOCIAL STUDIES**

Civics (1/2)  
Global Regions (1/2)  
American History  
Honors American History  
World History  
Street Law (1/2)  
Psychology (1/2)  
International Relations  
IB Psychology  
IB European History  
IB 20th Century History  
Economics (1/2)

## **THEOLOGY**

Theology I  
Theology II  
Theology III  
Theology IV  
World Religions

# **HOMEWORK GUIDELINES**

Below you will find the 2011 - 2012 Homework Guidelines. Homework is defined as anything which the student is required to do at home in order to prepare for a class. This includes reading, study, memorization, completing written assignments, test preparation, etc. Please use the Guidelines as a reference when deciding on course choices.

## **College Preparatory Classes**

Lower division students (9th - 10th grades) should normally expect 30 minutes of homework for each 90 minute period. At times this may increase to 45 minutes, but 30 minutes should be the norm. This represents approximately two to two-and-one-half hours of study per night. For upper division students (11th - 12th grades), 45 minutes will be more frequent.

## **Honors Classes**

Lower division students should normally expect 45 minutes of homework for each 90 minute period. At times this may increase to 60 minutes, but 45 minutes should be the norm. For a typical sophomore taking Honors English, Honors Foreign Language, and Honors Math, this represents two-and-one-half to three-and-one-half hours per night. For upper division students, 60 minutes will be more frequent.

## **International Baccalaureate Classes**

International Baccalaureate classes are college level classes which are intended to prepare a student to successfully pass the International Baccalaureate exams at the end of the course. As such, students enrolling in these courses should anticipate some summer preparation and a workload that exceeds that of an honors level class. Because the priority of these classes is to help students pass the exams, their pace cannot be moderated and may frequently exceed one hour of preparation for each 1 1/2 hour class meeting.

## **Weekends and Vacations**

Students should not be given additional work for weekends and vacations. On a weekend, students should typically have the same amount of homework they would have on any other day as indicated above.

## **Major and Semester Projects**

It is important for students to learn how to do extended research and to complete more extensive projects. As such it may be possible for students in any grade level to have a limited number of semester length projects (one, maybe two per course) which are done outside of the framework given above. The Science Project currently required of most lower division students would fit this category.

# ACADEMIC DEVELOPMENT DEPARTMENT

## STUDY SKILLS

CREDITS: 1/2

OPEN TO: GRADE 9

PREREQUISITE: TEST SCORES AND ACADEMIC RECORDS

Study Skills is a one semester course for incoming freshmen whose test scores and academic performance indicate that they are performing below grade level in their basic English, reading, and mathematics skills. Skill development provides students with basic information and skills needed in the areas of self and time management, improvement of study skills, listening skills, participating and taking notes in class, preparation for test-taking, exploring test anxiety, and exploring the library/media center.

## GUIDED STUDY

CREDITS: NONE

OPEN TO: GRADES 9 (second semester only), 10, 11, AND 12

PREREQUISITE: DIAGNOSED LEARNING DIFFERENCE

Guided study hall is offered to students with a diagnosed learning difference that would benefit from a teacher's assistance and additional academic resources during the day. This course replaces an elective in graduation requirements.

## **NOTE:**

\*\*Mount St. Mary Academy does not offer a special education program; however, students with documented diagnosed learning differences with a DSM IV classification may be assisted by the Academic Development Program or Guided Study Hall. The purpose of these two programs is to assist students in achieving success with a college preparatory curriculum. The Guidance Department and the Dean of Academics determines participation in the programs based on current diagnostic testing including professional recommendations for classroom accommodations.

Mount St. Mary Academy will assist students who participate in the Guided Study Program with requests for ACT Assessment Special Testing. Special testing can only be requested by students with a documented diagnosed learning difference which includes the DSM IV classification. Special testing is at the discretion of ACT not Mount St. Mary Academy. For more information about ACT criteria for special testing, please visit the ACT website at <http://www.act.org/aap>.

Mount St. Mary Academy does not offer a modified grading system for students with learning differences; however, recommended accommodations from neuropsychological or psycho educational evaluations for students in the Guided Study Program are considered. The Guidance Department and the Dean of Academics determine which accommodations are feasible.

## THEORY OF KNOWLEDGE

CREDITS: 1/4 PER SEMESTER

OPEN TO: IB FULL DIPLOMA JUNIORS AND SENIORS

Theory of Knowledge is an interdisciplinary course designed to review and challenge knowledge. It is a two-year course required for all junior and senior IB full Diploma candidates. The course involves "you as the knower" exploring and interpreting the world

around the areas of ethics, reason, emotion and perception while integrating them with the six subject areas. Students study and process a variety of topics so they are able to create and enhance their own knowledge of the topics. Through this journey of discovery, the students consider the basis on which moral, political and aesthetic judgments are made. ToK is a way for the students to view the world and the thought presented to them utilizing the framework of the matrix. The meeting time of this course for 2010-2011 has not been determined.

# **BUSINESS DEPARTMENT**

## **MULTIMEDIA I**

CREDITS:1/2

OPEN TO: GRADES 10 – 12

Multimedia I is an introductory one-semester course giving students experience in using multimedia to merge text, graphics, video, and sound. Applied principles are used to analyze and organize information, set up a design structure and produce special visual expressions. This one semester course will enable students to apply basic non-linear video editing techniques. Students will work individually and in groups during the course. Participation and attendance are critical for success. It is critical that students can manage time and meet deadlines. As there is limited equipment, teamwork and sticking to schedules is a priority

## **MULTIMEDIA II**

CREDITS:1/2

OPEN TO: GRADES 10-12

PREREQUISITE: MULTIMEDIA I

Multimedia II and Web Design is a one-semester course giving students advanced experience in using multimedia to merge text and graphics, as well as in editing and dubbing video and sound. Applied principles are used to analyze and organize information, set up a design structure, and produce special visual expressions. The web design portion of this course is an introduction to the design, creation, and maintenance of web pages and websites. With it, you will learn how to critically evaluate website quality; learn how to create and maintain quality web pages; learn about web design standards and why they're important; and learn to create and manipulate images. Students learn how to use all of the media equipment (digital camera, camcorder, video capture device, and scanner). Students create multimedia presentations, Web pages, and videos. Emphasis is on good design as well as technical skill as students incorporate the proper combination of text, graphics, video, and sound. Students also edit and produce sophisticated graphics.

## **MARKETING**

CREDITS: 1/2

OPEN TO: GRADES 10 – 12

Marketing is a semester course designed to provide students with the fundamental concepts, principles, skills, and attitudes common to the field of marketing. Instruction will focus on market types, market analysis, consumer types, planning promotion, buying, pricing, distribution, finance, trends, and careers.

## **PERSONAL FINANCE**

CREDITS: 1/2

OPEN TO: GRADES 10 - 12

Personal Finance is a one-semester class which focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world. It informs students of their various financial responsibilities. Students will learn skills and information regarding credit, banking, budgeting, stocks and bonds to help them manage their finances.

HUMAN RELATIONS  
OPEN TO: GRADE 12

CREDITS: 1/2

In this course, students provide a service to the school through assisting a teacher or working in an office for one class period. The grade for this class is a combination of four factors: the assigned teacher/staff member's evaluation, the student's written essay, the two hour work obligation during semester exams, and the student's attendance. This course is limited to one semester unless approved by the Guidance Department.

COMPUTER LAB TECH  
OPEN TO: GRADES 11-12

CREDITS: 1/2

Computer Lab Tech ("Tinker"Belles) is a hands-on semester course where students work in the Computer Help Center providing support to the laptop program. Students will learn laptop repair, customer service and basic IT support functions. This course may be taken multiple times as an elective. Participation in this course is limited and will be determined by an application process.

IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: WORKING KNOWLEDGE OF COMPUTER HARDWARE/  
SOFTWARE AND TEACHER RECOMMENDATION

Information Technology in a Global Society (ITGS) is a one-year course that aims to prepare students to understand the many uses of different types of information systems. The main emphasis is to consider how two aspects, the social significance of Information Technology and the ethical considerations arising from Information Technology, influence individuals, communities, institutions, and organizations. Students use a variety of sources to write portfolios and to produce a product. These sources include but are not limited to using the world wide web, e-mail, computers, printers, and scanners. Along with the hardware, students utilize different computer software programs. The foundation of this course is to learn how technology impacts society, not to learn actual technical details of how machines work.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB ITGS. The fees are nonrefundable after November 1.**

ECONOMICS  
OPEN TO: GRADES 10 - 12

CREDITS: 1/2

Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students will explore the interrelationships among the roles played by consumers, producers, capital, land, and labor as well as the interrelationships among economic, political, and social lives. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on occupational goals and future earnings potential. Economics stresses application, problem-solving, and higher-order thinking skills.

# ENGLISH DEPARTMENT

## ENGLISH 9

CREDITS: 1

OPEN TO: GRADE 9

The English 9 course consists of an in-depth study of John Knowles' *A Separate Peace*, Shakespeare's *Romeo and Juliet*, and Homer's *Odyssey*. In addition, students are assigned selections of poetry and study short stories. This class also reviews grammar skills, promotes writing skills, begins research skills, and covers twenty units of vocabulary study.

## HONORS ENGLISH 9

CREDITS: 1

OPEN TO: GRADE 9 WITH STRONG READING AND WRITING SKILLS AS INDICATED BY TEST SCORES AND ACADEMIC RECORDS

The Honors English 9 course consists of an in-depth study of John Knowles' *A Separate Peace*, Shakespeare's *Romeo and Juliet*, and Homer's *Odyssey*. In addition, students are assigned selections of poetry and short stories. This class also reviews grammar skills, promotes writing skills, begins research skills, and covers twenty units of vocabulary study. Work includes a poetry commentary. **This course is designed to prepare students for the IB English curriculum.**

## ENGLISH 10

CREDITS: 1

OPEN TO: GRADE 10

The English 10 course focuses on literature and writing, including the study of the novel *The Scarlet Letter* and the Shakespearean play *Julius Caesar*. The course also includes reading selections in Edith Hamilton's *Mythology* and selections of poetry and short stories. Work includes some grammar instruction, writing instruction and practice (including instruction in research), and twenty units of vocabulary study.

## HONORS ENGLISH 10

CREDITS: 1

OPEN TO: GRADE 10

PREREQUISITE: HONORS ENGLISH 9 AND TEACHER RECOMMENDATION

The Honors English 10 course focuses on literature and writing, including the study of the novel *The Scarlet Letter* and the Shakespearean play *Julius Caesar*. The course also includes reading selections in Edith Hamilton's *Mythology* and selections of poetry and short stories. Work includes some grammar instruction, writing instruction and practice (including poetry and prose commentaries and a research paper), and twenty units of vocabulary study. Students also give individual oral interpretations of a work of literature. Work is geared to preparation for upper division IB English courses. **This course is designed to prepare students for the IB English curriculum.**

## ENGLISH 11

CREDITS: 1

OPEN TO: GRADE 11

PREREQUISITE: ENGLISH 10

The English 11 course promotes an appreciation of literature selected from one's own culture and from that of other societies. It is designed to develop students' individual language

skills, their ability to comment upon familiar texts, and the ability to express a personal and independent response to literature. The course will cover two thematic units of literary study. The first semester unit is “Who Am I?/Identity,” and the second semester unit is “The Tragic Family.” The first unit covers Zora Neale Hurston’s *Their Eyes Were Watching God*, Albert Camus’ *The Stranger*, and Shakespeare’s *Hamlet*. The second semester includes the study of Sophocles’ *Oedipus Rex*, Euripides’ *Medea*, and Henrik Ibsen’s *A Doll’s House*. Vocabulary study, SAT/ACT test preparation, and research paper are also included in this course.

IB ENGLISH 11

CREDITS: 1

OPEN TO: GRADE 11

PREREQUISITE: HONORS ENGLISH 10 AND TEACHER RECOMMENDATION

The IB English 11 course is the first year of the IB Language A1/Higher Level Program for International Baccalaureate Diploma and certificate candidates. It promotes an appreciation of literature selected from one’s own culture and from that of other societies. It is designed to develop students’ powers of expression in a variety of styles and situations. Both oral and written examinations are used to assess students’ individual language skills, their ability to critically analyze and comment upon familiar and unfamiliar texts, and their ability to express a personal and independent response to literature. This course includes two IB assessments: the Oral Presentation and the World Literature Paper 1, a comparative study. The course covers two thematic units of literary study. The first semester unit is “Who Am I?/Identity,” and the second semester unit is “The Tragic Family.” The first unit covers Zora Neale Hurston’s *Their Eyes Were Watching God*, Thomas Hardy’s *Tess of the D’Urbervilles*, selected letters and poetry of Sylvia Plath, and Albert Camus’ *The Stranger*. The second semester includes the study of Sophocles’ *Oedipus Rex*, Euripides’ *Medea* and *Electra*, and Henrik Ibsen’s *A Doll’s House*. Vocabulary study and SAT/ACT test preparation are also included. *Tess of the D’Urbervilles* will be assigned as summer reading.

**\* IB English II course subject to minor adjustments to be announced March 2011.**

ENGLISH 12

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: ENGLISH 11

The English 12 course promotes an appreciation of literature focusing on selected works from a variety of genres. The course continues the conceptual groundwork of the junior level course through a detailed study of works in which the student will increase understanding of her culture and other cultures. The course covers two thematic units of literary study. The first semester unit is “The Individual Voice and Choice.” The first unit covers Shakespeare’s *Macbeth*, Edith Wharton’s *Ethan Frome*, and selected poems of William Wordsworth and John Keats. The second semester unit is “The Art of the Novel.” This unit covers Ernest Hemingway’s *The Sun Also Rises*, Margaret Laurence’s *The Stone Angel*, and Chinua Achebe’s *Things Fall Apart*. Both written and oral assessments are used to determine the student’s ability to express a meaningful, relevant response to literature. Vocabulary study and SAT/ACT test preparation are also a part of this course.

IB ENGLISH 12\*

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: IB ENGLISH 11 AND TEACHER RECOMMENDATION

The IB English 12 course is the second year of the IB Language A1/Higher Level Program for International Baccalaureate Diploma and certificate candidates. It promotes an appreciation of literature focusing on a detailed study of selected works from a variety of genres. The course continues the conceptual groundwork of the first year through a detailed study of works in which the student increases understanding of the works and their relationship to works from the student's own culture and other cultures. A detailed study of the art of the novel is also a part of this course. A variety of examinations, both written and oral, are used to assess the student's ability to express a meaningful, relevant response to literature. This course includes two IB assessments: the Oral Commentary and the World Literature Paper 2. The course covers two thematic units of literary study. The first semester unit is "The Individual Voice and Choice." The first unit covers Edith Wharton's *Ethan Frome*, Chinua Achebe's *Things Fall Apart*, Shakespeare's *Macbeth* and *Othello*, and selected poems of William Wordsworth and John Keats. The second semester unit is "The Art of the Novel." This unit covers Ernest Hemingway's *The Sun Also Rises*, Margaret Laurence's *The Stone Angel*, Emily Bronte's *Wuthering Heights*, and a review of Chinua Achebe's *Things Fall Apart*. Students prepare to sit for the IB Language A1/Higher Level Exam in May 2008 by writing numerous essays on the four novels studied during the second semester and on unfamiliar poems and prose passages. Vocabulary study and SAT/ACT test preparation are also a part of this course. *Ethan Frome* and *Things Fall Apart* are assigned for summer reading.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB ENGLISH A1. The fees are due by November 1 and are nonrefundable after November 1.**

# **FAMILY AND CONSUMER SCIENCE DEPARTMENT**

## FAMILY AND CONSUMER SCIENCE

CREDITS: 1

OPEN TO: GRADES 9 - 10

Family and Consumer Science is designed to provide students with basic information and skills needed to function effectively within the family and within a changing, complex society. Emphasis is given to the development of competencies related to Family, Career and community Leaders of America, family and individual health; relationships; arrangement of personal living space; wardrobe planning and selection; garment care and construction; selection of toys and age-appropriate play activities for children; health and safety procedures related to child care; nutrition and food selection; meal planning, preparation, and service; home management; money management; use of credit and banking services; consumer education; computer use at home, in school, and in the workplace; and career skills. Upon completion of this course, the student should have developed basic life skills that promote a positive influence on the quality of life.

## CHILD DEVELOPMENT

CREDITS: 1/2

OPEN TO: GRADES 10 - 12

Child Development focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Emphasis is given to the development of competencies related to the study of children, pregnancy and prenatal development, birth and the newborn, types of growth and development, stages of growth and development, rights and responsibilities of parents and children, needs of children, factors influencing the behavior of children, selection of child-care services, health and safety of children, children with special needs, coping with crises, the effects of technology on child development, and careers related to the area of child development. Upon completion of this course, the student should be prepared to care for and guide the development of a child through all stages of growth—within a family, as a child-care professional, or in other experiences with children.

## FOOD AND NUTRITION

CREDITS: 1/2

OPEN TO: GRADES 10 - 12

Experiences in the Food and Nutrition course focus on the development of skills needed to select, prepare, and serve food which meets nutritional needs of individuals and families. Emphasis in this course is given to the development of competencies related to nutrition, weight control, the food consumer, the effect of technology on food and nutrition, microwave cookery, kitchen organization and equipment, safety and sanitation, menu planning, serving and eating food, food preparation, eating away from home, and jobs and career opportunities in the field of food and nutrition. Upon completion of this course, students should be able to apply sound nutritional practices which will have a positive effect on their health.

## PARENTING

CREDIT: 1/2

OPEN TO: GRADES 10 - 12

Experiences in the Parenting course are designed to assist students in developing an understanding of the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children. Emphasis in this course is given to the development of competencies related to the

parenthood decision, costs of having and raising a child, child growth and development, effects of heredity and environment on development, rights and responsibilities of parents and children, providing nurturance, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, caring for the sick or injured child, parenting a “special needs” child, helping children cope with crises, choosing professionals to help with parenting problems, selection of child-care services, jobs and careers related to parenting, and effects of technology on careers related to parenting. Upon completion of this course, a student should possess skills necessary to provide quality care for children—as a parent, as one employed to care for children, or as one who interacts with children in other settings.

FASHION/CLOTHING AND TEXTILES

CREDIT: 1/2

OPEN TO: GRADES 10 - 12

Experiences in the Fashion/Clothing and Textiles course are designed to assist students in developing skills necessary for management of individual and family wardrobes, for decision making as a clothing consumer, and for understanding the role of the clothing and textile industry in the economy. Emphasis is given to the development of competencies related to clothing selection; clothing needs of family members; wardrobe planning; clothing care; characteristics of natural and synthetic fibers; types of fabrics and fabric finishes; laws and regulations related to the clothing and textiles industry; use and care of basic sewing supplies and equipment; fabric selection; clothing construction techniques; jobs and careers in clothing and textiles; computer use in clothing and textiles; and effects of technology on the clothing and textiles industry. Upon completion of this course, a student should be able to provide and maintain personal/family wardrobes to meet the needs of individuals. In addition, the student should acquire skills needed for clothing and textiles occupations and develop a knowledge of the impact of technology on the clothing and textiles industry.

# FINE AND PERFORMING ARTS DEPARTMENT

## MUSIC DEPARTMENT

### PERFORMANCE CLASSES

#### MSM WOMEN'S CHORUS

CREDITS: 1

OPEN TO: GRADES 9 - 12

PREREQUISITE: BY AUDITION

A 2.0 GPA in accordance with AAA regulations

This is a one-year elective course designed for the intermediate choral student who enjoys performing in a choral ensemble and enjoys singing choral music of all types. Emphasis is on further developing vocal technique, sight-reading skills, musicality and, of course, performing. The MSM Women's Chorus participates in two home concerts a year, up to two festival /competitions per year, at school liturgies and at Ballet Arkansas' and the Arkansas Symphony's *The Nutcracker*. It has traveled to NYC to participate in concerts in Carnegie Hall. The ensemble has sung with the Cathedral of St. Andrew's choir in the Faure *Requiem* and with the UALR Concert Choir and Community Choir in the Rutter *Mass for Children and Carmina Burana*. It also had a cameo role in the Little Rock performance of the touring Broadway musical *High School Musical*. In 2009 it sang on the Arkansas Symphony Orchestra's Christmas program. For the past several years, Women's Chorus has received superior ratings at region and state choral festivals. Members of Women's Chorus are strongly encouraged to remain in the ensemble throughout their years at MSM in order to prepare for possible college choir scholarships.

#### GUITAR CLASS FOR BEGINNERS I AND II

CREDITS: 1/2

OPEN TO: GRADES 9\* – 12

The purpose of this class is to give students an opportunity to study beginning guitar on a serious level. The class will learn two styles of guitar playing: that of acoustic "folk" guitar, which consists of learning chords, different strums and finger picking, and that of classical guitar, which consists of reading notes off a staff. TAB will also be studied. Students will have an opportunity to perform for parents and peers.

\*9<sup>th</sup> grade students are required to take both first and second semester.

#### CATHOLIC HIGH SCHOOL BAND (directed by Jack Prichett)

NON-CREDIT

MSM has an arrangement with Catholic High School that allows talented and interested students to play in the CHS Band. Rehearsals are held at CHS during the students' Activity Period. All arrangements are made through Mr. Jack Prichett.

### ACADEMIC CLASSES

#### MEET THE BEATLES

CREDIT: 1/2

OPEN TO: GRADES 10 – 12

Most people know some of the music of the Beatles, but they may not know how innovative that music actually was. The purpose of this one-semester survey course is to introduce the student to the major stylistic periods of The Beatles' music, the stories behind their music,

how the songwriting styles of the group developed and how technological advances affected the process of recording as well as the finished product. Assessment can include written and aural tests, reports, and individual and class projects.

## **THEATER DEPARTMENT**

### SPEECH COMMUNICATION

CREDITS: 1/2

OPEN TO: GRADES 11 AND 12, AND 10th GRADE STUDENTS

DESIRING TO ENTER THE FULL IB DIPLOMA PROGRAM

Speech Communication explores a variety of public speaking and general communication situations. Students learn how to select a topic, organize a speech, and make an effective oral presentation. The course includes a study of the levels of communication, listening skills, language, nonverbal communication, and perceptions/cultures.

### DRAMA/THEATRE ARTS

CREDITS: 1/2

OPEN TO: 11 - 12, AND 10TH GRADE STUDENTS DESIRING

TO SEEK A FULL IB DIPLOMA

PREREQUISITE: SPEECH COMMUNICATION

Drama is a one semester fine arts credit, and its curriculum is designed to be the introduction course to IB Theatre Arts. This course includes the study of theater history, improvisation, pantomime, movement, and acting. Additional areas of study include masks, types of drama, stage makeup, simple set design, and fundamentals of production. The course material is based on The Stage and the School, written by Harry H. Schanker and Anne Ommanney.

### IB THEATRE ARTS\*

CREDITS: 1

ELECTIVE: GRADES 11 - 12

PREREQUISITE: SPEECH COMMUNICATION, DRAMA, AND/OR TEACHER RECOMMENDATION

The IB Theatre Arts Standard Level Course consists of three compulsory study areas. These areas include: Theatre in the Making, Theatre in Performance, and Theatre in the World. The IB requires four major assessments: Research Investigation, Practical Performance Proposal, Theatre Performance and Production Presentation, and the Independent Project Portfolio. Each student will work on the production of at least two performances during class. The curriculum for this course begins in Drama/Theatre Arts.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB THEATRE ARTS. The fees are due by November 1 and are nonrefundable after November 1.**

## **VISUAL ART DEPARTMENT**

### STUDIO ART I

CREDITS: 1

OPEN TO: GRADES 9 - 12

Studio Art I is a beginning level course for those students interested in Art as a career, hobby, or means of self expression. The curriculum of the course is based on the Elements and

Principles of Design, which give the student the basic language and skills needed to begin creating quality works. Students will explore various methods of art (such as drawing, painting, and collage), as well as various media (such as graphite, Prismacolor, pen and ink, and acrylic paint). This “sampler course” emphasizes skill building, planning, and process. Effort and correct assignment completion play a major role in the student’s evaluation process. Matting and mounting of works is also introduced.

STUDIO ART II

CREDITS: 1

OPEN TO: GRADES 10-12

PREREQUISITE: STUDIO ART I AND TEACHER RECOMMENDATION

Studio Art II is a continuation of the exploration of art methods, media, and research with an emphasis on skill building, planning, and the content/meaning of works. Students will work with media used in Art I as well as media connected with scratchboard and printmaking methods. Several Printmaking techniques are introduced during Art II such as drypoint, various relief printing methods, and monotype. Any seniors taking this course must participate in the Senior Show.

STUDIO ART III

CREDITS: 1

OPEN TO: GRADES 11-12

PREREQUISITE: STUDIO ART II AND TEACHER RECOMMENDATION

Studio Art III focuses on advanced skill building in drawing, painting, and sculpting the human figure, as well as individual expression and compositional planning. Students continue working with various drawing and painting media; however, they often chose which approach or medium would best express their individual artistic statement. Charcoal, Pastellos, and oil paints are introduced at this level as well as graphic design. Group critiques are incorporated into every project and are used for assessment. Any seniors taking this course must participate in the Senior show.

IB STUDIO ART III

CREDITS: 1

OPEN TO: GRADES 11-12

PREREQUISITE: STUDIO ART II AND TEACHER RECOMMENDATION

The International Baccalaureate Studio Art III course seeks to build upon previously acquired artistic knowledge, techniques, skills, and cultural connections with the intent to develop ever increasing mastery of them. The course consists of two linked parts with activities integrating work in the studio with investigative workbook research. The students explore individual, societal, global, and historical concepts relating to the visual arts as well as spend significant time in independent exploration of methods and material with teacher guidance. Student’s Investigation Workbooks (IWB’s) demonstrate an exploration of art styles, periods, experimental techniques, global and cultural connections, and document the planning and production processes of their art pieces. The student begins the art pieces for her show in the second year. IB Studio Art III is the first course of a two-course sequence and is designed to fulfill the requirements of Standard Level IB Art. There are two options. Option A is designed for the visual arts student with creative and imaginative abilities with 60% of her time spent of studio work and the other 40% on independent critical research and analysis. Option B is for the student whose interest in art is mainly critical, cultural, and historical. Forty percent of the time for this option is spent on studio work and 60% is spent on research and analysis. Summer assignments are given the preceding fall semester.

STUDIO ART IV

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: STUDIO ART III AND TEACHER RECOMMENDATION

The Studio Art IV course is designed for those students who have a serious interest in art as a career or means of self-expression. This course incorporates college level projects that stretch the imagination and creativity of the student. Several Art Theories and Aesthetics are introduced to the students and incorporated into research and studio work. The second semester of the course focuses on building a portfolio and body of work to present in the Senior Show at the end of the year. A research workbook is kept to encourage outside study of the arts and to help make historical and global connections to their own works.

IB STUDIO ART IV

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: IB STUDIO ART III AND TEACHER RECOMMENDATION

The International Baccalaureate Studio Art IV course is the second course of the IB two course sequence for IB Visual Art SL Option A. This course is designed for the specialist visual arts student, with creative and imaginative abilities, who may pursue the visual arts at the university or college level. Student work at this level may be similar in content to the work in IB Studio Art III. This course consists of two compulsory parts: Studio Work- practical exploration and artistic production, and Investigation Workbooks (IWB's)- independent critical research, analysis, and experimentation -visual and written- on methods and materials and global/cultural connections to their own works. Summer assignments are given before the fall semester begins.

**\*This course requires payment of an exam fee by the student, either as a candidate for the full IB Diploma or as a candidate for a certificate in IB Visual Art. The fees are due by November 1 and are nonrefundable after November 1.**

# INTERNATIONAL LANGUAGE DEPARTMENT

The Language Department uses Renaissance Language Labs with listening stations in the French and Spanish rooms. The equipment provides monitoring by the teacher of individual students, pairs, or groups as they listen and respond to recordings, videos, or each other. It also allows individual students to speak to the class over the headsets, and for students to be recorded individually or in groups onto the teacher's computer. This technology enhances individual speaking and listening skills and is used with each level of language.

## FRENCH

### FRENCH I

CREDITS: 1

OPEN TO: GRADES 9 - 12

This course introduces students to the culture and the basic structural elements of the language of the French-speaking world at a novice level. Special attention is given the French sound system. Oral and written communication is emphasized. Videos and recordings by native speakers assist the teacher, and opportunities for individual in-school use of software are offered to students. Projects are done on French History and Francophone World current events. Songs are used to learn vocabulary, grammar, and culture. Projects count as test grades. All students enrolled in the course must take the National French examination.

### HONORS FRENCH II

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: FRENCH I

Honors French II is an advanced and fast-paced continuation of the study of French language and culture at a low-intermediate level. Honors French II provides a blend of all language skills: understanding of culture, reading, writing, listening, and speaking. Authentic realia is used in class to enhance the students' contact with French (recordings of native speakers, CDs, Internet, videos, songs, etc.). The students will complete projects focused on Francophone art, architecture, or music. These projects count as major test grades and include an oral presentation and visual in the target language. Students in this class must take the National French Exam.

### HONORS FRENCH III

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: HONORS FRENCH II AND TEACHER RECOMMENDATION

Honors French III is an advanced and fast-paced continuation of the study of French grammar and culture at a high intermediate level. Honors French III provides a blend of all five language skills: reading, writing, listening, speaking, and understanding of culture. Authentic realia is used in class to enhance the students' contact with French (recordings of native speakers, CDs, Internet, videos, songs, magazines, newspapers, etc.). Students complete a project on French literature. These projects count as major test grades and include an oral presentation and a visual. Students in this class participate in the National French Contest and attend the French play field trip. Honors French III students are expected to participate in the AFLTA Language Festival and prepare for the International Baccalaureate Language B Standard Level French exam to be taken the next year.

### HONORS FRENCH IV

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: HONORS FRENCH III AND TEACHER RECOMMENDATION

Honors French IV is an advanced and fast-paced continuation of the study of French grammar and culture at a high intermediate level. Honors French IV provides a blend of all five language skills: reading, writing, listening, speaking, and understanding of culture. Authentic realia is used in class to enhance the student's contact with French (recordings of native speakers, CDs, Internet, videos, songs, magazines, newspapers, etc.). Students complete a project that consists of a 10 page paper in French with the majority of the sources being in French. All projects count as major test grades. Students in this class must participate in the National French Contest and attend the French play field trip. Honors French IV students are required to participate in the AFLTA Language Festival.

### IB FRENCH IV

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: HONORS FRENCH III AND TEACHER RECOMMENDATION

IB French IV is an advanced and fast-paced continuation of the study of French grammar and culture at a pre-advanced level. IB French IV provides a blend of all five language skills: reading, writing, listening, speaking, and understanding of culture. Authentic realia is used in class to enhance the student's contact with French (recordings of native speakers, CDs, Internet, videos, songs, magazines, newspapers, etc.). Students will complete a project that consists of a 10 page paper in French with the majority of the sources being in French. All projects count as major test grades. Students in this class participate in the AFLTA Language Festive, the National French Contest and the French play field trip. IB students will prepare for the International Baccalaureate Language B Standard Level French exams.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB FRENCH B. The fees are nonrefundable after November 1.**

### HONORS FRENCH V

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: HONORS FRENCH IV AND TEACHER RECOMMENDATION

This is a continuation of French I, II, III, and IV with the same goals as French IV at an advanced level. However, French V students must work independently, contracting weekly work, as they may be added to another French class and may be required to share the teacher's time. Students participate in the National French Contest and attend the French play field trip.

## LATIN

### LATIN I

CREDITS: 1

OPEN TO: GRADES 9 - 12

Latin I is an introduction to the language, mythology, history, and culture of the Romans. Emphasis is placed on reading and writing in the target language. A mixture of teaching

methods is used to introduce students to listening to and pronouncing the language. All Latin students are members of the Junior Classical League.

### HONORS LATIN II

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: LATIN I

Honors Latin II is a continuation of the study of language, history, and culture with more emphasis given to reading and writing the language. Translations emphasize readings based on the works of ancient authors. One project, a detailed study of Roman food and banquets, is required. Students read the Cena Trimalchionis by Petronious and research and recreate a Roman banquet. All Latin students are members of the Junior Classical League.

### HONORS LATIN III/IV or IB LATIN IV (LATIN LOVE POETRY)

CREDITS: 1

(Offered Every Other Year)

OPEN TO: GRADES 10 - 12

PREREQUISITE: HONORS LATIN II, AND TEACHER RECOMMENDATION

IB Love Poetry is an advanced course in which students read poetry selections from Catullus, Horace, and Ovid. The objective is progress in reading, translating, understanding, analyzing, and interpreting Latin in the original. Students learn literary techniques and Latin metrics. Students continue their study of Latin grammar, vocabulary, and Roman social and political history. All Latin students are members of the Junior Classical League.

**\*As a fourth level course of study, this course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB LATIN. The fees are due by November 1 and are nonrefundable after November 1.**

### \*HONORS LATIN III/IV or IB LATIN IV (ROMAN EPIC)

CREDITS: 1

(Offered Every Other Year)

OPEN TO: GRADES 10 - 12

PREREQUISITE: HONORS LATIN II AND TEACHER RECOMMENDATION

IB Roman Epic is an advanced course in which students read Virgil's Aeneid in translation. Students translate selections from the Aeneid and from Ovid's Metamorphoses from Latin into English. The objective is progress in reading, translating, understanding, analyzing, and interpreting Latin in the original. Students learn literary techniques and gain an understanding of each poet's style. Students learn to scan epic and elegiac meter. Students continue their study of Latin grammar, vocabulary, Roman history, and culture. All Latin students are members of the Junior Classical League.

**\*As a fourth level course of study, this course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB LATIN. The fees are due by November 1 and are nonrefundable after November 1.**

## SPANISH

### SPANISH I

CREDITS: 1

OPEN TO: GRADES 9 - 12

This course is an introduction to the culture and the basic structural elements of the language of the Spanish-speaking world. It provides a blend of understanding culture, reading,

writing, speaking, and listening activities in Spanish. Pronunciation is emphasized in order to approximate the accent of a native speaker. Students complete internationally based projects focused on Spanish in the U. S., Latin America and Spain. In addition, they will use recordings of native speakers, CDs, Internet, videos, songs, podcasts, foreign radio stations, etc. Students begin a binder with a personal dictionary and grammar journal that they will keep throughout their language experience at this school. It is an assessment tool. Students learn the present tense and the first past tense. Students in this class take the National Spanish Exam.

## SPANISH II

CREDITS: 1

OPEN TO: GRADES 9 - 12

PREREQUISITE: SPANISH I

This course is a continuation of study of Spanish grammar and culture on a high novice-intermediate level. Spanish II provides a blend of culture, reading, writing, speaking, and listening activities. Students will continue where they left off in Spanish I and learn more verb tenses. Authentic realia is used in class to enhance the student's contact with Spanish (recordings of native speakers, CDs, Internet, videos, songs, magazines, newspapers, etc.). Special projects are required at the discretion of the teacher. Projects count as test grades. Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term and at final exams. Students in this class take the National Spanish Exam.

## HONORS SPANISH II

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: SPANISH I AND TEACHER RECOMMENDATION

Honors Spanish II is an advanced and fast-paced continuation of the study of Spanish grammar and culture at a low-intermediate level. Honors Spanish II provides a blend of culture, reading, writing, listening and speaking activities. Students start where they left off in Spanish I and will learn all the verb tenses. Authentic realia is used in class to enhance the students' contact with Spanish (recordings of native speakers, CDs, Internet, videos, songs, podcasts, foreign radio stations, etc.). Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term and at final exams. Students in this class take the National Spanish Exam and may attend the Language Festival.

## SPANISH III

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: SPANISH II AND TEACHER RECOMMENDATION

This course is a continuation of Spanish I and II. Spanish III is a study of Spanish grammar, culture, and literature on a mid-high intermediate level. The goal is to increase proficiency in understanding of culture, reading, writing, listening, and speaking. Authentic realia is used in class to enhance the student's contact with Spanish (recordings of native speakers, CDs, Internet, videos, songs, podcasts, foreign radio stations, etc.). A project on Spanish or Latin American literature and/or current issues in Spanish-speaking countries is assigned at least once per year. Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term and at final exams. Students in this class take the National Spanish Exam and may attend the Language Festival.

### HONORS SPANISH III

CREDITS: 1

OPEN TO: GRADES 9 - 12

PREREQUISITE: HONORS SPANISH II AND TEACHER RECOMMENDATION

This course is a continuation of Spanish I and Honors Spanish II. Honors Spanish III is a study of Spanish grammar, culture, and literature on a high intermediate level. The goal is to increase proficiency in reading, understanding of culture, writing, listening, and speaking. The first part of the year is a review of Spanish I and Honors Spanish II. Authentic realia is used in class to enhance the student's contact with Spanish (recordings of native speakers, CDs, Internet, videos, songs, podcasts, foreign radio stations, etc.). A project on Spanish or Latin American literature and/or current issues in Spanish-speaking countries is assigned once a year. Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term and at final exams. Students in this class take the National Spanish Exam. Students may attend the Language Festival and must prepare for the International Baccalaureate Language B Standard Level Spanish Exam (or Language B Higher Level Spanish Exam IF they continue and take Spanish Honors 5) to be taken the following year.

### SPANISH IV

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: SPANISH III AND TEACHER RECOMMENDATION

This course is a continuation of Spanish I, II, and III. Spanish IV is a study of a blend of Spanish grammar, culture, and literature at a high intermediate level. The goal is to increase proficiency in understanding of culture, listening, reading, writing, and speaking. Authentic realia is used in class to enhance the student's contact with Spanish (recordings of native speakers, CDs, Internet, videos, songs, podcasts, foreign radio stations, etc.). Special individualized projects are assigned. Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term, and as their last grade for fourth quarter. Spanish IV students must be willing to work independently at times. Students in this class take the National Spanish exam and must attend the Language Festival.

### IB SPANISH IV

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: IB SPANISH III AND TEACHER RECOMMENDATION

This course is a continuation of Spanish I, II, and IB Spanish III. IB Spanish IV is a study of a blend of Spanish grammar, understanding of culture, and literature at a pre-advanced level. The goal is to increase proficiency in understanding of culture, listening, reading, writing, and speaking. The first part of the year is a review of Spanish I, II, and IB Spanish III. Authentic realia is used in class to enhance the student's contact with Spanish (recordings of native speakers, CDs, Internet, videos, songs, podcasts, foreign radio stations, etc.). Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term and as their last grade for fourth quarter. Spanish IV students must be willing to work independently at times. Students take the National Spanish Exam and must attend the Language Festival. IB students prepare for the International Baccalaureate Language B Standard Level Spanish Exam or prepare for the Language B Higher Level Spanish Exam upon completion of Honors Spanish V.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB SPANISH B. The fees are nonrefundable after November 1.**

HONORS SPANISH V

CREDITS: 1

OPEN TO: GRADES 10 - 12

PREREQUISITE: IB SPANISH IV, RECOMMENDATION OF TEACHER

Spanish V is a continuation of Spanish I, II, III, and IV. Spanish V students must work independently, contracting weekly work as they are often added to another Spanish class and must share the teacher's time. Students continue adding to their binder in their personal dictionary and grammar journal. It is an assessment tool and is evaluated at mid-term and as their last grade for fourth quarter. Students take the National Spanish Exam and may attend the Language Festival. Students finish preparations to take the Language B Higher Level Spanish Exam.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB SPANISH B. The fees are nonrefundable after November 1.**

# MATH DEPARTMENT

## ALGEBRA I

CREDITS: 1

OPEN TO: GRADE 9

PREREQUISITE: NONE

Algebra I approaches the study of algebra through functions and their applications. Topics covered include: fundamentals of algebra; solving linear, absolute value and quadratic equations in one variable; graphing linear, absolute value, and quadratic equations in two variables; simple and compound linear inequalities and absolute value inequalities in one and two variables; systems of linear equations; laws of powers and exponents; polynomials and factoring; rational expressions and equations; radical expressions and equations; and modeling and real life problem solving. A TI-Nspire (not CAS model) graphing calculator is required.

## HONORS MATH I

CREDITS: 1

OPEN TO: GRADE 9

PREREQUISITE: TEACHER RECOMMENDATION

Honors Math I is the first of a two-year accelerated course which covers Algebra I, Geometry, Algebra II and additional topics required for the International Baccalaureate Math Higher Level course. This course includes: linear and quadratic equations, graphing, polynomials, first and second degree inequalities, systems of linear and quadratic equations, equations involving radicals, problem solving, and mathematical modeling. The study of geometry includes: fundamental terms, angles, parallel and perpendicular lines, triangles, polygons, special quadrilaterals, congruent and similar figures, transformations, right triangles, Pythagorean Theorem, coordinate geometry, area, volume, circles, and basic trigonometry. Basic statistical calculations such as mean, median, and mode are covered, and basic probability of independent and dependent events is investigated. International notation is used where appropriate. A TI-Nspire (not CAS model) graphing calculator is required.

## CONCEPTS OF GEOMETRY

CREDITS: 1

OPEN TO: GRADES 10

PREREQUISITE: ALGEBRA I AND TEACHER RECOMMENDATION

Concepts of Geometry explores the properties of two- and three- dimensional figures without formal proofs. Topics covered include points, lines, planes, angles, parallel and perpendicular lines, triangles, polygons, special quadrilaterals, congruent and similar figures, circles, transformations, right triangles, Pythagorean Theorem, coordinate geometry, basic trigonometry, congruent and similar figures, special quadrilaterals, circles, area of plane figures, and volume and surface area of solid figures. A TI-Nspire (not CAS model) graphing calculator is required.

## GEOMETRY

CREDITS: 1

OPEN TO: GRADES 9-11

PREREQUISITE: ALGEBRA 1

Geometry explores the properties of two- and three- dimensional figures including formal proofs. Topics covered include points, lines, planes, angles, parallel and perpendicular lines,

triangles, polygons, special quadrilaterals, congruent and similar figures, circles, transformations, right triangles, Pythagorean Theorem, coordinate geometry, basic trigonometry, congruent and similar figures, congruent triangle proofs, special quadrilaterals, circles, area of plane figures, and volume and surface area of solid figures. A TI-Nspire (not CAS model) graphing calculator is required.

HONORS MATH II

CREDITS: 1

OPEN TO: GRADES 9-10

PREREQUISITE: HONORS MATH I AND TEACHER RECOMMENDATION

Honors Math II is the second of a two-year accelerated course which covers the remainder of topics which lay the foundation for IB Math Methods. This course includes topics from Geometry and Algebra II/Trigonometry. The topics to be covered in geometry include: circles, areas of plane figures, and volumes and surface areas of regular figures. The topics to be covered in Algebra II/Trigonometry include: analytical geometry, systems of linear equations and inequalities, matrices, and determinants, quadratic equations, complex numbers, elementary and compound functions, powers, roots, and radicals, exponential and logarithmic functions, polynomial functions, rational functions, conic sections, elementary sequences and series, a brief overview of trigonometry, modeling, real-life problems, and data analysis. Throughout this course international terminology and notation is introduced and used. A TI-Nspire (not CAS model) graphing calculator is required.

ALGEBRA II/TRIGONOMETRY

CREDITS: 1

OPEN TO: GRADES 10-11

PREREQUISITE: GEOMETRY

Algebra II/ Trigonometry is a comprehensive course which builds on Algebra I and Geometry. The study of Algebra II/Trigonometry includes: a review of basic algebra, analytical geometry, systems of linear equations and inequalities, matrices and determinants, quadratic functions, complex numbers, elementary and compound functions, radical functions, exponential and logarithmic functions, polynomial functions, rational functions, conic sections, elementary sequences and series, trigonometric functions and their graphs, modeling application word problems, probability, basic statistics, and sequences and series. A TI-Nspire (not CAS model) graphing calculator is required.

ALGEBRA III/TRIGONOMETRY

CREDITS: 1

OPEN TO: GRADES 11-12

PREREQUISITE: ALGEBRA II AND TEACHER RECOMMENDATION

Algebra III is a comprehensive course enhancing the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase their understanding of algebraic, graphical, and numerical methods to analyze, translate and solve quadratic, polynomial, rational, exponential and logarithmic functions. Modeling real world situation is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situation. Algebra III will also include an introduction to trigonometric functions, right triangles, and oblique triangles. A TI-Nspire (not CAS model) graphing calculator is required.

## IB MATH STUDIES

CREDITS: 1

OPEN TO: GRADES 12

PREREQUISITE: ALGEBRA II/TRIGONOMETRY AND TEACHER RECOMMENDATION

IB Math Studies is a college level math course for above average students that explores concepts from Algebra II, statistics, and introductory differential calculus. The syllabus for the IB Math Studies Standard Level is followed for this course. The topics explored include but are not limited to: sets, probability, functions, geometry, graphing functions including trigonometric, statistics, basic differential calculus and financial math. Students work independently on a project throughout the school year. A TI-84 Plus graphing calculator is required, but a TI-Nspire graphing calculator with TI-84 Plus keypad is recommended.

**\*This course requires payment of an exam fee by the students either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB MATH STUDIES. The fees are nonrefundable after November 1.**

## PRE-CALCULUS

CREDITS: 1

OPEN TO: GRADES 10-12

PREREQUISITE: ALGEBRA II/TRIGONOMETRY AND TEACHER RECOMMENDATION

HONORS MATH II AND TEACHER RECOMMENDATION

Pre-calculus is a comprehensive course expanding upon the higher level thinking skills developed in Algebra II/Trigonometry. Students will have an in-depth study of Polynomial, Rational, Exponential and Logarithmic Functions. This course includes triangle, unit circle, and analytic Trigonometry. Topics also covered are systems of equations, matrices, determinants, sequence and Series, probability and analytic geometry. A TI-84 Plus graphing calculator is required, but a TI-Nspire graphing calculator with TI-84 Plus keypad is recommended.

## IB MATH STANDARD LEVEL I

CREDITS: 1

OPEN TO: GRADE 11 AND 12

PREREQUISITE: HONORS MATH II, PRE-CALCULUS AND TEACHER RECOMMENDATION

IB Math Standard Level I is a college level math course taught at a pace and depth suitable for the above average student. The syllabus for IB Math Standard Level I is followed for this course. Algebra, trigonometry, exponential functions and analytical geometry are briefly reviewed. The topics explored include: differential and integral calculus with their basic applications, more advanced algebra topics including additional discussion of exponential functions, sequences and series, advanced topic of trigonometry, matrices and applications, vectors and their applications, and basic probability and statistics topics. This course in calculus, geometry, statistics and probability is extremely helpful for students planning to major in science, engineering, mathematics or business in college. Students will submit a math portfolio required for IB Math SL. A TI-84 Plus graphing calculator is required, but a TI-Nspire graphing calculator with TI-84 Plus keypad is recommended.

**\*This course requires payment of an exam fee by the students either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB STANDARD LEVEL I. The fees are nonrefundable after November 1.**

IB MATH STANDARD LEVEL II

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: IB MATH STANDARD LEVEL I AND TEACHER

RECOMMENDATION

IB Math Standard Level II is a college math course taught at a pace and depth suitable for the above average student that has completed IB Math Standard Level I. The syllabus for IB Mathematics Standard Level is followed for this course. The second year will be an expansion of all topics taught in the first year of this course including an in-depth discovery into differential and integral calculus with their basic functions and probability and statistics. This course in calculus, geometry, statistics and probability is extremely helpful for students planning to major in science, engineering, mathematics, or business in college. Students will submit a math portfolio required for IB Math Standard Level. Students are required to take the IB Mathematics Standard Level Exam. A TI-84 Plus graphing calculator is required, but a TI-Nspire graphing calculator with TI-84 Plus keypad is recommended.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for the certificate in IB MATH STANDARD LEVEL. The fees are due by November 1 and are nonrefundable after November 1.**

# PHYSICAL EDUCATION/HEALTH EDUCATION DEPARTMENT

## HEALTH EDUCATION

CREDITS: 1/2

OPEN TO: GRADES 9 - 12

This course is open to all students, but designed primarily for freshmen and sophomores. Topics covered include units on health and wellness, fitness and healthy diet, nutrition, eating disorders, digestive system, muscles and bones, chronic and infectious diseases, and substance abuse.

## PHYSICAL EDUCATION

CREDITS: 1/2

OPEN TO: GRADES 9 - 12

This course is open to all students, but designed primarily for freshmen and sophomores. The emphasis of this course is on fundamental skills in team sports moving toward an emphasis on individual sports for life. Activities include basketball, volleyball, soccer, softball, etc.

## PHYSICAL EDUCATION/HEALTH BASKETBALL

CREDITS: 1

OPEN TO: 9<sup>th</sup> GRADE BASKETBALL PLAYERS

REQUIRED: FRESHMEN BASKETBALL TEAM

Fundamental skills in team sports as well as preparing for the basketball season are the focuses of this course. In addition, all relevant health topics as outlined in Health Education are covered.

## CONTEMPORARY HEALTH ISSUES

CREDITS: 1/2

OPEN TO: GRADES 11 - 12

This course will fulfill the graduation requirement or may be taken as an elective. Topics included are mental health and wellness, drugs as medicines, self defense and rape prevention, stress management, consumer health issues, professional health organizations, fitness, first aid/CPR certification and major adult health issues. Activities include guest speakers and in-class field trips.\*

## RECREATION FOR LIFE

CREDITS: 1/2

OPEN TO: GRADES 11 - 12

This course is designed to fulfill the requirements for graduation or may be taken as an elective. The main objective of this course is to stress the importance of lifetime physical fitness and to introduce primarily individual activities in which students can participate during their leisure time. Included in the syllabus is a unit on spectator sports (football), tennis, golf, aerobics and fitness and a unit on leisure sports which includes badminton, bowling, pickleball, shuffleboard and table tennis. In-class fields will be taken to a driving range and a bowling alley.\*

\*Since these classes are semester classes and some students are in the PE and some are in for Health credits, I alternate between units. Therefore some students in this class may miss some of the activities listed if they only take one semester of the course.

# SCIENCE DEPARTMENT

## PHYSICAL SCIENCE SURVEY

CREDITS: 1

OPEN TO: GRADE 9

Physical Science Survey is designed as preparatory instruction to help students achieve diverse knowledge in the concepts of chemistry, organic chemistry, and physics. Students gain a thorough understanding of physical science concepts and are able to apply those concepts to the explanation and resolution of problems in the lab or classroom setting. Key components of this class include lab safety, microscopy, physical and chemical properties of matter, and in-depth study of forces and motion. Problem-based and cooperative learning are emphasized through group projects with an emphasis on scientific method. An independent research project is required of students in this course.

## BIOLOGY

CREDITS: 1

OPEN TO: GRADE 10

This course is designed to teach students that science can be meaningful to their present interests and future goals and to arouse the curiosity of students about themselves and their environment. Students are expected to gain a thorough understanding of biological concepts and be able to apply those concepts to the explanation and resolution of various problems and situations present in today's world. Topics of study include scientific method, cell biology, genetics, classification, microbiology, plants, animals, and ecology. Laboratory time is spent in developing laboratory safety and basic microscope skills and fundamental laboratory techniques used in biology. An independent research project is required of students in this course.

## HONORS BIOLOGY

CREDITS: 1

OPEN TO: GRADE 9 WITH STRONG TEST SCORES AND ACADEMIC RECORDS  
AND GRADE 10 WITH RECOMMENDATION FROM PHYSICAL SCIENCE TEACHER

This course is designed for the task-committed, self-motivated student with above average interest and ability in science and problem solving. It emphasizes unifying themes in Biology. It is designed to expand the range and depth of the following topics: molecular and cell biology, bioenergetics, heredity, classification, and diversity (organisms and populations), biological change through time, and ecology. Laboratory investigations are an integral part of this course. An independent research project is required of students in this course.

## CHEMISTRY

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: PHYSICAL SCIENCE, BIOLOGY

This course studies unit analysis, measurement, scientific measurements, accuracy and significant digits as building blocks for future problems and laboratories. Atomic structure, chemical formula, and chemical equations are investigated. Stoichiometry calculations, limiting reactants, Stoichiometry of solution, molality, and normality are studied. Solutions and their properties, gases and their properties and chemical reactions are analyzed. Acid-base titration and pH are investigated. Compounds of carbon are examined. This class

spends a minimum of 20% of its class time in the laboratory, and many class demonstrations are performed for the visual learners.

### HONORS CHEMISTRY

CREDITS: 1

OPEN TO: GRADE 10 WHO HAVE TAKEN HONORS BIOLOGY, HONORS MATH I, AND WITH TEACHER RECOMMENDATION AND GRADE 11 WHO HAVE TAKEN PHYSICAL SCIENCE, BIOLOGY AND WITH SCIENCE TEACHER RECOMMENDATION

This course is the first course in chemistry for those students planning to take International Baccalaureate. This course studies unit analysis, measurement, scientific measurements, accuracy and significant digits as building blocks for future problems and laboratories. Atomic structure, chemical formula, and chemical equations are investigated. Stoichiometry calculations, limiting reactants, stoichiometry of solution, molality, and normality are studied. Solutions and their properties, gases and their properties and chemical reactions are analyzed. Acid-base titration and pH are investigated. Chemical reactions, kinetic and dynamic equilibria and oxidation-reduction reactions are studied. Compounds of carbon are examined. This class spends a minimum of 20% of its class time in the laboratory and many class demonstrations are performed for the visual learners. The course uses the same textbook as standard chemistry but covers more topics quickly and in more detail.

### ANATOMY AND PHYSIOLOGY

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: BIOLOGY AND TEACHER RECOMMENDATION

This course is designed for students interested in a medical career. Anatomy and physiology consists of a comparative study of cells and centers on a detailed study of the anatomy and physiology of the human body. Laboratory investigations are an integral part of this course and consist of working with microscopes and dissections.

### IB BIOLOGY II

CREDIT: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: HONORS BIOLOGY AND HONORS CHEMISTRY OR TEACHER RECOMMENDATION

International Baccalaureate Biology II is a one year course which builds upon the scientific and biological foundation established in Honors Biology. This course prepares the IB Biology student for the IB Biology Standard Level exam, or is the first of a two-year course which prepares the student for the IB Biology Higher Level exam. The course is designed to enable the student to develop a conceptual framework for modern biology emphasizing its unifying themes: structure and function, universality versus diversity, equilibrium within systems, and evolution. Study includes historical, sociological, ethical, and technological context of biology, particularly in light of global implications of scientific development. The course content includes three broad areas of study -- (1) molecules and cells, (2) heredity and evolution, and (3) organisms and population -- with heavy emphasis on developing research, experimentation, writing, and analytical skills. Instruction includes a combination of lecture, reading, research, and involves 40 hours of documented laboratory work. Assessment is based upon a combination of teacher determined quizzes, tests, and reports as well as internal and external assessment as designed by the International Baccalaureate Organization. The IB Group 4 Project is completed in this course.

**\*As a Standard Level course of study, this course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB BIOLOGY. The fees are due by November 1 and are nonrefundable after November 1.**

IB BIOLOGY III\*

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: IB BIOLOGY II

International Baccalaureate Biology III is the second year course of the two year IB Biology Higher Level course. The course is designed to enable the student to continue to develop a conceptual framework for modern biology emphasizing its unifying themes: structure and function, universality versus diversity, equilibrium within systems, and evolution. Study includes historical, sociological, ethical, and technological context of biology, particularly in light of global implications of scientific development. The course content includes three broad areas of study -- (1) molecules and cells, (2) heredity and evolution, and (3) organisms and population --with heavy emphasis on developing research, experimentation, writing, and analytical skills. Instruction includes a combination of lecture, reading, research, development of a student portfolio, and involves 60 hours of documented laboratory work. Assessment is based upon a combination of teacher determined quizzes, tests, and reports as well as internal and external assessment as designed by the International Baccalaureate Organization.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB BIOLOGY. The fees are due by November 1 and are nonrefundable after November 1.**

IB CHEMISTRY II \*

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: HONORS BIOLOGY AND HONORS CHEMISTRY OR TEACHER RECOMMENDATION

International Baccalaureate Chemistry II is a one year course which builds upon the scientific and chemical foundation established in Honors Chemistry. This course prepares the IB Chemistry student for the IB Chemistry Standard Level exam or is the first of a two-year course which prepares the student for the Higher Level Chemistry exam. Chemistry is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is designed to enable the student to continue to develop a conceptual framework for modern chemistry emphasizing its unifying themes: atomic theory, Stoichiometry, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, organic chemistry, and biochemistry. Problem solving and experimentation is emphasized. The Group 4 Project is completed in this course. Assessment is based upon a combination of teacher determined quizzes, tests, and reports as well as internal and external assessment as designated by the International Baccalaureate Organization. A strong math background is recommended.

**\*As a Standard Level course of study, this course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB CHEMISTRY. The fees are due by November 1 and are nonrefundable after November 1.**

IB CHEMISTRY III\*

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: IB CHEMISTRY II

International Baccalaureate Chemistry III the second year of a two-year course designed to prepare the student at IB Chemistry Higher Level and builds upon the scientific and chemical foundation established in Honors Chemistry and IB Chemistry II. Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is designed to enable the student to continue to develop a conceptual framework for modern chemistry emphasizing its unifying themes: atomic theory, Stoichiometry, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, organic chemistry and optional chemistry topics. Problem solving and experimentation is emphasized. This course is equivalent to a first year college chemistry course. Assessment is based upon a combination of teacher determined quizzes, tests, and reports as well as internal and external assessment as designated by the International Baccalaureate Organization. A strong math background is highly recommended.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB CHEMISTRY HIGHER LEVEL. The fees are due by November 1 and are nonrefundable after November 1.**

HONORS PHYSICS

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: ALGEBRA II/TRIGONOMETRY OR HONORS MATH II AND  
TEACHER RECOMMENDATION

Honors Physics is designed as an introductory course in physics. Concepts in mechanics, thermodynamics, optics, electricity and magnetism, and modern physics are studied. A minimum of 20% of class time is spent in the laboratory. A TI-84 calculator is required for this course.

# SOCIAL STUDIES DEPARTMENT

## CIVICS

CREDITS: 1/2

OPEN TO: GRADE 9

Civics is a one-semester course designed to introduce students to the fundamentals of American government and the major divisions within our government. Students learn why government and politics are necessary, the essential characteristics of limited and unlimited government, the nature and purpose of the U.S. Constitution, the values and principles basic to American constitutional democracy, how power and responsibility are distributed, shared, and limited in the United States, and how the U.S. government is organized and what it does. Students learn how citizenship is applied in everyday situations and how to get involved in the democratic process. They observe the development of important constitutional issues from a young person's perspective.

## GLOBAL REGIONS

CREDITS: 1/2

OPEN TO: GRADE 9

Global Regions is a one-semester course designed to introduce students to geography using five themes: location, place, interaction, movement and region. These themes provide an organized focus for geographic study and are tools that students use to analyze a place, to answer the where, why and how questions that constitute geography. Students are guided through seven regional units. In each regional unit, students learn about the region's geography, history and traditions, economics and daily life, arts and literature, as well as the role of the region in the world today.

## AMERICAN HISTORY

CREDITS: 1

OPEN TO: GRADE 10

American History is designed to provide students with a broad knowledge base of American history from revolutionary to modern times. Students engage in thematic analysis to provide them with appropriate context for understanding factual content. Using critical thinking skills, students identify central issues, make comparisons, determine relevance, recognize cause and effect, formulate questions, and draw conclusions.

## HONORS AMERICAN HISTORY 10

CREDITS: 1

OPEN TO: GRADE 10

PREREQUISITE: CIVICS/GLOBAL REGIONS 9, TEACHER RECOMMENDATION

Honors American History is designed to provide students with a broad knowledge base of American history from revolutionary to modern times. Certain events in Western civilization and the impact on American history from a global perspective are also covered. Students engage in thematic analysis to provide them with appropriate context for understanding factual content. Using critical thinking skills students identify central issues, make comparisons, determine relevance, recognize cause and effect, formulate questions, and draw conclusions. **This course is designed to prepare students for the IB History curriculum.**

## WORLD HISTORY

CREDITS: 1

OPEN TO: GRADES 11 - 12

World History is designed to introduce the students to the events of history from prehistoric times to the present while incorporating current events in order to make the past relevant to the present. Assignments are given which allow students to demonstrate their ability to understand and use maps, to explain how geography and history are linked, to conduct research based on the historical method, and to analyze and interpret charts, tables and primary documents. The focus of the course is on understanding of how events in all cultures are influenced by physical and human geographical factors and how ideas, events, and conditions bring about change which can contribute to conflict or cooperation. Each unit specifically centers on understanding political, social/culture/religious, and economic themes.

## STREET LAW

CREDITS: 1/2

OPEN TO: GRADES 11 - 12

Street Law is a one-semester course designed to give students a practical understanding of law and the legal system. The course is designed to provide students with an understanding of their legal rights and responsibilities, a knowledge of everyday legal problems, and the ability to analyze, evaluate, and resolve legal disputes. The course addresses general problems in the areas of criminal and juvenile justice; torts, housing law and consumer law.

## PSYCHOLOGY

CREDITS: 1/2

OPEN TO: GRADES 11 - 12

Psychology is designed to introduce students to the basic principles of psychology, the five major theoretical approaches (behavioral, cognitive, humanistic/phenomenological, biological and psychodynamic) used to study behavior. The various methods of inquiry with the ethical standards inherent to psychological investigation are also studied. The major topics of study include biological processes, sensations/perceptions and altered states of consciousness, learning, memory and intelligence, motivation, emotion, stress and conflict, development, personality theories, and dysfunctional behaviors. Relevant and practical applications to everyday life and the social issues society faces are addressed as well as possible careers in the field of psychology.

## INTERNATIONAL RELATIONS

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: AMERICAN HISTORY

International Relations is designed to study international relations through international politics and diplomacy. The study of modern world governments and ideologies, and perspectives of the major cultural and political groups are covered. Students examine current world history through regular attention to newscasts and newspapers. The course is designed to inform students of current world affairs but especially to see and understand the perspectives of other people and cultures.

## IB PSYCHOLOGY\*

CREDITS: 1

OPEN TO: GRADES 11 - 12

PREREQUISITE: TEACHER RECOMMENDATION

International Baccalaureate Psychology is designed to introduce students to the general scope of psychology and to foster a greater appreciation for this discipline/field. Students will

engage in an in-depth study of human behavior and mental processes through the various theoretical approaches. After examining the three specified perspectives of Behavioral, Cognitive, and Biological, students will be able to relate the development of these perspectives to their historical and cultural context, compare and evaluate the theoretical assumptions on which these are based, and describe the methods of inquiry of each. In addition to this, students will also study Dysfunctional Behavior which is one of the eight optional topics required by the IB Program. This course will also introduce students to diverse methods used in psychological research and the ethical practices and responsibilities required through an experimental study. Finally, the purpose of this course is directed toward preparing students for further study in college and exposing them to the possible career opportunities.

**\*The IB course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB PSYCHOLOGY. The fees are due by November 1 and are nonrefundable after November 1.**

IB EUROPEAN HISTORY (1750 -1900)

CREDITS: 1

OPEN TO: GRADE 11

PREREQUISITE: CIVICS, GLOBAL REGIONS, AMERICAN HISTORY, AND TEACHER RECOMMENDATION

International Baccalaureate European History is the first course of a two-year course sequence. It is an in-depth examination of major issues and events in European history from approximately 1750 to 1900. Political, social, economic, cultural, technological, and religious dimensions are discussed while students examine such topics as the Enlightenment and the French Revolution; the economic advances of the Industrial Revolution; the emergence of modern society; the rise of the nation state; ideologies like nationalism and socialism; scientific discovery and technological innovation. Particular attention in this course is given to equipping students with the analytical tools and skills needed to interpret original documents according to different perspectives and to conduct their own historical investigation and research on a specific topic.

IB 20TH CENTURY HISTORY\*

CREDITS: 1

OPEN TO: GRADE 12

PREREQUISITE: IB EUROPEAN HISTORY AND TEACHER RECOMMENDATION

International Baccalaureate 20th Century History is the second course of a two-year course sequence. It is an in-depth study of the political, social, economic, cultural, technological, and religious dimensions of the history of the world from 1900 to 1995. Though many broad topics are discussed, the main emphasis of study concerns the causes and effects of war, the rise and fall of single party states, and the Cold War. Students use a variety of sources to investigate the events that shaped these times, such as different texts, documents, primary sources, film and video, art, music, and when possible, travel and personal testimony. With such research in hand, the student better appreciates the scope and importance of history, and also the perspectives that characterize the human condition. Students demonstrate their knowledge via essays, papers, debates, project interviews, and presentations.

**\*This course requires payment of an exam fee by the student either as a candidate for the full International Baccalaureate Diploma or as a candidate for a certificate in IB HISTORY. The fees are due by November 1 and are nonrefundable after November 1.**

ECONOMICS

CREDITS: 1/2

OPEN TO: GRADES 10 - 12

Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students will explore the interrelationships among the roles played by consumers, producers, capital, land, and labor as well as the interrelationships among economic, political, and social lives. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on occupational goals and future earnings potential. Economics stresses application, problem-solving, and higher-order thinking skills.

# THEOLOGY DEPARTMENT

MSM theology courses will equip students with the knowledge and understanding to develop their faith in God more deeply as they grow as disciples of Jesus, particularly by studying Scripture and Sacred Tradition. These theology courses will encourage students to respond in loving obedience to God and their faith tradition by making moral decisions, by developing the practices of prayer and personal reflection, and by loving and serving humanity with compassion, mercy, and justice.

## THEOLOGY I: FOUNDATIONS OF FAITH AND HEBREW SCRIPTURE

CREDITS: 1

Freshman theology is designed to foster a deeper understanding of each student's faith and the connections between lived faith and lived values. This course will provide a foundation for student knowledge and understanding of Catholicism and the meaning and importance of their faith and their relationship with God. Through a study of the Hebrew Scriptures, students will better understand their relationship with God as established by the early covenants. This course will encourage students to respond in loving obedience to God by making moral decisions, developing the practice of prayer and personal reflection, and by loving and serving others.

## THEOLOGY II: CHRISTIAN SCRIPTURE AND CHRISTIAN DECISION MAKING

CREDITS: 1

Sophomore Theology is a one year course that studies the Christian Scriptures and how we are called to live out the Word of God. This course will increase student knowledge and understanding of God's revealed word, sharpen their ability to interpret the Scriptures, and understand their relationship with God. It will also encourage students to live out their relationship with God by making moral decisions, developing the practices of prayer and reflection, and by loving and serving humanity with compassion, mercy, and justice.

## THEOLOGY III: CHRISTIANS IN THE MODERN WORLD

CREDITS: 1

This year long course is a service-learning and social justice class. This course will encourage students to explore the world around them. The course will develop the students' knowledge and understanding of their love and faith in God by learning more about their call as Jesus' disciples to love and serve others, and to create a more just world. It will also encourage students to love and bring justice to their neighbors in central Arkansas through their off campus service assignment.

## THEOLOGY IV: ADULT CHRISTIAN DISCIPLESHIP

CREDITS: 1

Senior Theology examines Christian life and discipleship from an adult faith perspective. This capstone course will increase and further develop the knowledge and understanding of the students' faith in God and will provide a foundation for their continued growth as adult Christian disciples living in the 21st century. It will encourage students to respond in loving obedience to God and their faith tradition by giving them practice in making moral decisions; observing and analyzing the conditions and issues of social injustice, and in living out their vocation as adult disciples of Jesus Christ.

WORLD RELIGIONS  
OPEN TO: GRADE 12

CREDITS: 1

This is a one-year senior-level religion course. The historical, social, cultural and geographical features of five different religions will be studied. Possible religions include Hinduism, Buddhism, Sikhism, Judaism, Christianity, Islam, Taoism, Jainism and the Baha'i faith. Each of the five religions (selected by the instructor) will be explored by learning what the religion is, how best to study it, what sources are used and what makes an experience religious. By the end of the course the student will be able to answer the following questions: what is the human condition, where are we going, and how do we get there.

\*This is a pilot course and only one section will be offered.