

Papillion - La Vista



Senior High School

Course Registration Guide

09-10

RIGHT TO SUCCEED PROGRAM

Papillion-La Vista High School believes that in order to be successful in life, everyone must have basic skills in the areas of reading, writing, and speaking. Although these specific courses are offered in our high school curriculum, we want to ensure that they are emphasized and practiced routinely in ALL of our classes. For this reason, we have a "Right To Succeed Program" at the high school, which reinforces these skills in ALL of our content areas. It is our belief that in order to gain competence and maintain it the student must practice these skills constantly throughout his or her school years.

NONDISCRIMINATION STATEMENT

The Papillion-La Vista School district does not discriminate on the basis of race, color, national origin, sex, marital status, age, or handicap in admission or access to, or treatment or employment in, its programs and activities.

If you have any questions or concerns, contact the Assistant Superintendent for Personnel, 420 South Washington Street, Papillion, Nebraska 68046, (telephone number: 537-6206).

CHILD FIND NOTICE

The Papillion-La Vista Public Schools has an ongoing goal of locating and identifying all children, birth through age 21, who have special needs. The district will provide any child or youth who has a disability an appropriate public education at no cost to the parents of the child. Children or youth with disabilities are those who have hearing impairments, vision impairments, behavioral disorders, both deafness and blindness, health impairments, specific learning disabilities, mental disabilities, multiple disabilities, speech and language impairments, physical disabilities, autism or traumatic brain injuries. In addition, children and youth with any disability, which substantially limits a major life activity may receive modifications to allow them access to an appropriate education (Section 504 of the Rehabilitation Act, as amended).

The Papillion-La Vista Public Schools request your help in locating children and youth with disabilities who are eligible to benefit from Special Education. If you know of a child or youth who is a resident of the District, who may have a disability and is not receiving needed services, please contact: George Spilker, Director of Special Services, 420 South Washington Street, Papillion, Nebraska 68046 (phone number: 537-6221). Also, if you know of someone who may need this notice translated to another language, given orally, or delivered in some other manner, please contact the same person.

SCHOOL LUNCH PROGRAM NON-DISCRIMINATION

In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. To file a complaint of discrimination, write to *USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington DC 20250-9410*, or call 800-795-3272 (voice) or (202) 720-6382 (TTY). USDA is an equal opportunity provider and employer.

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GRADUATION REQUIREMENTS

Students must earn a minimum of 45 semester credits to graduate from Papillion-La Vista High School. Students in grades 9 through 11 must enroll in a minimum of six credit classes each semester. Students in grade 12 must enroll in a minimum of five credit classes each semester. It is not uncommon for students to carry more credits when interests and abilities indicate that such a program will be beneficial.

ALL STUDENTS are encouraged to include courses of practical and liberal arts in their selection of elective credits.

Minimum Graduation Requirements Class of 2010:

English	8 Credits	(two semesters English 9 and two semesters English 10 required)
Math	5 Credits	
Science	5 Credits	(two semesters Biology and two semesters Physical Science required)
Social Studies	6 Credits	(2 semesters US History and 2 semesters World Civilizations and 1 semester American Government required)
<u>PE</u>	<u>3 Credits</u>	
TOTAL	45 Credits	

Minimum Graduation Requirements Class of 2011:

English	8 Credits	(two semesters English 9 and two semesters English 10 and two semesters English 11 required)
Math	6 Credits	
Science	5 Credits	(two semesters Biology and two semesters Physical Science required)
Social Studies	6 Credits	(2 semesters US History and 2 semesters World Civilizations and 1 semester American Government required)
<u>PE</u>	<u>3 Credits</u>	
TOTAL	45 Credits	

Minimum Graduation Requirements Classes of 2012 and 2013:

English	8 Credits	(two semesters English 9 and two semesters English 10 and two semesters English 11 required)
Math	6 Credits	(two semesters Algebra I required)
Science	5 Credits	(two semesters Biology and two semesters Physical Science required)
Social Studies	6 Credits	(2 semesters US History and 2 semesters World Civilizations and 1 semester American Government required)
<u>PE</u>	<u>3 Credits</u>	
TOTAL	45 Credits	

All 9th grade students are required to take an English 9, Biology, US History, and a math course.

All 10th grade students are required to take an English 10, Physical Science, World Civilizations, and a math course.

All 11th grade student are required to take an English 11 class.

In this Registration Guide, each course listing includes a "**Prerequisite**" line. Prerequisite is defined as a course that a student must pass before enrolling in a more advanced course. Students may enroll for the course only if they have **taken and passed** the course listed on the prerequisite line.

The able student is encouraged to take as many courses in mathematics, science, foreign language, social studies and English as time will permit. Many students who do outstanding work in high school are credited with this achievement and permitted to take more advanced courses in college.

SCHEDULING PROCEDURES

Students will need to complete the registration form, have a parent/guardian sign the registration form and turn the form into the guidance office. Students will be obligated to take the classes they register for, so please make sure registration forms are accurate.

Schedule Error Corrections

Scheduling concerns can be addressed with a guidance counselor prior to the start of a semester. After the first 10 days of a class, an administrator may approve a drop with a "WF" (withdraw fail), calculated as a 5 for GPA purposes or "WP" (withdraw pass), which does not affect the GPA. "WP" will be limited to special circumstances.

Extenuating circumstances for a "withdraw pass" ("WP") may include special parent request, a Student Assistance Team recommendation, or a student who is identified as misplaced in the curriculum. Whenever possible, teachers will be consulted regarding a class change.

Auditing a Course

A student may audit a course for no credit with teacher, counselor and administrative approval. The course title will appear on the transcript with "AU" for audit and no credit. The decision to audit must be made within the first 10 days of the semester. An audit permission form must be obtained from the guidance office and signed by the student, the teacher, an administrator and a parent and returned in to the guidance office.

WEIGHTING OF GRADES

To reward academic excellence and to encourage capable students to enroll in the more “academically rigorous” courses, Papillion-La Vista High School grade weights honors and advanced placement courses.

Grade Weighted Courses:

Grade of 1 - 5 Mark Points
Grade of 2 - 4 Mark Points
Grade of 3 - 3 Mark Points
Grade of 4 - 2 Mark Points
Grade of 5 - 0 Mark Points

Non-Weighted Courses:

Grade of 1 - 4 Mark Points
Grade of 2 - 3 Mark Points
Grade of 3 - 2 Mark Points
Grade of 4 - 1 Mark Points
Grade of 5 - 0 Mark Points

Weighted Courses

Art

Honors Two Dimensional Design
Honors Studio Art

Business

Honors Accounting II
Honors Information Technology Applications III

English

Honors British Literature/Composition
Honors World Literature/Composition
Advanced Placement Literature/Composition
Advanced Placement Language/Composition
Honors Writing and Speaking
Honors English 9
Honors English 10
Honors English 10-Forensics
Honors English 11

Fine Arts

Advanced Placement Music Theory

Foreign Language

All Level 3 and 4 Foreign Language Classes

Industrial Manufacturing & Engineering Systems

Honors Engineering with AutoCad II
Honors Architecture II: Drafting and Design with AutoCad

Mathematics

Honors Geometry
Honors Algebra II
Honors Pre-Calculus with Trigonometry
Advance Placement Statistics
Advanced Placement Calculus AB & BC

Social Studies

Honors U.S. History
Honors World Civilizations
Honors American Government
Advanced Placement Economics, Macroeconomics
Advanced Placement European History
Advanced Placement Govt & Politics: United States
Advanced Placement Govt & Politics: Comparative
Advanced Placement U.S. History
Advanced Placement Psychology

Science

Honors Biology
Honors Physical Science
Honors Chemistry
Honors Physics
Honors Anatomy/Physiology
Advanced Placement Biology
Advanced Placement Physics B
Advanced Placement Chemistry

Career Academies – Honors Anatomy and Physiology

*Colleges/Universities convert all weighted grades to the non-weighted scale.

Honors Courses (HON): High School courses that are more academically rigorous than other high school courses.

Advanced Placement Program Courses (AP): College-level courses taken while still in high school. Students taking AP courses have the option of earning college credit through the AP exam which requires an extra fee.

ALTERNATIVE CREDIT OPTIONS

EARLY ENTRY/DUAL ENROLLMENT

1. Early entry provides the opportunity for a student to take college courses (beyond the offering of the regular day school program at PLHS) and receive both college and high school credit.
2. Credit awarded on an Early Entry Program may be used toward graduation and as a substitute for required periods of attendance at PLHS day school. PLHS will denote a “P” or “F” (pass/fail) on the high school transcript but a grade will be given at the accredited institution. One semester credit will be awarded per college course completed successfully involving a comparable amount of class time.
3. Students must complete a dual enrollment form and turn it into the Guidance Office prior to taking the class.
4. Students must provide their own transportation, all expenses, and arrange their schedules to permit release time from PLHS for the college classes.
5. The number of courses taken is left to the discretion of the parents, counselors, and administrators.

PAPILLION-LA VISTA NIGHT SCHOOL

The night school program is intended to meet the needs of students unable, for some reason, to attend regular day school classes, or students who are short credits for graduation. Students must have permission of a counselor to enroll. There is a \$50.00 fee for each night school class. Night School courses are graded “P” or “F” (pass/fail).

Summary of University of Nebraska Core Course Requirements

Category	Units	University Wide Requirements
English	4	All units must include intensive reading and writing experience
Mathematics	3	Algebra I, Geometry, and Algebra II (NOTE: UNL requires one additional unit of math building on algebra II.)
Social Studies	3	Units that include 1 unit of American or world history and 1 additional unit of history, American Government, or geography
Natural Sciences	3	At least 2 units selected from biology, chemistry, physics and earth sciences. (One of the above units must include laboratory instruction.)
Foreign Language	2	Both units must be in the same language.
Additional Academic Requirements	1	UNK One unit chosen from any academic discipline UNL Mathematics: One additional unit that builds on a knowledge of algebra II (Trig, Prob/Stats, Pre-Calc, Calculus) UNO One unit chosen from any academic discipline
Total Units	16	* Unit = 1 year

Students who are unable to take two years of foreign language in high school may still qualify for admission through a special process. These students will be required to take two semesters of foreign language at the University of Nebraska. These students must also complete 16 units of academic course work from the categories listed above.

NOTE: Other universities may have different requirements.

NCAA Athletic Eligibility

All students planning to enroll in college as a freshman and wanting to participate in Division I or Division II athletics must be certified by the NCAA Eligibility Center (formerly called the NCAA Clearinghouse). The Eligibility Center was established to ensure consistent application of NCAA initial-eligibility requirements for all prospective student athletes at all member institutions. It is the responsibility of the prospective student athlete to make sure the Eligibility Center has the documents it needs to certify his/her eligibility.

<p style="text-align: center;">DIVISION I 16 CORE-COURSE RULE</p> <p>16 Core Courses: 4 years of English. 3 years of mathematics (Algebra I or higher). 2 years of natural/physical science (1 year of lab if offered by high school). 1 year of additional English, mathematics or natural/physical science. 2 years of social science. 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).</p>

<p style="text-align: center;">DIVISION II 14 CORE-COURSE RULE</p> <p>14 Core Courses: 3 years of English. 2 years of mathematics (Algebra I or higher). 2 years of natural/physical science (1 year of lab if offered by high school). 2 years of additional English, mathematics or natural/physical science. 2 years of social science. 3 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).</p>

A student may apply to the NCAA Eligibility Center at any time during his/her high school years. However, it is recommended the student apply prior to taking the ACT or SAT exam. This application may be completed online at www.ncaaclearinghouse.net. Additional information is available at www.ncaa.org. The student must have his/her ACT or SAT scores sent to the NCAA Eligibility Center each time the test is taken. The NCAA Eligibility Center institution code is 9999.

All prospective student-athletes need to work with their guidance counselors and carefully plan their schedules each year to ensure NCAA eligibility. The NCAA eligibility rules and list of acceptable courses often change. It is the responsibility of the student to seek out the necessary information to make course selection decisions.

Business, Marketing, and Information Technology

Course Title: DESKTOP PUBLISHING

Course Number: BU53
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Students will develop skill in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, layout, edit/revise, and print publications including electronically produced newsletters, flyers, brochures, reports, advertising materials and other publications. Students will demonstrate document composition and communication competencies.

Course Title: INFORMATION TECHNOLOGY APPLICATIONS I (Previously Computer Applications I)

Course Number: BU52
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Students will review basic keyboarding skills. Students will demonstrate basic skills in the areas of word processing, spreadsheet applications, database applications, electronic presentation, Internet use, security issues, and electronic communication. Students manage computer operations and file storage, identify ethical issues pertaining to information systems, and learn about information technology careers.

Course Title: INFORMATION TECHNOLOGY APPLICATIONS II (Previously COMPUTER APPLICATIONS II)

Course Number: CP01
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None

Students will develop skills in advanced word processing, database and spreadsheet applications as well as integrating applications using word processing, spreadsheet, database and electronic presentation software. A project-based approach is used through the integration of a variety of applications and the Internet.

Course Title: HONORS INFORMATION TECHNOLOGY APPLICATIONS III (previously Honors Information Processing and Multimedia)

Course Number: CP23
Duration: One Semester/One Credit
Grade: 9-12
Prerequisites: None
NOTE: This is a grade-weighted course.

Students will have the opportunity to work with a variety of software to develop items, such as desktop-published documents, digital media, and podcasts. Students will develop skills in storyboarding, digital video capturing and editing, beginning animation, photo editing and web design. A project-based approach is used through the integration of a variety of digital media.

Course Title: PERSONAL FINANCE

Course Number: BU40
Duration: One Semester/One Credit
Grade: 11-12
Prerequisites: None

A course designed to assist students in personal financial management skills. Students learn to manage their resources and to make sound personal financial decisions. Units of study include budgeting, credit, insurance, saving and investing, home ownership, banking, taxes, wills, and estates.

Course Title: INTRODUCTION TO BUSINESS, MARKETING AND MANAGEMENT

Course Number: BU30
Duration: One Semester/One Credit
Grade: 9-10
Prerequisites: None

This course is designed as an introductory overview of the Business, Marketing and Management Career Field. The course introduces students to finance, marketing, and management. Units of study include scope and function of business and economic systems, forms of business ownership, legal and ethical issues in business and career opportunities in a business administration career.

Course Title: BUSINESS LAW I

Course Number: BU21

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

Business Law I will introduce the student to the basic legal system. Students will develop a better understanding of the U.S. Constitution and its relationship to their rights as minors and as adults. Criminal and Civil Law will be introduced and discussed as will the methods used in court to handle criminal and civil action. Contract Law, the focal point of Business Law, will be presented.

Course Title: BUSINESS LAW II

Course Number: BU22

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: Business Law I

Business Law II is designed to expand upon Contract Law introduced in Business Law I. Debtor-creditor relations, marriage and divorce laws, insurance, wills and intestacy, real and personal property, and landlord-tenant relations will be introduced. Students will take a field trip to the Federal Courthouse and Douglas County Jail and experience behind the scenes information.

Course Title: BUSINESS INTERNSHIP PROGRAM

Course Number: BU01

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Must be taking or have taken any business class.

NOTE: Student must be employed at the start of the semester to earn credit. This course is graded Pass/Fail.

Business Internship Program is on-the-job experience for junior-senior business students. The school and business community work together to plan the type of activities that will enable each student to apply the knowledge, attitudes, and skills learned in the classroom to an actual job. Generally, the students attend during the regular school day and work in the afternoon. One day a week, students will be required to meet in the classroom to discuss various job related topics, hear guest speakers, journal, and turn in pay stubs. Students are required to work a minimum of 10 hours per week or 180 hours each semester. Some types of businesses, which commonly employ students in the program, are insurance companies, banking and other financial institutions, and retail and wholesale distribution outlets. The students earn a regular salary in addition to receiving class credit for the internship experience.

Course Title: MARKETING I

Course Number: BU31

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: None

Marketing I is an introductory course in the study of the foundations and functions of marketing. Basic topics covered are: marketing economics, free enterprise, sales training, human relations, product development, advertising, buying and pricing principles, markets and market identification. Students interested in business, preparing for a college business major or full-time employment will benefit from this course. Students will learn the value of marketing and today's attitudes to succeed in the business environment as a professional. Guest speakers, projects and team activities are included in this course curriculum. Students will have the opportunity to apply computer and related technologies to marketing activities and projects. DECA is an association of marketing students. This youth organization prepares its members to be America's future leaders in the fields of marketing, merchandising, management and entrepreneurship. Any student in a marketing class is eligible to join DECA.

Course Title: MARKETING II

Course Number: BU32

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Marketing I

Marketing II is the second year course in the marketing program and is specifically designed for students interested in entering a marketing or business occupation. This is an excellent course for a college bound marketing or business major, as well as a student preparing for full time employment after high school. Emphasis is placed on the development and improving of attitudes, skills, and understanding related to careers in marketing, merchandising, and management. Marketing areas include the following: human relations (including employer and/or employee customer relations), communications in marketing, fashion marketing, sports and entertainment marketing, marketing research, marketing management and control, and entrepreneurship. All Marketing II students are encouraged to join DECA.

Course Title: MARKETING INTERNSHIP PROGRAM

Course Number: BU33

Duration: Two Semesters/Two Credits

Grade: 11 - 12

Prerequisites: Must be in Marketing I or II

NOTE: Student must be employed at the start of the semester to earn credit. This course is graded Pass/Fail.

Marketing Internship Program is on-the-job experience for junior-senior marketing students. The school and business community work together to plan the type of activities that will enable each student to apply the knowledge, attitudes, and skills learned in the classroom to an actual job. Generally, the students attend during the regular school day and work in the afternoon. One day a week, students will be required to meet in the classroom to discuss various job related topics, hear guest speakers, journal, and turn in pay stubs. Students are required to work a minimum of 10 hours per week or 180 hours each semester. The students earn a regular salary in addition to receiving class credit for the internship experience.

Course Title: ACCOUNTING I

Course Number: BU10

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: None

The first year accounting course is devoted to presenting basic accounting principles. Learning these principles should provide students with the knowledge necessary to expand their study in various business fields such as management, marketing, and accounting. Accounting, which is known as "the language of business", informs the students about the modern business world. It introduces the students to accounting careers, business terminology, and basic record keeping. This course is highly recommended for any student intending to study business in a post-secondary institution or desiring to seek employment in a business related occupation directly out of high school. Accounting I may also help students to develop business and organizational skills that will be beneficial with their own personal finances.

Course Title: HONORS ACCOUNTING II

Course Number: BU11

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Accounting I

NOTE: This is a grade-weighted course.

Honors Accounting II expands on topics introduced in the first-year course while adding new topics about management accounting, corporate accounting, cost accounting, and financial analysis.

Course Title: INTRO TO COMPUTER PROGRAMMING

Course Number: CP20

Duration: One Semester/One Credit

Grade: 9-12

Prerequisite: Algebra I

NOTE: Metro Community College credit may be earned if tuition is paid.

This course provides the beginning programmer with a firm foundation in concepts used in structured and object-oriented computer programming. The course emphasizes the use of mathematical problem solving and logic needed to understand a problem. The student uses printer spacing charts, flowcharts, pseudo code, and algorithms to document logic as a solution to a programming problem. The student uses current programming software to implement the logic as a computer program.

Course Title: VISUAL BASIC

Course Number: CP21

Duration: One Semester/One Credit

Grade: 9-12

Prerequisites: Intro to Computer Programming

NOTE: Metro Community College credit may be earned if tuition is paid.

This course introduces the student to programming the graphical user interface using Visual Basic. Emphasis is placed on gaining an understanding of proper design, placement and coding of the graphical features of the interface. Visual Basic is utilized to develop event driven programs that demonstrate use of simple and array variables, database access, and sequential files.

Communication Arts

Course Title: DEBATE I

Course Number: CA30

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

Debate I introduces students to the fundamentals of policy debate, Lincoln-Douglas debate, public forum debate, and Student Congress simulation. The national debate resolutions will be used in the formation of affirmative and negative cases. Students will be expected to debate both affirmative and negative sides of the resolution in class and in extracurricular competition. Students will learn how to create logical, persuasive arguments in a persuasive speaking environment. They are required to compete once each semester.

Course Title: DEBATE II

Course Number: CA31

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Debate I

Advanced debaters will refine the skills acquired in Debate I and are expected to participate in extracurricular debate at least twice a semester. In addition, advanced debaters will participate in independent collaborative projects, advanced researching activities, and novice mentoring and guidance.

Course Title: DEBATE III

Course Number: CA32

Duration: Two semesters

Grade: 11-12

Prerequisites: Debate II

Debate III will provide the opportunity for advanced debaters to develop techniques that were refined in Debate II through independent research, case preparation, competitive debating, and mentoring of first and second year debaters. Debaters are expected to participate in extracurricular debate at least twice a semester.

Course Title: DEBATE IV

Course Number: CA33

Duration: Two semesters

Grade: 12

Prerequisites: Debate III

Debate IV will provide the opportunity for advanced debaters to develop techniques that were refined in Debate III through independent research, case preparation, competitive debating, and mentoring of first and second year debaters. Debaters are expected to compete in several tournaments and judge at one tournament.

Course Title: FORENSICS

Course Number: CA41

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

Forensics is a course designed for students who wish to continue the study of speech, specifically in the area of competitive speaking. Students will study the following competitive events: oral interpretation of serious prose, oral interpretation of humorous prose, oral interpretation of poetry, duet acting, oral interpretation of drama, extemporaneous speaking, persuasive speaking, informative speaking, and entertainment speaking. Students will be required to participate in two competitions each semester.

Course Title: JOURNALISM I

Course Number: CA60

Duration: One Semester/One Credit

Grade: 9-12

Prerequisites: None

Journalism I is intended to introduce and help the student develop proficiency in news writing, editing, and yearbook publication. The course is also designed to introduce the student to various career opportunities in journalism and related fields. As part of the preparation for writing, the course includes current events, communication, and critical working of the mass media. Journalism I is intended to prepare students to work in the publication class, Journalism II.

Course Title: JOURNALISM II - NEWSPAPER

Course Number: CA61

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Journalism I

Journalism II is primarily a skills application course allowing the students to produce the school newspaper. The staff is divided into actual working units with the goal of producing the publication.

Course Title: JOURNALISM II - YEARBOOK

Course Number: CA62

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Journalism I

Journalism II is primarily a skills application course allowing the students to produce the school yearbook. The staff is divided into actual working units with the goal of producing the publication.

English

Course Title: ENGLISH 9

Course Number: LA09

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

English 9 is a comprehensive course, which focuses on reading, writing, speaking, and research skills. This program is designed to develop these skills for application in senior high classes and general career preparation. Students will read non-fiction, poetry, fiction (including short stories, novels, and a Shakespearean play). Students will enhance vocabulary through various vocabulary strategies. Six Traits of Writing and the writing process will be used to evaluate student writing.

Course Title: HONORS ENGLISH 9

Course Number: LA13

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

NOTE: This is a grade-weighted course.

HON English 9 is designed for students who have shown exceptional progress in English classes. Students will read poetry, fiction, and non-fiction designed to challenge students above and beyond the rigor of a general class. As part of this challenge, students are required to show creative ability in several areas: reading, writing, speaking, and research. Students will be given enrichment activities in addition to what is offered in the general English 9 class. This course is recommended for the college-bound student.

Course Title: ENGLISH 10

Course Number: LA10

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

English 10 develops students' reading, writing, speaking, and research skills. The course is a general language arts survey course that focuses on the processes involved in writing, speaking, and research. Students will enhance vocabulary through various strategies. Six Traits will be used to evaluate and improve writing. Students will continue to read widely and in various genres.

Course Title: ENGLISH 10 - FORENSICS

Course Number: LA40

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

English 10 – Forensics is a general level course with an extra focus on composition, speech communication, and oral interpretation skills. English 10 – Forensics will incorporate all major elements of the English 10 curriculum. Students will have the opportunity to compete at speech tournaments. Students will be required to attend at least one speech contest during the year.

Course Title: HONORS ENGLISH 10

Course Number: LA14

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

NOTE: This is a grade-weighted course.

Honors English 10 is designed to be an advanced language arts survey course, focusing on the development and refinement of reading, writing, speaking, and research skills as outlined in the English 10 course description. Students will continue to read widely in various genres. This course is recommended for college-bound students. Honors English 10 students are required to analyze in writing more frequently.

Course Title: HONORS ENGLISH 10 - FORENSICS

Course Number: LA42

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

NOTE: This is a grade-weighted course.

Honors English 10 – Forensics is designed as an advanced course focusing on the advanced development of composition, speech communication, and oral interpretation skills. Honors English 10 – Forensics will incorporate all major elements of the Honors English 10 curriculum. Students will have the opportunity to compete at speech tournaments. Students will be required to compete in at least one speech contest per semester.

Course Title: ENGLISH 11

Course Number: LA11

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

English 11 is a general language arts survey course of major American writers and their contributions to the development of our literary heritage. It is designed to provide a broad base of instruction in literature, composition, speech, and research for general curriculum students. Pre-selected and individually chosen texts will supplement standard literature. Students will explore various texts and genre, including novels, drama, poetry, short stories, letters, non-print media, and nonfiction selections. This course will examine common themes prevalent in American literature.

Course Title: HONORS ENGLISH 11

Course Number: LA70

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course. Honors English 10 recommended prior to taking this course.

Honors English 11 (American Literature / Composition) is a survey of the major American writers and their contributions to the development of our literary heritage. The course will follow a chronological sequence. The genre of the class literature will include novels, short stories, essays, poetry, letters, drama, non-print media, and non-fiction selections. The course will focus on interdisciplinary links between literary themes and social and cultural issues throughout American history. The course is designed to prepare college-bound students for the types of reading and writing expected in the college classroom. Students will continue to develop skills in reading, writing, speaking, and research using the MLA format.

Course Title: ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

Course Number: LA74

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None (HON English 10 recommended)

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

Advanced Placement (AP) Language and Composition is designed to train students to use rhetorical strategies in order to become skilled writers in a variety of modes and for a variety of purposes. The emphasis in writing will be practiced in composing, critiquing, revising, editing and rewriting. Students will read literary non-fiction

prose written in a variety of periods, disciplines, and contexts to become more aware of the interaction between the purpose, audience, subject, conventions, and resources of language. Students will be introduced to the skills necessary for taking the AP English examination in Language and Composition, which requires an extra fee. Those who choose to take the optional qualifying test and successfully pass it may receive college credit for the work completed; contingent on the college the student chooses to attend. In addition, students may opt to earn university credit by dual enrolling if dual enrollment is offered.

Course Title: ENGLISH 12

Course Number: LA12

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: None

English 12 is a general language arts survey class designed to provide a broad base of instruction in literature, composition, speech, and research. Students will explore various texts and genres, including novels, drama, poetry, short stories, non-print media, and nonfiction selections. This course will examine common themes prevalent in literature from around the world.

Course Title: HONORS BRITISH LITERATURE/COMPOSITION

Course Number: LA71

Duration: Two Semesters/Two Credits

Grade: 12 (may be taken in addition to English 11 in Grade 11)

Prerequisites: None

NOTE: This is a grade-weighted course. Honors English 11 is recommended prior to taking this course.

Honors British Literature/Composition is a survey of major British authors and their works. The course will follow a chronological sequence beginning with the Anglo-Saxon period and ending with modern literature. The types of literature that will be studied will include short stories, essays, poetry, nonfiction, novels, and drama. The course will prepare the college-bound student for the types of writing (including research techniques) and literary analysis expected for success in college. This course will focus on prevalent themes in British literature, linking cultural, social and historical issues to text.

Course Title: HONORS WORLD LITERATURE/COMPOSITION

Course Number: LA72

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: None

NOTE: This is a grade-weighted course. Honors English 11 is recommended prior to taking this course.

Honors World Literature/Composition provides students an opportunity to explore common themes throughout world literature. The course focuses on common threads in British, Greek, French, and Russian literature. Students will experience various genres: the epic, classical drama, the novel, modern drama and non-print media. The literature serves as the focal point for composing various writing assignments, speaking opportunities, research, and collaborative projects. The course will also prepare college-bound students for the types of writing and analysis expected for success in college.

Course Title: ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Course Number: LA73

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisite: None (Honors English 11 or AP Language recommended)

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

Advanced Placement (AP) Literature and Composition is designed to develop skills in the critical reading of imaginative and discursive literature and in writing about literature and related ideas. Literary genres studied will include fiction, poetry, drama, and the creative essay. Students will develop MLA style research skills. Students will be introduced to the skills necessary for taking the Advanced Placement English Examination in Literature and Composition or dual enrolling, both of which require an extra fee. Those who choose to take the optional qualifying test and successfully pass it may receive college credit for the work completed; contingent on the college the student chooses to attend. In addition, students may opt to earn university credit by dual enrolling if dual enrollment is offered.

Course Title: THEMES IN CONTEMPORARY LITERATURE

Course Number: LA52

Duration: One Semester / One Credit or Two Semesters/Two Credits

Grade: 12 (may be taken in addition to English 11 in Grade 11)

Prerequisites: None

This course is designed to give students the opportunity to explore contemporary literature. Students will read modern literary works, including novels, short stories, and other genres. This course emphasizes connecting literature to students' lives and experiences. Students may take either semester or both, as each semester is independent of the other. During first semester, students will read and discuss themes such as friendship, loyalty, betrayal, rights of passage, and life lessons. During second semester students will read and discuss themes such as stereotypes, overcoming adversity, and the disenfranchised. Students will write in various modes using the Six Traits.

Course Title: HONORS WRITING AND SPEAKING

Course Number: LA23

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: Forensics

NOTE: This is a grade-weighted course.

Honors Writing and Speaking is a course designed for the student who wishes to use both writing and speaking skills to become a stronger communicator. Students will research topics, write speeches, perform various speech events, and write evaluations of video taped performances. Students will continue their study of composition through the writing of speeches, evaluations, and a collegiate-level research paper. Students will be required to participate in at least two speech competitions each semester.

Course Title: CREATIVE WRITING I

Course Number: LA20

Duration: One Semester/One Credit

Grade: 12 (may be taken in addition to English 11 in Grade 11)

Prerequisites: None

Creative Writing I is an English elective course designed to introduce students to various forms of creative writing and to familiarize students with the writing workshop process. This course will specifically focus on the writing of short stories and poetry. Students should be prepared to write daily and keep a semester-long journal. In addition, students should be prepared to present and share their writing with their peers, read and constructively comment on the work of others, and submit their work for local and internet publication.

Course Title: CREATIVE WRITING II

Course Number: LA21

Duration: One Semester/One Credit

Grade: 12 (may be taken in addition to English 11 in Grade 11)

Prerequisites: Creative Writing I

Creative Writing II is an English elective course designed to introduce students to various forms of creative writing and to familiarize students with the writing workshop process. This course will specifically focus on writing of memoir and creative non-fiction, and on playwriting. Students should be prepared to write daily and keep a semester-long journal. In addition, students should be prepared to present and share their writing with their peers, read and constructively comment on the work of others, and submit their work for local and internet publication.

Fine Arts

Course Title: INTRODUCTION TO ART

Course Number: FA28

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10.00

Prerequisites: None

Introduction to Art is a beginning level course for the “artistically undiscovered”. This course is perfect for students with little or no previous background. Students will be introduced to a variety of techniques as they explore various themes such as how artists communicate through their art. Some of the projects include camouflage drawing, creating functional objects out of cardboard, and paper mâché. Students will focus on developing an understanding of art principles and will learn how to talk about their own artwork as well as the artwork of others.

Course Title: ART EXPLORATIONS

Course Number: FA10

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10.00

Prerequisites: None

Art Explorations is an introductory course for the “artistically undiscovered”. This course is perfect for students with little or no previous art background. Students will be introduced to a variety of media and techniques. Students are encouraged to experiment with their art making and explore new ideas. Some of the projects in this class are transforming 35 mm slide mounts into mini works of art, and copying parts of famous paintings onto discarded furniture.

Course Title: ART I

Course Number: FA24

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10.00

Prerequisites: None

Art I is a semester class which focuses on basic drawing skills and incorporates other techniques such as painting, printmaking, and paper engineering. Contour and perspective are just two of many techniques introduced in this class, as students are encouraged to explore big ideas like how to express ideas and emotion in their artwork. Students will become familiar with various periods of art as well as famous artists that they will encounter many times during their own lifetime. Students will learn how to talk about their art as well as the artwork of others.

Course Title: ART II

Course Number: FA25

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10.00

Prerequisites: ART I

Art II is a continuation of the skill building and exploration of ideas that were started in Art I. Additional drawing skills will be introduced and incorporated in other media like sculpture, painting, and animation. Students will be introduced to the work of famous artists and various periods in art history. Students explore the ways different cultures value art as well as other universal ideas about art. Sketchbooks will be used as research for the next in-class assignment. This research will include drawing as well as gathering specific reference materials.

Course Title: POTTERY I

Course Number: FA60

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$15.00

Prerequisites: None

Pottery is a one-semester course with an emphasis on quality wheel throwing and advanced hand-building techniques. Specific knowledge of kiln firing, glazing and clay bodies is developed. Students will learn about pottery as functional or “fine” art.

Course Title: POTTERY II

Course Number: FA61

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$15.00

Prerequisites: Pottery I

Pottery II is a one-semester course with emphasis on advanced wheel throwing techniques and upper level hand-building techniques. Glaze recipes and kiln firing will also be further developed. Students will learn historical and multicultural approaches to pottery form and function.

Course Title: POTTERY III

Course Number: FA62

Duration: One Semester/One Credit

Grade: 10-12

Fees: \$15.00

Prerequisites: Pottery II

Pottery III is a one-semester course, in which the student potter will use diverse aesthetic approaches to problem solve how pottery can be functional or "fine" art. Students will specialize in both wheel throwing and hand building techniques. This class is intended for students seeking more detailed and shape oriented outcomes.

Course Title: SCULPTURE

Course Number: FA80

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10.00

Prerequisites: None

Sculpture is a one-semester course which allows students to experiment with sand blocks, wood, wire, plaster-of-paris and clay materials in 3-D. Students will learn how sculpture has an emotional impact on the viewer and how public art creates public issues.

Course Title: GRAPHIC ART I

Course Number: FA29

Duration: One Semester/One Credit

Grade: 10-12

Fees: \$10.00

Prerequisites: Art II

Graphic Art is a one-semester course offering students the opportunity to explore graphic design and illustration. Extensive computer projects will include the use of color scanners and printers. Students will create images to communicate messages to viewers using Adobe Photoshop CS3.

Course Title: GRAPHIC ART II

Course Number: FA16

Duration: One Semester/One Credit

Grade: 10-12

Fees: \$10.00

Prerequisites: Graphic Art I

Graphic Art II is a one-semester course offering students the opportunity to further explore the profession of graphic design and illustration. Students will build on previous Photoshop experience to create images to communicate messages to viewers using Adobe Photoshop CS3. All projects will be completed using current art based software used by Professional design teams. This class is intended to meet the needs of students intending to pursue a career in the art field.

Course Title: PRINTMAKING

Course Number: FA70

Duration: One Semester/One Credit

Grade: 10-12

Fees: \$10.00

Prerequisites: Art I

Printmaking is a one-semester course, which covers transfer, linoleum, wood block, zinc, plastic plate, computer imaging, and silk-screen printing. Students will learn self-expression and new traditions in printmaking.

Course Title: PAINTING

Course Number: FA13

Duration: One Semester/One Credit

Grade: 10-12

Fees: \$15.00

Prerequisites: Art II

Painting is a course designed for more serious art students. Students will be exposed to a variety of painting mediums and be encouraged to try different techniques and prepare different painting surfaces. Students will be exposed to painting styles that are unique to different cultures. They will also explore how artists play a role in passing on traditions and values in a society. Sketchbooks will be used as a research tool for future in-class work. Assignments will include sketches and gathering the resources needed for the student's next painting.

Course Title: HONORS TWO-DIMENSIONAL DESIGN

Course Number: FA26

Duration: Two Semesters/Two Credits

Grade: 10-12

Fees: \$15.00 per semester

Prerequisites: Art II

NOTE: This is a grade-weighted course.

Honors Two Dimensional Design is an advanced art program based on the exploration method of teaching/learning. Students will learn about art relating to self and society. This class is recommended for students who want to explore many different art media or are considering a career in the art field. Projects in the class include oil painting, transparent opaque watercolor, graphics, cartooning, lettering, acrylic and other types of two-dimensional art. Students will also be shown slides to become acquainted with the work of other artists and the history of art. A sketchbook is required for out-of-class work.

Course Title: HONORS STUDIO ART

Course Number: FA27

Duration: Two Semesters/Two Credits

Grade: 11-12

Fees: \$15.00 per semester

Prerequisites: Honors Two-Dimensional Design.

NOTE: This is a grade-weighted course.

Honors Studio Art is designed for the serious art student who is self-motivated and can work independently. Students will seek meaning and solve problems through art. Working on a contract basis, students will set goals, plan, and create art projects to compile a substantial portfolio of artwork to further their art career. This class is recommended for students considering a career in the art field. Projects may include two-dimensional media such as: pencil, charcoal, pastels, ink, watercolor, acrylic, and oil. Three-dimensional work, if desired, may be attempted using such media as: clay, wire, or wood. Students will be shown slides to become acquainted with contemporary artists, famous artists, and various periods of art history. A sketchbook is required for out-of-class work.

Course Title: DRAMA I

Course Number: FA50

Duration: First Semester - One Semester/One

Grade: 9-12

Prerequisites: None

Drama I is offered for students interested in theatre and acting. It is designed to give the student an overview of all aspects of theatre acting, theatre tech, and theatre history. The students will perform in improvised scenes as well as duet memorized scenes.

Course Title: DRAMA II

Course Number: FA51

Duration: One Semester/One Credit

Grade: 9-12

Prerequisites: Drama I

Drama II is designed to provide interested drama students the opportunity to extend their study of acting techniques. The class will perform duet-acting scenes, group scenes, audition scenes, and perform in a one-act. Students will further their introduction to theatre, acting, tech, and theatre history.

Course Title: DRAMA III

Course Number: FA52

Duration: One Semester/One Credit

Grade: 10-12

Prerequisites: Drama II

Drama III is designed to give students the opportunity to study periods and styles of theatre. This course is for students not taking Play Production. Drama III will culminate in an end of semester production.

Course Title: BACKSTAGE THEATRE TECHNOLOGY

Course Number: FA53

Duration: One Semester/One Credit or Two Semesters/Two Credits

Grade: 10-12

Prerequisites: None

The Backstage Theatre Technology class is designed to give students the opportunity to learn specific skills and construction for all productions.

Course Title: PLAY PRODUCTION

Course Number: FA54

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Drama I and a successful audition

Play Production is designed to provide advanced theatre students an opportunity to act and produce on a higher level. The play production students will produce a play for district play production contest as well as a spring production for main stage or elementary. This is a performance-oriented class.

Course Title: MARCHING BAND

Course Number: FA31

Duration: First Semester - One Semester/One Credit

Grade: 10 -12

Fees Required: Purchase of a band shirt, band pants, marching shoes, and an activity ticket

Prerequisites: All students with previous band experience, summer band camp attendance expected.

Marching Band is a semester course open to sophomore, junior, and senior instrumental students who can pass the audition requirements. The Marching Band performs at all home football games and several state and regional marching competitions. After marching season, the band begins concert season with a winter concert held in December. Band students in grades 9-12 are eligible to participate in Monarch Jazz, Game Band, Jazz Combo groups, and as soloists or in small ensembles.

Course Title: SYMPHONIC BAND

Course Number: FA34

Duration: Second Semester - One Semester/One

Grade: 10-12

Fees Required: See Marching Band

Prerequisites: Participation in Marching Band (FA31) first semester, audition with band directors

The Symphonic Band will meet second semester as an auditioned ensemble that performs literature grade 3 to 5. This ensemble will perform in two concerts second semester, Commencement exercises, and at two or more area festivals. Students in Symphonic Band will be encouraged to participate in District Music Contest, Elkhorn Band Olympics, and several state and regional honor bands.

Course Title: FRESHMEN BAND

Course Number: FA35

Duration: Two Semesters/Two Credits

Grade: 9

Fees Required: Purchase of a band shirt, band pants, marching shoes, and an activity ticket

Prerequisites: All students with previous band experience.

The Freshmen Band will consist of 9th grade students only and perform music grade 2 to 4. This band will participate in early morning marching band and then meet separately to work on fundamentals of playing and marching. The Freshmen Band will perform in three concerts and at one area festival. Freshmen Band students will be encouraged to participate at Elkhorn Band Olympics and at honor bands during second semester. Freshmen are eligible to participate in Monarch Jazz, Game Band and Jazz Combo groups.

Course Title: ADVANCED PLACEMENT MUSIC THEORY

Course Number: FA42

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

Advanced Placement Music Theory is a course introducing the experienced music student to musicianship theory, musical materials, and procedures. Rather than performing music, this class deals with the analysis of music through using a knowledge of melody, harmony, texture, rhythm, form, composition, and to some extent, history and style. Musicianship skills such as dictation (listening skills), sight-singing, and keyboard harmony are also an important part of the course. Students who take this course gain college-level skills and have the option of earning college credit through either the AP

exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits.

Course Title: MUSIC CONSUMER

Course Number: FA43

Duration: One Semester/One Credit

Grade: 9-12

Prerequisites: None

Music Consumer is a course to help students become more knowledgeable music consumers. This course will help develop active listening skills and bring music to life with a unique combination of creative tools. The course will present numerous types of music and sound, emphasizing the depth of emotion that can be conveyed. Students will explore a brief history of music and musical concepts through various multimedia tools.

Course Title: MONARCH MEN

Course Number: FA46

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

Monarch Men is the chorus open to all males grades 9-12. Monarch Men is the only chorus option for males in grades 9 and 10. The purpose is to enjoy the power and beauty of the male voice in harmony. Concerts include a fall and Christmas Concert, a winter, and a Spring Concert. The group may participate in District Music Contest in April.

Course Title: SERENDIPITY SINGERS

Course Number: FA45

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

Serendipity Singers is the chorus open to all females, grades 9-12. Serendipity Singers is the only chorus option for females in grades 9 and 10. The purpose is to enjoy the beauty of female voices in harmony and as an outlet for musical expression. Concerts include a fall and a Christmas Concert, a winter, and a Spring Concert. The group may participate in District Music Contest in April.

Course Title: CONCERT CHOIR

Course Number: FA47

Duration: Two Semesters/Two Credits

Grade: 11-12

Fees: An Activity Ticket is required to participate.

Students in the "Free Spirit", "Heart and Soul" and "Ardente Voce" pay for their own costumes.

Prerequisites: A successful audition

The Concert Choir consists of the choir itself, the "Free Spirit" (The swing choir, selected in late spring), "Heart and Soul", and the "Ardente Voce" (also selected in the late spring). The "Free Spirit", "Heart and Soul", and "Ardente Voce" perform at many concerts and for civic groups in the Omaha and Papillion-La Vista area. The Concert Choir performs for a Fall Concert, a Christmas Concert, District Music Contest, and a winter and Spring Concert. A musical will be presented each year. The group may participate in a spring tour.

Foreign Language

Course Title: GERMAN I

Course Number: FL20

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

First year Foreign Language emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where German is spoken. Considerable student involvement is required in classroom activities. The student should plan to spend time outside of class on homework, review, and class preparation.

Course Title: GERMAN II

Course Number: FL21

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: German I

This is a continuation of the first year of Foreign Language study. Oral skills are emphasized and class instruction is in German as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in German. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the peoples and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities and students should expect to spend time outside of class on class preparation, study, and homework.

Course Title: HONORS GERMAN III

Course Number: FL22

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: German II

NOTE: This is a grade-weighted course.

Third year Foreign Language study is a continuation of second year and reviews all grammar basic to first and second year; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and to promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in German. Considerable student involvement is required in classroom activities and students should plan to spend time out-of-class studying and preparing for class.

Course Title: HONORS GERMAN IV

Course Number: FL23

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: Honors German III

NOTE: This is a grade-weighted course.

Fourth year Foreign Language continues to develop the speaking, listening, reading, and writing skills. The emphasis will be on application. Class instruction as well as student participation is in German. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level, or to use their language skills in the workplace.

Course Title: FRENCH I

Course Number: FL10

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

First year Foreign Language emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where French is spoken. Considerable student involvement is required in class activities. The student should plan to spend time outside of class on homework, review and class preparation.

Course Title: FRENCH II

Course Number: FL11

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: French I

This is a continuation of the first year of Foreign Language study. Oral skills are emphasized and class instruction is in French as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in French. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the peoples and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

Course Title: HONORS FRENCH III

Course Number: FL12

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: French II

NOTE: This is a grade-weighted course.

Third year Foreign Language study is a continuation of second year and reviews all grammar basic to first and second year; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and to promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in French. Considerable student involvement is required in classroom activities and students should plan to spend time out of class studying and preparing for class.

Course Title: HONORS FRENCH IV

Course Number: FL13

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: Honors French III

NOTE: This is a grade-weighted course.

Fourth year Foreign Language continues to develop the speaking, listening, reading, and writing skills learned in the first three levels. The emphasis will be on application. Class instruction as well as student participation is in French. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their skills in the workplace.

Course Title: SPANISH I

Course Number: FL40

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

First year Foreign Language emphasizes oral mastery of the basic skills of the language, including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where Spanish is spoken. Considerable student involvement is required in class activities. The student should plan to spend time outside of class on homework, review, and class preparation.

Course Title: SPANISH II

Course Number: FL41

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Spanish I

This is a continuation of the first year of Foreign Language study. Oral skills are emphasized, and class instruction is in Spanish as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in Spanish. Grammar and vocabulary are stressed as new material is presented and the first year is briefly reviewed. A greater understanding and appreciation of the peoples and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

Course Title: HONORS SPANISH III

Course Number: FL42

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Spanish II

NOTE: This is a grade-weighted course.

Third year Foreign Language study is a continuation of second year and reviews all grammar basic to first and second year, however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and to promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in Spanish. Considerable student involvement is required in classroom activities, and students should plan to spend time out of class studying and preparing for class.

Course Title: HONORS SPANISH IV

Course Number: FL43

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: Honors Spanish III

NOTE: This is a grade-weighted course.

Fourth year Foreign Language continues to develop the speaking, listening, reading, and writing skills learned in the first three levels. The emphasis will be on application. Class instruction as well as student participation is in Spanish. By the end of the fourth year of language study, students will be well prepared to continue language study at the college level or to use their skills in the workplace.

Course Title: RUSSIAN I

Course Number: FL30

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

First year Foreign Language emphasizes oral mastery of the basic skills of the language including pronunciation and the ability to apply vocabulary and grammar to elementary conversations. Reading and writing skills are introduced as well as aspects of different cultures and histories of the countries where Russian is spoken. Considerable student involvement is required in class activities. The student should plan to spend time outside of class on homework, review, and class preparation.

Course Title: RUSSIAN II

Course Number: FL31

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Russian I

This is a continuation of the first year of Foreign Language study. Oral skills are emphasized and class instruction is in Russian as often as possible. Reading and writing skills are developed more fully as students begin to express their thoughts in Russian. Grammar and vocabulary are stressed as new material is presented, and the first year is briefly reviewed. A greater understanding and appreciation of the peoples and cultures where the language is spoken is encouraged as more complex aspects are examined. Considerable student involvement is required in all classroom activities, and students should expect to spend time outside of class on class preparation, study, and homework.

Course Title: HONORS RUSSIAN III

Course Number: FL32

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Russian II

NOTE: This is a grade-weighted course.

Third year Foreign Language study is a continuation of second year and reviews all grammar basic to first and second year; however, third year also concentrates on more extensive vocabulary and grammar as well as reading and writing skills. Several works by native authors are read to develop these skills and to promote discussion of the culture that creates this variety of literature. Class instruction as well as student participation is in Russian. Considerable student involvement is required in classroom activities, and students should plan to spend time out of class studying and preparing for class.

Hospitality / Health Science / Human Services

Course Title: NUTRITION AND FOOD I

Course Number: FS60

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$25.00 lab fee

Prerequisites: None

The students will become aware of their food habits and the importance of the six (6) basic nutrients as related to diet and wellness. There will be various lab experiences where the students work together to prepare a variety of foods. The students will more fully understand the major concepts related to foods and nutrition through class activities, food preparation, and experiments conducted with food.

Course Title: NUTRITION AND FOOD II

Course Number: FS61

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$25.00 lab fee

Prerequisites: Nutrition and Food I

The students will gain knowledge and skills about food preparation, with a strong emphasis on nutrition and nutritional analysis, balanced diets, and satisfying special dietary needs. The course includes safety and sanitation, proper use of equipment, meal planning and preparation, current food issues, the role of food in the family and global society and the demonstration of teamwork skills.

Course Title: FOOD SERVICE MANAGEMENT I

Course Number: FS62

Course Length: Two Semesters/Two Credits

Grade Level: 11-12

Prerequisites: Nutrition and Food I / Application

Process, approved by foods teachers before acceptance

Fees: \$50

The Food Service Management I course will help students explore and prepare for careers in the food service and hospitality industry. It includes skill development in commercial food production, management, and service. The curriculum includes the study of foods and nutrition, safety and sanitation standards and commercial food preparation skills. The course meets Nebraska Department of Education standards and national foods industry regulations. The course will include field trips, chef speakers, observations and ServSafe sanitation certification.

Course Title: FOOD SERVICE MANAGEMENT II

Course Number: FS63

Course Length: Two Semesters/Two Credits

Grade Level: 12

Prerequisites: Food Service Management I /

Application process, approved by foods teachers before acceptance

Fees: \$50

The Food Service Management II course is a continuation of the Food Service Management I course helping students explore and prepare for careers in the food service and hospitality industry. Food Service Management II includes history of the foodservice and lodging industry, the art of service, marketing and menu development, purchasing and inventory control, and accounting practices. In the Food Service Management II course, students will continue developing skills in food production and catering and customer service.

Course Title: HEALTH SCIENCE I INTRO TO HEALTH CAREERS

Course Number: FS10

Course Length: One Semester/One Credit

Grade Level: 9-12

Prerequisites: None

This course focuses on developing an awareness of the various health care skill standards needed for employment in health careers. Introduction to Health Careers is designed to give an overview of the therapeutic, diagnostic, support, health informatics, and biotechnology research systems of the health care industry.

Course Title: HEALTH SCIENCE II MODULES

Course Number: FS64

Course Length: One Semester/One Credit

Grade Level: 10-12

Prerequisites: None (Intro to Health Careers recommended)

This class utilizes a high-level multimedia curriculum designed to deliver knowledge and much needed hands-on experiences in a variety of health-related care areas (Dental, Imaging, Diagnostics, Laboratory Procedures, Pathogens and Disease, Pharmacology and others). The class utilizes a variety of equipment, tools and software applications and case studies that stimulate conditions in the workplace and apply to all areas of health careers.

Course Title: HEALTH SCIENCE II MEDICAL TERMINOLOGY

Course Number: FS65

Course Length: One Semester/One Credit

Grade Level: 11-12

Prerequisites: None (Intro to Health Careers recommended)

This class is designed to help students identify, spell and define medical terms related to the diagnoses, pathology and treatment of the major body systems. Students will use this as a basic foundation to all health career pathways. Metro Community College dual enrollment is available (4.5 MCC credit hours). Students must pay the MCC tuition for college credit.

Course Title: HEALTH SCIENCE III CERTIFIED NURSING ASSISTANT

(Metro CC course – MCC tuition required)

Course Number: FS66

Course Length: First semester - Two Periods / Two Credits

Grade Level: 11-12

Prerequisites: Successful completion of at least one of the following: Into to Health Careers, Health Science Modules or Medical Terminology.

The course is designed to meet the Nebraska Health and Human Services System training requirements for nursing assistant certification and employment in long term care facilities. The course combines classroom lecture, laboratory application and clinical experience for development of basic skills needed to care for the elderly. Course content will focus on teaching the nursing assistant to provide safe, effective, and caring services to the elderly or chronically ill patient of any age, in a long term care facility. After successful completion of the state exam and completion of the state application process, the student's name will be placed on the certified nursing aide registry with the Nebraska Department of Health and Human Services Regulation and Licensure, credentialing division. This is a Metro Community College course (6.5 MCC credit hours). Students must pay the MCC tuition.

Course Title: HEALTH SCIENCE III CERTIFIED MEDICATION ASSISTANT

(Metro CC course – MCC tuition required)

Course Number: FS67

Course Length: Second semester - One Period / One Credit

Grade Level: 11-12

Prerequisites: Successful completion of at least one of the following: Into to Health Careers, Health Science Modules or Medical Terminology.

This course is designed to prepare the student to meet the requirements of the Nebraska Medication Aide Act. The course curriculum includes information regarding medication administration, pharmacology,

state rules and regulations, classification of drugs, and documentation of drug administration. The course focuses on the responsibilities of the medication aide in an assisted living facility and/or a skilled care nursing facility. Upon successful completion of this course, the student will be eligible to take the Nebraska state administered written examination. After successful completion of the state exam and completion of the state application process, the student's name will be placed on the certified medication aide registry with the Nebraska Department of Health and Human Services Regulation and Licensure, credentialing division. This is a Metro Community College course (5 MCC credit hours). Students must pay the MCC tuition.

Course Title: HUMAN SERVICES I / HUMAN DEVELOPMENT (formerly Relationships)

Course Number: FS01

Course Length: One Semester/One Credit

Grade Level: 9-12

Prerequisites: None

Human Development is the study of physical, mental, emotional, and social development from infancy through adolescence or the entire life span. The course includes how to develop positive interactions with and guiding the development of each age. Community resources and responsibilities will be explored and related to individual and family needs. Students will also learn about careers related to human relationships and family issues.

Course Title: HUMAN SERVICES II / Early Childhood I (formerly Parenting I)

Course Number: FS50

Course Length: One Semester/One Credit

Grade Level: 9-12

Prerequisites: None

Early Childhood I offers students an opportunity to discover the role of parenting from pregnancy through infancy and to work toward developing parenting skills. Units of study include family structures, pregnancy and prenatal care, the first year of life and preparation for parenthood. Students will learn basic child care techniques and explore the physical, emotional, social, intellectual, and behavioral characteristics of infants. Students will also learn about careers related to early childhood development.

Course Title: HUMAN SERVICES III / Early Childhood II (formerly Parenting II)

Course Number: FS51

Course Length: One Semester/One Credit

Grade Level: 9-12

Prerequisites: Early Childhood I

Early Childhood II focuses on preschool aged children and includes areas such as: creating a learning environment, interacting with children, creating learning activities, health and safety, and nutrition. Students will acquire knowledge of effective parenting skills for toddlers and preschoolers as well as explore the physical, emotional, social, intellectual, and behavioral development of children. Students will also learn about careers related to child development.

Industrial Manufacturing & Engineering Systems

Course Title: HOME MAINTENANCE AND IMPROVEMENT

Course Number: IA40

Duration: One Semester/One Credit

Grade: 9-12

Prerequisite: None

Fees: None

Students will be introduced to the fundamentals of residential buildings. They will study houses and their subsystems in order to obtain a better understanding of their home. Scaled construction projects, home maintenance hands-on activities, and written curriculum will be used to explore the world of residential living. Associated Builders and Contractors material will be used to add a slight emphasis on construction in the course.

Construction safety will be taught throughout each unit. Communication skills and team work will be emphasized.

Course Title: WOODS I - INTRODUCTION TO WOODS

Course Number: IA50

Duration: One Semester/One Credit

Grade: 9-12

Prerequisite: None

Fees: \$15 plus the cost for materials taken home

This course is designed for the beginning woodworker and as the foundation for all other woodworking courses at Papillion-La Vista High School. Upon successful completion of this course the student will have the basic skills needed to enter the more advanced courses offered, or to work safely and efficiently in a home shop situation. The student will learn the correct terms and uses of materials, processes, hand tools, and selected machine tools as well as safe practices needed while he/she develops a product. Beginning with classroom instruction, the class will evolve into lab situations where the students will share in the care and use of the hand tools while exploring the use of the tools and materials, building assigned projects and completing problem-solving experiences. The cost of the materials for the assigned projects is an additional charge to the course fee. These projects will cost approximately \$18. The actual, final cost will be calculated near the end of the semester to be paid by the end of the semester.

Course Title: WOODS II - WOODWORKING PROCESSES

Course Number: IA51

Duration: Two Semesters/Two Credits

Grade: 10-12

Fees: \$15 per semester plus cost for materials taken home

Prerequisites: Woods I

This course is designed as the foundation for machine woodworking and cabinetry. A basic knowledge of casework furniture will be taught in this class. It will give a deeper view into woodworking by introducing cabinetmaking and providing the basics for a career in a woodworking field. Students will review the care and use of hand tools and be introduced to portable power tools and woodworking machines. As the year progresses the students will be introduced to more advanced machines and processes as well as various problem-solving exercises designed to nurture problem-solving skills. Included in the advanced machine processes will be an introduction to the CNC mill, its terms and capabilities through a small end table project. Students will learn about joinery used in furniture construction, making a materials bill, and reading complex working drawings. Students will also be introduced to hardware and its applications and limitations. Class time will be divided between a classroom setting and laboratory work. Students will build a small assigned, introductory project, the end table mentioned above, and then choose a moderately sized furniture project from a short list provided by the instructor. Actual total cost of the year's projects will depend upon the type of wood chosen, but should range between \$ 100 and \$ 150 for all three. A down payment must be paid before starting the furniture project.

Course Title: WOODS III - CABINETRY

Course Number: IA52

Duration: Two Semesters/Two Credits

Grade: 11-12

Fees: \$15 per semester plus cost for materials taken home

Prerequisites: Woods II

This course is designed for the serious woodworking student who is interested in pursuing a career in cabinet making, woodworking, or for anyone who wishes to have the knowledge needed to build fine furniture as a leisure time activity. Students in this class will utilize knowledge gained in the previous two classes plus advanced techniques developed in this class to build a challenging cabinet style project. Students will be working on their own and at their own pace using the instructor as a sounding board for problem solving ideas. Students may make any project they feel capable of making. Size and cost are to be determined by the needs of the student. A down payment must be paid before starting the project. The student may choose plans from an outside source or design their own project. During the year, students will be introduced to MasterCAM design software to produce parts on the CNC mill. Written assignments will be included to strengthen the student's understanding of the processes necessary to successfully complete their project.

Course Title: WOODS IV - FURNITURE DESIGN

Course Number: IA54

Duration: Two Semesters/Two Credits

Grade: 12

Fees: \$15 per semester plus cost for materials taken home

Prerequisites: Woods III

This course is designed for the serious woodworker who is interested in designing furniture. The student is expected to move away from casework cabinetry and concentrate on designing "free form" style of furniture. Function, size and cost of the projects are to be determined by the need of the student. A down payment is needed before beginning the project. The student will research furniture styles and techniques to determine the type of project he or she will build. Using this research the student will write narratives incorporating the information with the methods used while building their project. These papers will include technical writing as well as descriptive writing styles. Students will be responsible for building a multimedia presentation to demonstrate the safe use of a selected machine tool. Also included will be projects designed to nurture problem-solving skills in the students.

Course Title: DESIGN and TECHNOLOGY

Course Number: IA30

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10 for materials used

Prerequisites: None

Design and Technology is an introductory course to technology literacy and basic engineering concepts. The foundation of the class is: designing, developing, and utilizing technological systems. This is accomplished through many open-ended problem-based design activities solved using the engineering design process. Curriculum incorporates many real-world modeled hands-on trainers and equipment, which provide interactive technological experiences. Communication skills and team work will be emphasized throughout the course. Students will also have an opportunity to design, create and control a basic robot. Some basic robotic systems will be introduced.

Course Title: MANUFACTURING AND ENGINEERING

Course Number: IA31

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10 for materials used

Prerequisites: Design and Technology (Tech Ed I)

Manufacturing and Engineering continues to develop the student's ability to use, manage, understand, and assess technology. More complicated open-ended problem-based design activities will be used to increase the student's technological literacy. Electrical, robotic, and pneumatic manufacturing systems are explored. Students will gain a more in depth study of robotics systems. Students will also explore different welding applications with an opportunity to complete many welding labs. Students will be focusing on technology related options that are available after high school. Careers and further education in the area of technology will be explored throughout the course.

Course Title: ROBOTICS ENGINEERING

Course Number: IA32

Duration: One Semester/One Credit

Grade: 10-12

Fees: None

Prerequisites: Must have completed or be enrolled in one of the following courses: Manufacturing and Engineering (Tech Ed II), Engineering Drafting, Physics, Chemistry, or HON Pre-Calculus.

Student will experience an in-depth study of robotics systems using the VEX Robotics System. Students will learn about structure, motion, power, sensors, control, logic and programming systems of a robot while using the engineering problem solving model. This will allow students to design and create robots to perform specific tasks. Students will also have the opportunity to compete against peers to test their knowledge of robotics. Students will also research applications of robotics used around the world to improve the quality of life for people. The students will then present their findings in the form of a multimedia presentation. Critical thinking, flexibility, team work and communication skills will be stressed throughout this course.

Course Title: DRAFTING TECHNOLOGY I

Course Number: IA20

Duration: One Semester/One Credit

Grade: 9-12

Prerequisite: None

Fees: \$10.00 per semester for materials taken home

This is an introductory course that will teach the beginning student the basic skills of drafting (board drawing and computer). This class is a good elective for those interested in any of the following areas: carpentry and building construction, interior design, art, cabinet making and mill work, heating and air conditioning, electronics, engineering, and architecture. Also, the course is designed for the student who just wants to explore drafting.

Course Title: DRAFTING TECHNOLOGY II

Course Number: IA21

Duration: One Semester/One Credit

Grade: 9-12

Fees: \$10.00 per semester for materials taken home

Prerequisites: Drafting Technology I

This course is designed to further develop fundamentals from Drafting Technology I. Students will be introduced to both engineering and architectural drafting and design principles. Students will have the opportunity to utilize the numerous Autodesk® software this program has to offer (AutoCAD®, Architectural Desktop®, Revit®,

Inventor®). Students will participate in activity based projects. Problem solving, critical thinking, and self motivating skills are emphasized.

Course Title: ENGINEERING AND DESIGN WITH AUTO CAD

Course Number: IA23

Duration: Two Semesters/Two Credits

Grade: 10-12

Fees: \$10.00 per semester for materials taken home

Prerequisites: Drafting Technology II

This course is designed to develop problem solving and critical thinking skills while exploring the wide range of engineering fields. Students will learn about various design principles and theories as well as the materials and processes used in engineering by creating sketches, presentation quality drawings, and models using pencil, paper, and various engineering related Autodesk® software (AutoCAD®, Inventor®, and VIZ®). Students will hear from guest speakers, take field trips, and participate in hands-on activity based projects. Examples of class projects include: golf course design, scale bridges, and multiple problem solving projects.

Course Title: HONORS ENGINEERING WITH AUTO CAD II

Course Number: IA22

Duration: Two Semesters/Two Credits

Grade: 11-12

Fees: \$10.00 per semester for materials taken home

Prerequisites: Engineering and Design with Auto Cad

NOTE: This is a grade-weighted course.

This course is designed to further develop problem solving and critical thinking skills while exploring in more depth the wide range of engineering fields as well as prepare students for post-secondary life. Students will continue to explore various design principles and theories as well as the materials and processes used in engineering by creating sketches, presentation quality drawings, and models using pencil, paper, and various engineering related Autodesk® software (AutoCAD®, Inventor®, Civil 3D®, and VIZ®). Students will work on a year long project that works directly with the Peter Kiewit Institute, developing a project that will better help the community. Students will hear from guest speakers, take field trips, and participate in hands-on activity based projects. Problem solving, critical thinking, and self motivating skills are emphasized.

Course Title: ARCHITECTURE I: DRAFTING AND DESIGN WITH AUTO CAD

Course Number: IA10

Duration: Two Semesters/Two Credits

Grade: 10-12

Fees: \$10.00 per semester for materials taken home

Prerequisites: Drafting Technology II

This course is designed to further develop problem solving and critical thinking skills while exploring in more depth the wide range of architecture field as well as prepare students for post-secondary life. Students will continue to explore various design principles and theories as well as the materials and processes used in architecture by creating sketches, presentation quality drawing, and models using pencil, paper, and various architecture related Autodesk® software (AutoCAD®, Revit®, and inventor®). Students will hear from guest speakers, take field trips, and participate in hands-on activity based projects. Problem solving, critical thinking, and self motivating skills are emphasized.

Course Title: HONORS ARCHITECTURE II: DRAFTING AND DESIGN WITH AUTO CAD

Course Number: IA11

Duration: Two Semesters/Two Credits

Grade: 11-12

Fees: \$10.00 per semester for materials taken home

Prerequisites: Architecture I

NOTE: This is a grade-weighted course

This course is designed to develop advanced skills in architectural design and prepare students for post-secondary life. Students will learn various design principles and theories by creating sketches, presentation quality drawings, and models using pencil, paper, and various architecture related AutoDesk® software (AutoCAD®, Architectural Desktop® and Refit®). Students will hear from guest speakers, take field trips, and participate in hands-on activity based projects including the community based M.O.B.A. competition. Students will develop a schedule and bill of materials for their scale home as if it were a real home. Problem solving, critical thinking, and self motivating skills are emphasized.

Mathematics

Course Title: ALGEBRA I

Course Number: MA01

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: None

Algebra I provides the foundation for all subsequent math courses. Algebra I is designed for students intending to pursue a vocational career as well as those who plan to attend a post-secondary school. Students will study topics such as: 1) solving equations and inequalities, 2) graphing, 3) number theory, 4) polynomials and factoring, 5) quadratics, 6) functions, 7) exponents, and 8) radicals.

Course Title: ALGEBRA I (9)

Course Number: MA05

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

Algebra I (9) provides the foundation for all subsequent math courses. Algebra I is designed for students intending to pursue a vocational career as well as those who plan to attend a post-secondary school. Students will study topics such as: 1) solving equations and inequalities, 2) graphing, 3) number theory, 4) polynomials and factoring, 5) quadratics, 6) functions, 7) exponents, and 8) radicals.

Course Title: ALGEBRA I A

Course Number: MA60

Duration: Two Semesters/Two Credits

Grade: 10-11

Prerequisites: None

Algebra I A is designed to meet the needs of the student who will benefit from additional time to study first year algebra. Coupled with Algebra IB, this course will cover the topics of Algebra over a two-year period instead of a two-semester period.

Course Title: ALGEBRA I A (9)

Course Number: MA62

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

Algebra I A(9) is designed to meet the needs of the student who will benefit from additional time to study first year algebra. Coupled with Algebra IB, this course will cover the topics of Algebra over a two-year period instead of a two-semester period.

Course Title: ALGEBRA I B

Course Number: MA61

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Algebra IA

Algebra IB is designed to meet the needs of the student who will benefit from additional time to study first year algebra. Coupled with Algebra IA, this course will cover the topics of Algebra over a two-year period instead of a two-semester period.

Course Title: ALGEBRA I B (9)

Course Number: MA63

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: Algebra IA

Algebra I B(9) is designed to meet the needs of the student who will benefit from additional time to study first year algebra. Coupled with Algebra IA, this course will cover the topics of Algebra over a two-year period instead of a two-semester period.

Course Title: INTEGRATED MATHEMATICS

Course Number: MA17

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Algebra IB

NOTE: This course does NOT satisfy the college requirement of Geometry nor does it qualify as a prerequisite for Algebra II.

Integrated Mathematics emphasizes practical applications in Algebra and Geometry. Formulas, variations, probability, data manipulation and basic trigonometry are some of the topics covered. This course is hands-on and project based. College bound students who complete this course will need to take Geometry as seniors.

Course Title: GEOMETRY

Course Number: MA21

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Algebra I

Geometry will focus on the development of reasoning and problem solving skills, not necessarily mathematical in nature. Topics of study include: 1) review of selected algebraic skills (graphing, radicals, etc.), 2) planar and spatial visualization, 3) inductive and deductive reasoning, 4) proofs, 5) properties of various geometric figures (triangles, quadrilaterals, circles, etc.), and 6) relationships between Algebra and Geometry.

Course Title: HONORS GEOMETRY

Course Number: MA22

Duration: Two Semesters/Two Credits

Grade: 10-11

Prerequisites: Algebra I

NOTE: This is a grade-weighted course.

HON Geometry will focus on the development of reasoning and problem solving skills, not necessarily mathematical in nature. Topics of study include the topics of geometry, however, Honors Geometry places an emphasis on algebra concepts including writing equations of lines, solving systems of equations, solving advanced linear equations, and coordinate problems. For this reason, a strong background in algebra is highly recommended because connections between algebra and geometry are routinely made in this course.

Course Title: HONORS GEOMETRY (9)

Course Number: MA06

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: Algebra I

NOTE: This is a grade-weighted course

It is strongly recommended that students with 3's or 4's in 8th grade Algebra sign up for Algebra 1 (9) in 9th grade. All high school level math classes require a strong foundation of algebra concepts.

HON Geometry (9) will focus on the development of reasoning and problem solving skills, not necessarily mathematical in nature. Topics of study include the topics of geometry, however, Honors Geometry places an emphasis on algebra concepts including writing equations of lines, solving systems of equations, solving advanced linear equations, and coordinate problems. For this reason, a strong background in algebra is highly recommended because connections between algebra and geometry are routinely made in this course.

Course Title: ALGEBRA II

Course Number: MA02

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Geometry

NOTE: This course by itself is NOT adequate preparation for Pre-Calculus.

Algebra II is a second course in Algebra, designed for those students who are planning on post-secondary education in an area of study that does not require an intense mathematics program. Major areas of study include: 1) review of Algebra I concepts, 2) functions (linear, quadratic, polynomial, rational, exponential, and logarithmic), 3) radicals, 4)

conics, 5) irrational numbers, and 6) introductory Trigonometry.

Course Title: HONORS ALGEBRA II**Course Number: MA03**

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: Honors Geometry

NOTE: This is a grade-weighted course. This course is the pre-requisite for Pre-Calculus.

HON Algebra II is a second course in Algebra, designed for those students who are planning on post-secondary education in an area of study that may require advanced courses in mathematics (such as engineering, science, or mathematics). Major areas of study include the topics of Algebra II, but the problems are more in-depth and challenging. In addition, trigonometry and conic sections are studied at a level that will prepare students to take Honors Pre-Calculus.

Course Title: PROBABILITY AND STATISTICS

Course Number: MA30

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: Algebra II or Honors Algebra II

Probability and Statistics is a one-semester course designed to study the basic concepts of Probability and Statistics with preparation for college bound students. This course will include: 1) graphical representations of data, 2) methods of analyzing data, 3) basic rules of probability, 4) distributions of probability, including binomial, Poisson, and hyper geometric, 5) properties of a normal curve and normal distribution, and 6) methods for finding samples of data from a population.

Course Title: TRIGONOMETRY

Course Number: MA31

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: Algebra II or Honors Algebra II

NOTE: Not for students that have successfully completed HON Pre-Calculus.

Trigonometry is a one-semester course designed to study Trigonometry. This course will include: 1) right-triangle trigonometry, 2) trigonometric functions and their graphs, 3) solving trigonometric equations, 4) verifying trigonometric identities, 5) oblique triangles, 6) vectors, and 7) logarithmic and exponential functions.

Course Title: HONORS PRE-CALCULUS WITH TRIGONOMETRY

Course Number: MA40

Duration: Two Semesters / Two Credits

Grade: 11-12

Prerequisites: Honors Algebra II

NOTE: This is a grade-weighted course. Use of a graphing calculator is required. See the instructor for information about models prior to making a purchase.

HON Pre-Calculus is designed to prepare students for Calculus or other college mathematics courses. Major areas of study include: 1) functions (linear, quadratic, polynomial, rational, exponential, logarithmic), 2) Trigonometry, 3) polar coordinates, 4) vectors, 5) analytic Geometry, 6) systems, 7) sequences, 8) introductory Calculus. This course will stress the theory and applications of such topics.

Course Title: ADVANCED PLACEMENT STATISTICS

Course Number: MA32

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Algebra II, Honors Algebra II, or Probability and Statistics. (Juniors should not take this course before Honors Pre-Calculus. Seniors may take this class in conjunction with AP Calculus.)

NOTE: This is a grade-weighted course. This is a freshman college level class. Use of a graphing calculator is required. See the instructor for information about models prior to making a purchase.

AP Statistics is equivalent to a one-semester, introductory, non-calculus based, college course in statistics. Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference. Students may elect to pay to take the optional AP exam in the spring for college credit.

Course Title: ADVANCED PLACEMENT CALCULUS AB

Course Number: MA41

Duration: Two Semesters/Two Credits

Grade: 12

Prerequisites: Honors Pre-Calculus

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details. Use of a graphing calculator is required. See the instructor for information about models prior to making a purchase.

AP Calculus AB is the traditional first course in Calculus. Students will study topics such as: 1) analytic Geometry, 2) limits, 3) differentiation, 4)

maxima and minima, and 5) introduction to integration with applications to area and volume. Use of a graphing calculator is required. Students who take this course gain college-level skills and have the option of earning college credit through either the AP exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits.

Course Title: ADVANCED PLACEMENT CALCULUS BC

Course Number: MA42

Duration: Two semesters/Two credits

Grade: 12

Prerequisites: AP Calculus AB

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details. Use of a graphing calculator is required. See your instructor for information about models prior to making a purchase.

AP Calculus BC reviews the concepts and techniques of Calculus I, then extends the study of calculus to the syllabus of the College Board's Advanced Placement test: Calculus BC. Students may choose to take this course for dual credit in conjunction with a local university. Topics beyond Calculus AB include parametric, polar and vector functions, application of derivatives to parametric, polar and vector functions, integration by parts, simple partial fractions, improper integrals, modeling with differential equations, series, convergence and divergence, Taylor series, power series.

Physical Education

Course Title: CROSS TRAINING WITH CARDIOVASCULAR EMPHASIS

Course Number: PE22

Duration: One Semester/One Credit

Grades: 9-12

Prerequisites: None

Cross Training with Cardiovascular (Aerobic) Emphasis focuses on improving a person's flexibility, cardiovascular endurance and muscular endurance, leading to a healthy lifestyle. This class will allow students to improve their aerobic/anaerobic endurance. It will teach students to develop the five physical fitness components (flexibility, muscular strength and endurance, cardiovascular endurance, and body composition)

Course Title: CROSS TRAINING WITH STRENGTH EMPHASIS

Course Number: PE23

Duration: One Semester/One Credit

Grades: 9-12

Prerequisites: None

Cross Training with Strength Emphasis focuses on improving a person's muscular strength/endurance and cardiovascular endurance, leading to a healthy lifestyle. This class will allow students to improve their muscular strength/endurance. It will teach students to develop the five physical fitness components (flexibility, muscular strength and endurance, cardiovascular endurance, and body composition).

Course Title: BEGINNING WEIGHT TRAINING AND FITNESS

Course Number: PE49

Duration: One Semester/One Credit

Grades: 9-12

Prerequisites: None

The students will be introduced to fundamental weight training concepts and lifts involved in increasing strength and power to improve athletic performance and promote life-time physical fitness. This class will provide the importance of lifting, proper lifting techniques, and safety.

Course Title: INTERMEDIATE WEIGHT TRAINING AND FITNESS

Course Number: PE50

Duration: One Semester/One Credit

Grades: 9-12

Prerequisites: Beginning Weight Training and Fitness

Intermediate Weight Training and Fitness is designed to build on the learning experiences

gained from Beginning Weight Training and Fitness. Students will increase strength and power by focusing on weight training to improve athletic performance and promote life-time physical fitness. This class will allow students to learn and perform activities to gain power, strength, speed, agility, and cardiovascular endurance.

Course Title: ATHLETIC WEIGHT TRAINING AND CONDITIONING

Course Number: PE51

Duration: One Semester/One Credit

Grades: 10-12

Prerequisites: Teacher Permission (Beginning Weight Training and Fitness recommended)

Athletic Weight Training and Conditioning focuses on strength, power, and conditioning associated with improved athletic performance. This class allows athletes to learn and perform lifts and cardiovascular activities that are specific to improvement of athletic performance.

Course Title: LIFETIME ACTIVITIES AND FITNESS

Course Number: PE31

Duration: One Semester/One Credit

Grades: 11-12

Prerequisites: None

NOTE: Limited to one semester for credit.

Lifetime Activities and Fitness is designed to teach basic skills in lifetime leisure activities. Students will learn life style fitness concepts through participating in various activities. The purpose of this course is to introduce students to life time activities and the benefits and impacts they will have throughout their lives.

Course Title: OUTDOOR ACTIVITIES AND FITNESS

Course Number: PE11

Duration: First semester - One Semester/One Credit

Grades: 9-10

Prerequisites: None

NOTE: Limited to one semester for credit.

Outdoor Activities and Fitness is designed to teach basic individual, team, and fitness activities for a healthy lifestyle. This course is offered during first semester and includes mostly outdoor activities such as softball, flag football, tennis, golf, and soccer. This course will introduce students to a variety of individual and team activities they can participate in for life.

Course Title: INDOOR ACTIVITIES AND FITNESS

Course Number: PE12

Duration: Second semester - One Semester/One Credit

Grades: 9-10

Prerequisites: None

NOTE: Limited to one semester for credit.

Indoor Activities and Fitness is designed to teach basic individual, team, and fitness activities for a healthy lifestyle. This course is offered during second semester and includes mostly indoor activities such as basketball, volleyball, badminton, pickleball, swimming, and floor hockey. This course will introduce students to a variety of individual and team activities they can participate in for life.

Course Title: SPORTS OFFICIATING

Course Number: PE61

Duration: One Semester/One Credit

Grades: 11-12

Prerequisites: None

NOTE: Limited to one semester for credit.

Sports Officiating is designed to offer students the coursework and experience necessary to become an official in a variety of major fall sports, including, but not limited to, football, soccer, volleyball, basketball, and softball. Coursework will include classroom activities, field experiences, guest speakers and video lessons. This course will provide students with the opportunity to learn and practice skills necessary to officiate athletic contests. Upon successful completion of this class, students interested in employment may pursue NSAA certification at their own cost.

Course Title: ADAPTIVE PHYSICAL EDUCATION

Course Number: PE40

Duration: One Semester/One Credit

Grades: 9-12

Prerequisites: Teacher Permission

Adaptive P. E. is designed for students who will benefit more from an individualized and developmental physical education program. This may be due to some physical, mental, social, or emotional reason. Individualized learning is made possible through trained student-peer tutors who work with students under the guidance of the instructor. Adaptive P. E. provides the opportunity for students to improve at their own pace. The purpose of Adaptive PE is to prepare students with the knowledge and skills to pursue an active, healthy lifestyle.

Science

Course Title: BIOLOGY

Course Number: SC09

Duration: Two Semesters /Two Credits

Grade: 9

Prerequisites: None

Biology is a general level lab-oriented class designed for students planning to attend college, vocational school, or work. This course will focus on the following topics related to living systems: Ecology, Cells, Heredity, Evolution, and Classification of Life. The broad biological background will help students make informed decisions about the world around them.

Course Title: HONORS BIOLOGY

Course Number: SC10

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

NOTE: This is a grade-weighted course.

Honors Biology is a lab-oriented class that is designed for the college-bound student. This course will follow a rigorous survey of the following topics related to living systems: Ecology, Cells, Heredity, Evolution, and Classification of Life. Students will gain a solid foundation for higher-level life science classes after successfully completing this course. Students should expect to read, write, and critically think in current science applications.

Course Title: PHYSICAL SCIENCE

Course Number: SC60

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

Physical Science is the study of matter and energy and the relationship of each to the other. This class will give students a broad background in both Physics and Chemistry. Physics topics will include motion, force, energy, waves, and electricity. Topics covered in Chemistry are classification of matter, atomic structure, periodic table, and chemical reactions.

Course Title: HONORS PHYSICAL SCIENCE

Course Number: SC61

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

NOTE: This is a grade-weighted course. Highly motivated students may take HON Chemistry **instead of** HON Physical Science – must take HON Physics prior to graduation to meet Physical Science graduation requirement.

Honors Physical Science is the rigorous study of matter and energy and the relationship of each to the other. The difference between Honors Physical Science and Physical Science will be the amount of mathematics used and the depth of the material covered. Topics covered in Chemistry are classification of matter, atomic structure, periodic table, and chemical reactions. Physics topics will include motion, force, energy, waves, and electricity. Additional topics will be included in Honors Physical Science.

Course Title: CHEMISTRY (formerly Chem Science)

Course Number: SC40

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

Chemistry is a lab-oriented course designed for student interested in exploring basic chemistry concepts. The course will cover reactions, metric system, mixture, elements, compounds, periodic table, formulas, bonding, moles, equations, acids, bases, reaction rates, hydrocarbons, applied chemistry, and other topics. Chemistry is a basic chemistry course that utilizes general math concepts and theory.

Course Title: HONORS CHEMISTRY

Course Number: SC11

Duration: Two Semesters/Two Credits

Grade: 11-12 (Highly motivated students may take HON Chemistry **instead of** HON Physical Science – must take HON Physics prior to graduation to meet Physical Science graduation requirement.)

Prerequisites: Geometry (recommend Algebra II)

NOTE: This is a grade-weighted course.

Honors Chemistry is a course designed for the student planning on going on into a scientific, medical, or engineering field. Honors Chemistry differs from Chemistry in that it involves more theory and math and does not cover as many broad topics. At the beginning of the year the theory of chemistry is covered including such topics as the different types of matter, chemical and physical properties and changes, how the electrons are arranged around the atom, the periodic table, and bonding. After the theory is completed, problem-solving applications are covered. Topics include: (1) balancing equations, (2) writing correct formulas of compounds, (3) mass-mass, mass-volume, and volume-volume problems using balanced equations, (4) gas laws, (5) factors affecting the rate of a reaction, (6) acids and bases, (7) oxidation-reduction, (8) thermo-chemistry, and (9) equilibrium.

Course Title: HONORS PHYSICS

Course Number: SC12

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None (Geometry or Honors Geometry recommended)

NOTE: This is a grade-weighted course.

Honors Physics is a college prep course designed to introduce students to the set of physical principles and concepts that govern the world we live in. This course is a problem solving conceptual class, grounded heavily in mathematics and supplemented with labs. This course will benefit all students who wish to better understand physics, especially those planning on entering a field of science, engineering, or medicine. Topics include: motion, force, Newton's Laws, inertia, work, power, energy, momentum, impulse, circular motion, vibrations and waves, rotational equilibrium and dynamics, sound, light and optics, electrostatics, and electricity and magnetism.

Course Title: HONORS ANATOMY/PHYSIOLOGY

Course Number: SC20

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: Biology or Honors Biology

NOTE: This is a grade-weighted course.

Honors Anatomy/Physiology is a laboratory course, which will enable the student to understand the structural and functional relationships of the human body. The student will learn anatomical terminology and are expected to spend time outside of class for projects and study. Dissections are part of the course and will prepare those considering careers in medical and health related fields. Topics cover the form and function of the human body's eleven organ systems.

Course Title: ADVANCED PLACEMENT BIOLOGY

Course Number: SC22

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None (Honors Chemistry recommended)

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year (2 semesters). AP Biology is a course taken by students after the successful completion of a first course in high school biology and one in high school chemistry. The course covers the three major areas of biological study: Molecules and Cells, Heredity and Evolution, & Organisms and Populations. . This is a fast paced course that requires students to work harder than most typical high school courses. Students who take this course gain college-level skills and have the option of earning college credit through either the AP exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits. Students in AP classes should be highly motivated to learn both independently as well as teacher led.

Course Title: ADVANCED PLACEMENT CHEMISTRY

Course Number: SC21

Duration: Two semesters/Two Credits

Grade: 11-12

Prerequisites: None (Honors Chemistry and Algebra II recommended)

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

AP Chemistry is designed to be the equivalent of a college introductory chemistry course. AP Chemistry is a weighted, lab-oriented class that is designed for the college-bound student. This course is designed to expand on the concepts and skills taught in Honors Chemistry. In addition, students will study: molecular orbital theory, crystal structure, equilibrium, kinetics, thermodynamics, and electrochemistry. This is a fast paced course that requires students to work harder than most typical high school courses. Students who take this course gain college-level skills and have the option of earning college credit through the AP exam, which requires an extra fee. Students must check with colleges for their individual policies regarding AP exams. Students in AP classes should be highly motivated to learn both independently as well as teacher led.

Course Title: ADVANCED PLACEMENT PHYSICS B

Course Number: SC23

Duration: Two semesters/Two Credits

Grade: 12

Prerequisites: None (HON Physics is recommended)

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

AP Physics is a full-year non-calculus college survey course that includes a hands-on laboratory component. AP Physics focuses on the concepts as well as mathematical problem solving aspects of physics. This course is designed to expand on the topics covered in Honors Physics and include additional topics not included in Honors Physics. This is a fast paced course that requires students to work harder than most typical high school courses. Students who take this course gain college level skills and have the option of earning college credit through the AP exam, which requires an extra fee. Students must check with colleges for their individual policies regarding AP exams. Students in AP classes should be highly motivated to learn both independently as well as teacher led.

Course Title: PHYSICS

Course Number: SC50

Duration: One semester/One Credit or Two semesters/Two Credits

Grade: 11-12

Prerequisites: None

Physics offers a wide variety of dynamic activities to teach and illustrate the concepts of physics. Students will participate in hand-on activities such as labs and projects. First semester topics include, but are not limited to : measurement, motion, Newton's Laws, Work, Energy, Power, Simple Machines. Second semester topics include, but are not limited to: Heat Transfer, Sound, Light, Optics, Electricity, and Magnetism. Students may take either semester or both semesters of this course. Physics utilizes general math concepts and theories.

Course Title: ASTRONOMY

Course Number: SC30

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

Astronomy provides students with the basic knowledge and concepts of astronomy. This course will include hands-on experience, simulations, Internet work, and out of class observation. Students will study the sun, moon, stars, stellar evolution, and other concepts in modern astronomy.

Course Title: ENVIRONMENTAL SCIENCE

Course Number: SC70

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

Environmental Science will allow the student to develop insights and skills needed to make decisions regarding the environment. The class will provide the student basic knowledge on ecosystems and how they work. In addition, the student will learn how they effect the environment, what they can do to use the environment wisely, and preserve what is left. This course will include hands-on experience, simulations, and outside activities. In the end, the student will learn about the world they live in.

Social Studies

Course Title: U.S. HISTORY

Course Number: SS10

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

This class is designed to introduce the student to the history of the United States from 1890 to the present. The course of study will cover major political, economic, and social experiences from both a domestic and international perspective.

Course Title: HONORS U.S. HISTORY

Course Number: SS11

Duration: Two Semesters/Two Credits

Grade: 9

Prerequisites: None

NOTE: This is a grade-weighted course.

The purpose of this two-semester class will be a chronological study of the key events of people and major historical trends of U.S. History from 1890 to the present. Emphasis will be placed on the 20th Century, including the following topics: Immigration, Industrialization, Imperialism, the Development of American Foreign Policy, the Changing U. S. Economy, and important political and domestic developments of this century.

Course Title: WORLD CIVILIZATIONS

Course Number: SS15

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

This course covers world civilizations from the end of the medieval period to modern times with a review of ancient and medieval times. This course traces ten themes through history: geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science and arts, social relations, and cross-cultural interaction. The following regions will be explored: ancient civilizations in Egypt, China, India, the Mediterranean, ancient Greece and Rome; feudalism in Europe, Japan, Renaissance and Reformation in Europe, Industrial Revolution, building of nation-states, nationalism, imperialism, and revolutions.

Course Title: HONORS WORLD CIVILIZATIONS

Course Number: SS16

Duration: Two Semesters/Two Credits

Grade: 10

Prerequisites: None

NOTE: This is a grade-weighted course.

This course will stress historical inquiry and writing skills. Honors World Civilizations covers world civilizations from the end of the medieval period to modern times with a review of ancient and medieval times. This course traces ten themes through history: geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science and arts, social relations, and cross-cultural interaction. The following regions will be explored: ancient civilizations in Egypt, China, India, the Mediterranean, ancient Greece and Rome; feudalism in Europe, Japan, Renaissance and Reformation in Europe, Industrial Revolution, building of nation-states, nationalism, imperialism, and revolutions.

Course Title: AMERICAN GOVERNMENT

Course Number: SS20

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

The purpose of the class will be to examine the various institutions, which make up the American governmental system. The Constitution and its overriding impact on the American governmental system will be of prime importance. Much attention will also be given to the powers of the President and how they are used to influence governmental policy, the powers of Congress and how they exert them in the lawmaking process, and the powers of the judges, especially in the Supreme Court, in interpreting and applying the law. Other topics covered will be: The Bill of Rights and the early formative years of our government, our system of laws (including criminal, civil, and constitutional law), political parties and beliefs, elections and voter behavior, citizenship, and current events.

Course Title: HONORS AMERICAN GOVERNMENT

Course Number: SS23

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course.

The purpose of this class is to involve the student in the American political process. Not only will the student learn the institutions in the American system, but to appreciate their role in that system. As a result, student participation will be a major element in almost all class activities. In addition to the basic American government institutions, students will examine the role of public opinion, lobbyists, and the part each citizen can play in influencing his or her government. It is also important that students understand that they will need to spend some time outside of class visiting courts, participating in political campaigns and simulations, and visiting local government at work.

Course Title: PSYCHOLOGY

Course Number: SS50

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

The purpose of this course is to focus on the scientific study of human behavior and animal behavior with the goal of assisting the individual to understand, predict, and modify behavior. Students will be able to apply the psychological principles they learn about human and animal behavior in their daily lives. By applying these principles the students will gain a greater understanding of themselves as well as others.

Course Title: SOCIOLOGY

Course Number: SS60

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

The purpose of this course is to study society and human behavior in social settings, or in groups. The focus of the course is that all human experiences are touched and shaped by social forces not always of the individual's making. This includes a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of sociology. Whereas psychology looks at the behavior of the individual, sociology studies the behavior of society in groups from the sociologist's viewpoint of observing, describing, analyzing, and predicting human behavior in social contexts of groups, neighborhoods, cities and whole societies.

Course Title: ISSUES AND GEOGRAPHY IN THE MODERN WORLD

Course Number: SS61

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

This course is intended for students who are interested in the ever-changing world in which we live today. As our world becomes more complex, it is essential that we understand the different issues that effect us today and more importantly will effect us in the years to come. This course will complement and reinforce what students have learned in American History and Government, World Civilizations and other social studies electives. This class is designed to introduce students to a variety of perspectives concerning Contemporary Issues and Geography in the world today. The focus of the course will be on the major issues affecting the world today from struggle in the Middle East to tension among nations in Africa; from environmental concerns around the globe to dealing with natural disasters wherever they occur. These issues for the course will change as issues change in the world today. The goals of the class will be: 1)for students to develop an understanding of contemporary issues in an historical, cultural and geographic context, 2) to increase the students ability to process and gather information from a variety of sources, 3) to develop a student's ability to view contemporary issues from multiple perspectives, and 4) to develop an awareness of the global nature of issues and relate to their concerns. Due to the changing nature of this course, there will be no textbook. Much of the content and related materials will be web-based.

Course Title: ADVANCED PLACEMENT ECONOMICS, MACROECONOMICS

Course Number: SS41

Duration: One Semester/One Credit

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

The purpose of this course is to study how people produce, consume, exchange, and distribute goods and services. Students will try to determine how societies decide economic issues such as what to produce, how to produce, and how to divide wealth. Some economic theory will also be included. Students will also try to decide how business, labor, consumers, and government relate to each other in the economy. This course is not a math class but theoretical graphs are involved. Students who take this course gain college-level skills and have the option of earning college credit through the AP exam, which requires an extra fee. Students must check with colleges for their individual policies regarding AP exams.

Course Title: ADVANCED PLACEMENT U.S. HISTORY

Course Number: SS25

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

Note: AP U.S. History is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

This course is an extension of Honors American History, designed as a college level history course. Students will study United States chronologically as well as topically. Topics will include: political institutions and behavior; public policy; social and economic change; diplomacy and international relations; and cultural and intellectual developments. This a broad surevey course covering discovery to present day. The course moves at a fast pace and requires independent reading. Students should expect a small summer reading assignment in order to ease pressure during the school year. Students who take this course gain college-level skills and have the option of earning college credit through either the AP exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits.

Course Title: ADVANCED PLACEMENT EUROPEAN HISTORY

Course Number: SS30

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course. This class may be offered as a dual enrollment class through a university. Please see your instructor for details.

The purpose of this class is to provide the student with a very thorough understanding of the development of European History from 1300 to 1990, or rather the evolution of Europe from Medieval times to the end of the Cold War. The primary goal is to present a clear account of central developments of Western History. Students who take this course gain college-level skills and have the option of earning college credit through either the AP exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits.

Course Title: ADVANCED PLACEMENT PSYCHOLOGY

Course Number: SS24

Duration: Two Semesters/Two Credits

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. Students who take this course gain college-level skills and have the option of earning college credit through the AP exam, which requires an extra fee. Students must check with colleges for their individual policies regarding AP exams.

**Course Title: ADVANCED PLACEMENT
GOVERNMENT AND POLITICS: COMPARATIVE**

Course Number: SS22

Duration: One Semester / One Credit

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course. Taking this course **does not** fulfill the graduation requirement for American Government.

The AP Comparative Government and Politics course is designed to study the relationships between nations in a modern world. The two major objectives of the course are to learn about the current political systems of six different nations, and to analyze those nations with regard to several overarching themes. To accomplish the first objective, students study the current governments of six core nations: Britain, China, Iran, Mexico, Nigeria, and Russia. For the second objective, students focus on themes such as globalization, democratization, political change, public policy, and citizen-state relations.

**Course Title: ADVANCED PLACEMENT
GOVERNMENT AND POLITICS: UNITED STATES**

Course Number: SS21

Duration: One Semester / One Credit

Grade: 11-12

Prerequisites: None

NOTE: This is a grade-weighted course. Taking this course **does** fulfill the graduation requirement for American Government.

AP curriculum for American Government and Politics is designed to give students a critical perspective on government and politics in the United States. The course is divided into six major areas of study; 1) Constitutional Underpinnings,, 2) Political Beliefs and Behaviors, 3) Political Parties, Interest Groups, and Mass Media, 4) Institutions: Congress, Presidency, Bureaucracy, Courts, 5) Public Policy, 6) Civil Rights and Civil Liberties. Students who take this course gain college-level skills and have the option of earning college credit through either the AP exam or dual enrollment, both of which require an extra fee. Students must check with colleges for their individual policies regarding AP exams and dual enrollment credits.

Additional Credit Opportunities

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) I

Course Number: RO00

Duration: Two Semesters/Two Credits

Grade: 9-12

Prerequisites: None

Note: Offered for 2008-09

The NJROTC program goals are to provide an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. We encourage our students to get involved in their local communities to produce well-informed and helpful citizens. Each year's Naval Science coursework relates to a different theme. Naval Science I is designed to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. We also instruct cadets on military drill and ceremonies, uniform regulations, physical fitness, orienteering, principles of health, first aid, and survival.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) II

Course Number: RO02

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: NJROTC I or with instructor approval

Note: Offered for 2008-09

The NJROTC program goals are to provide an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. We encourage our students to get involved in their local communities to produce well-informed and helpful citizens. Each year's Naval Science coursework relates to a different theme. Naval Science II is designed to engender a sound understanding of maritime geography as it relates to our national resources, landforms, climate, soil, bodies of water, people, governments, military, and geopolitics. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future, and develop in each cadet a growing sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) III

Course Number: RO03

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: NJROTC I or instructor approval

Note: Offered for 2007-08

The NJROTC program goals are to provide an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. We encourage our students to get involved in their local communities to produce well-informed and helpful citizens. Each year's Naval Science coursework relates to a different theme. Naval Science III is designed to develop an understanding and the importance of sea power and national security, naval operations and support functions, military law, and international law and the sea. We also build on the general instruction provided in NS 1, to further develop the traits of watch standing and introduce cadets to the technical areas of naval science study.

Course Title: NAVAL JUNIOR RESERVE OFFICERS TRAINING CORPS (NJROTC) IV

Course Number: RO04

Duration: Two Semesters/Two Credits

Grade: 10-12

Prerequisites: NJROTC I, II and III or instructor approval

The NJROTC program goals are to provide an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. We encourage our students to get involved in their local communities to produce well-informed and helpful citizens. Each year's Naval Science coursework relates to a different theme. Naval Science IV is designed to build on the basic qualities of a good follower and an effective leader provided in NS 1, NS2 and NS3. We take a more in-depth look at what leadership is, and how to maximize the cadet's abilities in the leadership area.

Course Title: OFFICE ASSISTANT - INTERNSHIP

Course Number: GU23

Duration: One Semester/One Credit, Pass/Fail only

Grade: 11-12

Credit: One credit per semester

Prerequisites: Permission

A student may apply for a position as an office assistant following an interview and/or permission, to work in the principal's office, guidance office, attendance office, media center, or in-house suspension room. Basic duties will include filing, taking messages, and other clerical tasks. A total of 1 credit per semester may be applied toward graduation. Students will be evaluated quarterly by a site supervisor.

Course Title: ADAPTIVE PHYSICAL EDUCATION AIDE

Course Number: GU24

Duration: One Semester/One Credit, Pass/Fail only

Grade: 9-12

Credit: One credit per semester – Counts as an elective credit

Prerequisites: Teacher Permission

A student may apply for a position as an aide for Adaptive PE following an interview and/or permission to work with exceptional learners. Adaptive PE aides will be working with the students in the Adaptive Physical Education class. They will be paired up with another student and they will be responsible for helping that student develop their physical education skills according to their IEP. Student aides will help develop skills in the area of recreation, sportsmanship and motor development needed for independent living.

Cooperation BEST Career Academies

Academy Programs

Academies provide an opportunity for students to learn and explore career fields by integrating education in an authentic, alternative setting.

- Students will be immersed in the culture of the academy site.
- Students learn curriculum with a focus on relevant career applications.

Career Academies (Career and Academic Coursework) (See description for more details)

- Health Systems Academy (Alegent Health Midlands Hospital)
 - Includes the Medical Science Academy
 - Core academies and variety of electives offerings
- Zoo Academy (Henry Doorly Zoo)
 - Includes the Zoology Academy
 - Core academies and variety of electives offerings

Stand-Alone Academies (Career Coursework only) PL Academies: (See description for more details)

- Athletic Training (PL High & PL South)
- Education (PL High & PL South)
- Environmental / Horticulture (Lauritzen Garden)
- Law, Public Safety and Security (Sarpy Center)
- Metal Working (Millard Manufacturing)
- Tool & Die (Tri-V Industries)
- Times Internships (Papillion Times)

ITT Technical Institute

- Intro courses for Computer Networking Systems, Computer Programming, Computer Electronics Engineering, Nursing, Criminal Justice, Computer Drafting & Design, and Visual Communications.
- TV Production (PL High)

- TV Production (PL High)

Metro Community College (See description for more details)

- Auto Body (State St)
- Auto Technology (South Campus)
- Business Office Technology (Sarpy Center)
- Call Center Specialist (Sarpy Center)
- Certified Nursing Assistant (South Omaha)
- CISCO – Electronics (South Omaha)
- Computer Programming (Sarpy Center)
- Criminal Justice (Sarpy Center)
- Database Administration (Fort Omaha)
- Data Center (Sarpy Center)
- Diesel Service Technology (State St)
- Digital Cinema / Filmmaking (Elkhorn Campus)
- Electrical Technology (South Campus)
- Emergency Management Technician (South Campus)
- Medical Office Technology (Sarpy County)
- Network Security (Sarpy Center)
- Robotics (South Campus)
- Theater Technology (Omaha Community Playhouse)
- Webpage Development (Sarpy Center)
- Welding (South Campus)

Course Title: HEALTH SYSTEMS ACADEMY

Course Number: TBD

Duration: One or two year program

Grades: 11-12

Credits: Students will be able to receive a maximum of 7 graded classes per semester, with the option of additional Pass/Fail classes

Required Fees: Estimated costs include:

Hepatitis B vaccine, physical, \$60 uniforms-supplies, etc. – tuition for dual-enrollment classes, financial assistance is available if needed

Prerequisites: Health Systems academy students must be on-track for graduation. Students should have successfully completed 9th and 10th grade science courses. Applications are taken during registration. Identified students will be notified by March 15.

Students are required to submit to and pass drug testing by Alegent Health prior to commencement of the student's participation in the program. Drug testing performed at an Alegent facility will be paid for by Alegent. Confidentiality statement and honor statement are required.

Location: Alegent Health Midlands Hospital with flexible scheduling

The Health Systems Academy provides students with transferable skills and technical experience to meet the needs of the health care industry. Instruction is provided by PLV, Ralston, and business professionals. In year one of the program, students will take core courses and electives to explore careers. Curriculum will focus on relevant career applications. Year two of the program continues to build the students' basic core skills in the health care field, and provides an opportunity for clinical rotations, including an in-depth focus on specific health career. (Include traditional medical science academy option)

From the students identified for the program--- they can then apply for the Medical Science Academy portion of the program, in which they will participate as a cohort during their junior year, taking Anatomy & Physiology and the Certified Nursing Assistant (CNA) Certification course. In order to proceed on to year two of the cohort—they will need to have completed year one. Year two students will be involved in direct patient care, through clinical rotations.

Course Options: (Students will select 4-7 courses per semester and arrange their schedule within the academy in late spring 2009)

Students in the Health Systems Academy will be able to take 2-3 classes at their high school.

11th Grade Core

English 11 or HON English 11
HON Anatomy and Physiology
American Government (1 semester)
Psychology (1 semester)
Sociology (1 semester)
Geometry
Algebra II or HON Algebra II
HON Pre-Calculus
Applied Math 1240 (MCC Dual Enrolled)

11th Grade Required Elective

Introduction to Health Systems (1 semester)

11th Grade Electives

Certified Nursing Assistant (MCC Dual Enroll)
Medical Records (MCC Dual Enroll)
Health Finance
Food Services
Information Technology I

12th Grade Core

English 12 or HON World Lit
English Composition 1010 and 1020 (2 semesters MCC dual enroll)
Microbiology (MCC Dual Enroll)
Chemistry 1010 (MCC Dual Enrolled)
Ethics (1 semester)
Algebra II or HON Algebra II
HON Pre-Calculus
Calculus (MCC Dual-enroll)
Statistics
Applied Math 1240 (MCC Dual Enrolled)

12th Grade Required Elective

Introduction to Health Systems (1 semester)—if not taken during 11th grade

12th Grade Elective

Advanced Medical Terminology (1 semester) (MCC Dual Enroll)
Clinical Rotations for year two of the Medical Science Academy
Business Administration
Certified Medication Assistance (dual-enroll)
Information Technology II

Course Title: ZOO ACADEMY**Course Number: TBD****Duration:** Two 1 or 2 year program**Grade:** 11 - 12**Credits:** Students will be able to receive a maximum of 7 graded classes per semester, with the option of additional Pass/Fail classes**Required Fees:** \$20 Uniform fee, negative TB test result, tuition for dual-enrollment classes, financial assistance is available if needed**Prerequisites:** Zoo academy students must be on-track for graduation. Students should have successfully completed 9th and 10th grade science courses. Applications are taken during registration. Identified students will be notified by March 15.**Location:** Henry Doorly Zoo with flexible scheduling.

The Zoo Academy will provide interested students the opportunity to explore careers in zoology, genetics, ecology, veterinary science, horticulture, animal behavior, marine biology, or zoo management including business, marketing or research. The Zoo Academy is a program taught by both PL and Henry Doorly Zoo staff. The program is provided in classrooms located at the Henry Doorly Zoo, including the rainforest, aquarium, primate complex, cat complex, and various other zoo locations.

Students in this academy will participate in flexible scheduling taking core and elective courses, while conducting their own individual research projects. Experiences will include externship in either the jungle, aquarium, Wild Kingdom Pavilion, hoof-stock, birds, diet kitchen, marketing, mechanical operations, and research center and will require presentations of their projects. Curriculum will focus on relevant career applications. Students will be involved in the metro area science and technology fairs.

Course Options: (Students will select 4-5 courses per semester and arrange their schedule within the academy in late spring 2009) Students in the Zoo Academy will be able to take 2-3 additional classes at their home high school.

11th Grade Core

English 11 or HON English 11

Geometry

Algebra II or HON Algebra II

HON Pre-Calculus

Applied Math 1240 (MCC-dual Enrolled)

Zoology

Environmental Science

American Government

Sociology

Issues in Geography (1 semester credit for each)

11th Grade Required Electives*Zoo Economy* (1 semester—required of all participants)*Independent Study I* (required elective each year)**11th Grade Electives**

Employability Skills (Internship MCC dual-enroll)

12th Grade Core

English 12 or HON English 12

English Composition 1010 and 1020 (dual enrollment through MCC)

Algebra II or HON Algebra II

HON Pre-Calculus

Calculus (MCC Dual-enroll)

Statistics

Zoology

Environmental Science

*Chemistry 1010 (MCC Dual Enrolled)**Comparative Anatomy (Animal Anatomy & Physiology)*

US Foreign Relations

Sociology

Issues in Geography

12th Grade Required Electives*Zoo Economy* (if not taken during 11th grade)*Independent Study II* (required elective each year)**12th Grade Electives**

Special Topics in Biology (MCC Dual Enroll)

Biology 1010 (Dual enrolled)

Course Title: ATHLETIC TRAINING/SPORTSMEDICINE ACADEMY

Course Number: AC66 (AC67 Internship)

Duration: Two Semesters / Four Credits
(Two Credits each semester)

Grade: 11-12

Prerequisites: None

The Athletic Training/Sports medicine Academy is designed to provide entry-level skills to students interested in pursuing a career in the health care industry and/or athletic training. The focus of the academy will revolve around the prevention, recognition, treatment and rehabilitation of injuries caused during physical activity or athletics. The academy will also provide an internship in which student trainers will volunteer their athletic training and first aid skills as support to their high school and middle school athletic programs. The internship will provide hands-on experiences in a real world setting, while providing an important health care service to local athletic programs.

Course Title: EDUCATION ACADEMY I & II

Course Number: Year One AC17; Year Two AC18

Duration: Two semesters / One Credit per semester

Grade: 11-12

Required Fees: \$20 Uniform fee

Prerequisites: Suggested prerequisites/ or additional classes to take while involved in the academy include: Parenting I & II, Sociology and Psychology.

Location: PLHS

One or Two Year afternoon program integrated with the activities of the Future Educators of America (FEA). Year one is a survey course that will provide an overview of all careers in the educational field from support staff through administration. The youth organization will be an extension of the classroom curriculum, providing leadership development activities, competitions, college preparation, teacher recognition, and financial aid/scholarship possibilities. Course offered in the morning.

Year Two: Student interns will work at least one class period per day during the school

year. Two periods will be allowed on the student's schedule to allow for travel time to the internship site pending the student's interest. This is an unpaid position but students will receive one elective credit each semester. Internships may be one or two semesters in length.

Course title:

ENVIRONMENTAL/HORTICULTURE SCIENCE ACADEMY

Course Number: AZ06, AZ07

Duration: Two Semesters, Two Credits

Grade: 11-12

Required Fees: \$20 uniform shirt; 4.5 credits at Metro Community College RDLs 1400 Employability Skills.

Prerequisites: Must have an interest in Horticulture, Landscaping, Turf Management
Location: Lauritzen Gardens and Omaha Henry Doorly Zoo.

This program is designed for any student interested in agriculture/natural resources industry, landscaping, turf management, or starting their own business in these areas. The Academy is a program taught by a partnership between Papillion-La Vista School District staff, Lauritzen Gardens, and Omaha Henry Doorly Zoo. A joint schedule is established with the gardens and zoo to accommodate the seasons of the year. Work experiences for the students will be scheduled for the fall and spring.

Course Title: HOSPITALITY ACADEMY I & II

(Hospitality/Marketing/Culinary Arts)

Course Number: Year I - AC25-26 Year II – AC27-28

Duration: Year I- Two Semesters/One Credit per semester Year II – Two Semesters – One or **Two credits per semester

Grade: 11-12

Required Fees: Uniform \$25.00 – 2 white shirts/logo

Prerequisite: 16 years of age; Junior in good standing; Transportation to/from classes; Must complete application and selection process.

Suggested prerequisites or additional classes to take while involved in the academy include: Nutrition & Food, Food

Management I and II, Business Courses:
Law, Marketing, Accounting,
Social Sciences: Sociology, Psychology
Intended for: Students with an interest in
pursuing a career in hospitality, lodging or
culinary arts.
Location: To be determined. (May be
combination of high school and off site
locations.)

Year One: This course provides instruction
in skills and knowledge within the context of
the fields of hospitality management and
tourism ventures such as convention
bureaus, destination markets, and travel
agencies. In-depth instruction and practical
experience in marketing and management
concepts, principles and practices related to
the hospitality and tourism industries are
fundamental components of this course.

Year Two: Student interns work one/two
periods per day during the school year. Two
to three periods will be allowed on student's
schedule to allow for travel time to the
internship site pending the student's interest.
This is an unpaid position but the students
will receive one/two elective credits each
semester. Internships may be one or two
semesters in length. Students must provide
their own transportation.

**Students interested in working 1- 2 periods
per day can earn 1-2 additional credits per
semester. (Up to 2 credits per semester 4
credits per year.)

Course Title: ITT ACADEMY

Course Number:

Duration: Two Semesters/Three Credits per
semester

Grade: 12

Required Fees: Tuition is provided by ITT
Technical Institute for 1st and 2nd quarters of
one of the six programs offered: Computer
Networking Systems, Computer
Programming, Computer Electronics
Engineering, Nursing, Criminal Justice,
Computer Drafting & Design, and Visual
Communications.

Prerequisites: Must have transportation
to/from classes. Students must complete an
application and participate in the selection
process. Applications are taken during early
spring. Notification of acceptance will be
given prior to school ending for the year.

Articulates to: ITT Technical Institute

Location: ITT Technical Institute

Students complete first quarter of general IT
programs. During the 2nd quarter, students
have the opportunity to specialize in:
Computer operating systems, Computer
Programming, Computer Electronics
Engineering, Nursing, Criminal Justice,
Computer Drafting & Design, or Visual
Communications.

These classes will be held on Tuesday,
Wednesday, and Thursday from 12:30 p.m.
to 3:30 p.m. To receive full credit, students
must attend the three days per week.

NOTE: Since ITT Technical Institute is
providing tuition; students need to meet
college level academics and behavior.

The ITT Technical Institute program
provides students with an introduction to
career paths in the field of electronics,
computer systems and multimedia.

**Course Title: LAW, PUBLIC SAFETY, &
SECURITY**

Course Number: AC16 (Year), AC14
(Semester 1), AC15 (Semester 2)

Duration: Two Semesters/Two Credits per
Semester

Grade: 11-12

Required Fees: \$20 Uniform fee -
MCC Tuition: Metro Community College
gives a 50% price reduction for academy
students, 10 credits for an approximate total
of \$265. (2008 Rate subject to change)
Scholarships are available for students with
financial need.

Prerequisites: Suggested prerequisites or
additional classes to take while involved in
the academy include: Sociology and
Psychology and other Social Science
courses. Students must apply and be
selected to participate. Students must
provide their own transportation to/from
academy site. Applications are taken during
the early spring; notification of acceptance
will be given prior to school ending for the
year.

Dual Enrollment: AC16 Law, Public Safety,
& Security Academy – MCC CJU 101 Intro
to Criminal Justice

RDLS 140A Employability Skills

AC15 Street Law – MCC CJU 203 Police and Society
Location: Metro Community College Sarpy Center

The Law, Public Safety & Security Academy is a one year program in which, classes are held everyday from 7:45 a.m. to 9:25 a.m. at Metro Community College Sarpy Center. The academy will include high school government and law history. Additional course work from Metropolitan Community College will include Careers in Criminal Justice, Introduction to Criminal Justice, and Police and Society for a total of 10 college credits. The format of the academy will include the high school classes two days a week, MCC classes co-taught on two days, and one day a week focusing on a variety of activities such as; guest speakers, job shadowing, hands-on experience, field trips, or other activities planned by the instructor.

Course Title: MEDICAL SCIENCES ACADEMY—offered within the Health Systems Academy—students need to apply for both.
Course Number: AC02 & AC41 (Year One); AC42 & AC43 (Year Two)
Duration: Two Semesters/Two Credits per semester
Grade: 11
Required Fees: Estimated costs include: Hepatitis B vaccine, TB Test, \$60 uniforms-supplies, etc. - Financial assistance is available if needed.
Prerequisites: Biology, Algebra I, and be registered for an advanced math and science class during their junior year. Must complete an application and participate in the selection process. Applications are taken during early spring.
NOTE: Two year program – must enter as a junior.

Students are required to submit to and pass drug testing by Alegent Health prior to commencement of the student's participation in the program. Drug testing performed at an Alegent facility will be paid for by Alegent.

Year two students must have completed year one successfully

Location: Alegent Health Midlands Community Hospital

The Medical Sciences Academy provides students with transferable skills and technical experience to meet the needs of the health care industry. A two-year program in which, classes are held everyday at Alegent Health Midlands Community Hospital, with instruction provided by a registered nurse and a certified Papillion-La Vista High School science teacher. Year One of the program provides exposure to a wide variety of health care occupations and introduces students to a core set of skills and knowledge applicable to many health care disciplines. At the completion of year one students are eligible to become Certified Nursing Assistants. Year two of the program continues to build the students' basic core skills in the health care field, including an in-depth focus on specific health career of choice.

Course Title: METAL WORKING APPRENTICESHIP
Course Number: AC03, AC04, AC05
Duration: Two Semesters/Three Credits per semester
Grade: 12
Required Fees: Steel-toe boots
Prerequisites: Must be registered for the Apprenticeship 1, 2, & 3.
Articulates to: Paid internship, which qualifies for pre-apprenticeship hours towards a registered U.S. Department of Labor Bureau of Apprenticeship.
Location: Millard Manufacturing, Inc

The Metal Working Apprenticeship provides students the opportunity to learn about areas including: manufacturing of industrial food plant equipment, machines, and systems, fabrication of metals for industry, processing of component parts, and distribution of metal and industrial products.

Course Title: TOOL & DIE APPRENTICESHIP
Course Number: AC03, AC04, AC05
Duration: Two Semesters/Three Credits per semester
Grade: 12
Required Fees: Steel-toe boots

Prerequisites: Must be a senior in the fall. Must have a good school / work attendance and tardy record. Must have transportation to/from the internship site and complete an application and be selected to participate. All candidates will have a scheduled interview with the business site. Applications are taken in early spring. Articulates to: Paid internship, which qualifies for pre-apprenticeship hours towards a registered U.S. Department of Labor Bureau of Apprenticeship. Location: Tri-V Industries

The Tool & Die Apprenticeship provides students the opportunity to learn about areas including: CNC Operators, programmers, general machinists, tool design, and tool and die making. Apprenticeship is a morning or afternoon offering.

Course Title: METRO COMMUNITY COLLEGE CAREER ACADEMIES

Course Number: Year One: AC06, AC08, AC44, AC49, AC54 & AC56, AC58, AC64, AC65, AC79, AC86, AC88 Year two: AC07, AC09, AZ05, AC59

MCC Career Academies are designed to provide high school juniors and seniors with opportunities to explore various career fields and get a jumpstart on their post-secondary education.

- **AC06 & AC07 Auto Collision Academy 1 & 2** (Fort Omaha Campus)
- **AC08 & AC09 Automotive Technology Academy 1 & 2**(South Omaha Campus)
- **TBD --Business Office Technology -** Tuition and books paid for.
- **TBD --Call Center Specialist- Tuition & Books paid for.**
- **AC88 Certified Nursing Assistant**
- **AC64 CISCO Networking**
- **TBD Computer Programming- Tuition & Books paid for**
- **AC49 MCC/Criminal Justice 1** (Sarpy Campus)
- **TBD Data base Administration- tuition & Books paid for**

- **TBD-Data Center- Tuition & Books paid for**
- **AC79 Diesel Service Technology**
- **MC AC86 Digital Cinema/Filmmaking**
- **AC65 Electrical Technology 1** (South Omaha Campus)
- **TBD Emergency Management Technician**
- **TBD Medical Office Technology- Tuition & Books paid for**
- **TBD Network Security- Tuition & books paid for**
- **TBD Robotics- Tuition & Books paid for**
- **AC54 & AC56 Theatre Technology 1 & 2** (Omaha Community Playhouse)
- **AC87 MCC Web Development**
- **AC58 & AC59 Welding Acad. 1 & 2** (South Omaha Campus)

Duration: Two Semesters/Two Credits per semester

Internship: Two Semesters/Two Credits (pending student placement)

Grade: 11-12

Required Fees: Metro Community College gives a 50% price reduction for academy students, or in some cases the tuition is free. Tuition for Metro Community college is \$26.50 per credit hour—between 11-18 credit hours for year one depending on the program. (2008 rate subject to change) Scholarships are available for students who have financial need.

Prerequisites: Must be a junior or senior, 16 years of age. Students must have transportation to and from classes and internship sites. Applications are taken during early spring. Notification of acceptance will be given prior to school ending for the year.

Dual Enrollment: Metro Community College during the traditional academic calendar. See the “articulated classes” information at the front of the Cooperation BEST section. All programs are two-year programs that students could be involved in during their junior and or senior year.

Location: Metro Community College (campus location depends on program). Afternoon courses.

Course Title: TV PRODUCTION ACADEMY

Course Number: AC65, AC92, AC93
Duration: Two Semesters/Two Elective Credits per semester
Grade: 10-12
Required Fees: \$20 Uniform fee
Prerequisites: None
Location: Papillion-La Vista High School

A one to three year program in which classes are held at Papillion-La Vista High School Monday thru Friday from 2:30-4:30. Through the study of video/digital production techniques, students will become proficient in filmmaking techniques including framing shots, special effects, sound manipulation, music production, lighting techniques, editing and production as well as photo story telling and animation.

Students will develop and produce a wide variety of projects during the school year included, but not limited to: Monarch Effect (MFX) airing on Cox Cable Metro 23 and PLHS newscast shown over the PLHS Channel One network. Student will partner with Cox Cable (Metro 23) to learn and develop the skills necessary for a career in digital media. Students will use the following software to create their projects: Final Cut Pro, IMovie, IPhoto, Photoshop and Garage Band.

Course Title: THE TIMES INTERNSHIP

Course Number: AC78
Duration: Two Semesters/Two Elective Credits per semester
Grade: Junior or Senior
Required Fees: None
Prerequisites: Must have a strong interest in a journalism career. Must submit 3 samples of writing, Students must have own transportation. (The Times will reimburse mileage for on-the-job activities using a vehicle.) Selected student will work 3 hours/day; M-T (production) W-F (field).
Articulates to: None
Location: The Papillion TIMES, 1413 S. Washington, STE 300 (American National Bank Building just south of 84th Street and Hwy. 370)

The Papillion Times offers a wide range of opportunities and experiences for the

aspiring journalist! Candidate need to be inquisitive, accurate and excited about covering an array of topics. Students will learn the various departments and jobs within the industry to include: copy editing, reporting, graphics, layout and design, photography, advertising, and printing/publishing. Students must have own transportation. (The Times will reimburse mileage for on-the-job activities using a vehicle.) Selected student will work 3 hours/day; MT (production) W-F (field). This is a non-paid internship.

Course Title: ZOOLOGY ACADEMY-- offered within the Zoo Academy—students need to apply for both.

Course Number: AC52 STC/Zoology, AC53 STC/Zoo Work Experience, AC73 Zoology Research Year Two
Duration: Two Semesters/Two Credits per semester
Grade: 11 - 12
Required Fees: \$20 Uniform fee, TB test.
Metro Community College (MCC): Year One: RDLS 1400 Employability Skills Section QB (cost: \$119.25) 4.5 MCC Credits Year Two: BIOS 2900 Special Topics in Biology Section AQ (Cost: \$119.25) 4.5 MCC Credits
Prerequisites: Biology and enrolled or registered for Chemistry. Applications are taken during the early spring. Notification of acceptance will be given prior to school ending for the year.
Location: Henry Doorly Zoo

Interested in a career in zoology, genetics, ecology, veterinary science, horticulture, animal behavior, or marine biology? The Zoology Academy is a course taught by both PL staff and zoo scientists and technicians. The course is taught in a classroom at the Henry Doorly Zoo, as well as the rainforest, aquarium, primate complex, cathouse, and various other zoo locations.

Students in this academy will conduct their own animal research projects, and will have the opportunity to present them for scholarship possibilities.

The Academy is a two hour block in which every other day will be spent in an

externship in either the jungle, aquarium, Wild Kingdom Pavilion, hoof-stock, birds, diet kitchen, or ferret complex. The other days will be spent in an intense, college-level zoology course, which includes labs, guest speakers, and trips to different parts of the zoo to talk to zookeepers and scientists.