



2008 – 2009
COURSE GUIDE

MEDIAPOLIS COMMUNITY
HIGH SCHOOL

It is the policy of the Mediapolis Community School not to discriminate on the basis of race, creed, color, sex, sexual orientation, gender identity, national origin, religion, or physical or mental disability in its programs, activities, or employment practices as required by the Iowa Code Sections 216.9 and 19B.11, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. & 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. & 206, et seq.), Title IX Educational Amendments, 20 U.S.C. & 1681-1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. & 794) and the Americans with Disabilities Act (42 U.S.C. & 12101, et seq.)

MEDIAPOLIS COMMUNITY SCHOOL DISTRICT CHALLENGES
EACH INDIVIDUAL TO STRIVE FOR EXCELLENCE AND TO
BECOME A LIFELONG LEARNER.

COURSE GUIDE FOR MEDIAPOLIS COMMUNITY HIGH SCHOOL 2008-2009

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Course Registration Information

This course guide is a synopsis of the classes to be offered during the 2008-2009 school year. This guide is designed to aid students and their parents or guardians in the selection of courses for the 2008-2009 school year. For a course to be offered, each class must have a specific number of students enrolled. If a class does not attract enough students to meet the minimum registration number, it will not be offered and students will be given the chance to find other courses.

Course selection should be a carefully planned decision as you are choosing your classes for the spring and fall semester of next year. Please consult your parents, teachers, and counselor as needed to consider benefits and costs associated with the courses you choose. Specific things to consider are: graduation requirements, prior successes and failures, special interests and abilities, college entrance requirements, and career goals.

Requests for schedule changes after the last day of school will only be granted in unusual situations such as: to retake a course that a student has failed, computer error, outside credits earned, or misplacement due to human error.

Students wishing to take AP, or college courses through Mediapolis may elect to receive their given letter grade or they may choose to receive an "S" for satisfactory on their transcript. However, if a student fails the AP or college class they will not have the option of receiving a "U." Instead, they will receive the earned letter grade of an "F". If a student wishes to change their grade to an "S" they will need to report this information to the counseling office immediately after their class has been completed.

Graduation Requirements

Please review the high school graduation requirements listed below. Meeting the requirements is a joint effort between the student, parents or guardians, and school staff. All parties should work together to ensure that each student is on track with the courses needed.

55 credits must be earned to graduate from Mediapolis Community High School. In most cases each course is worth one credit (per semester). This is not always the case for courses such as PSEO, Career Academy, and PACE courses (Information on these courses is listed towards the back of this guide).

Please be aware that the list below is to meet the minimum graduation requirements for Mediapolis Community High School. Many colleges require more core course requirements to meet their admissions requirements. Also note that many colleges do not count independent study classes as meeting subject area admissions requirements. Also, some classes are noted as ones that may not meet departmental admission requirements. Students should check with their counselor or college admission offices if they have questions. A copy of Iowa's Regent Universities requirements (University of Iowa, Iowa State, University of Northern Iowa) may be picked up from the counseling office and is listed below.

Required for Class of 2009 & 2010

7 English Credits - Including English, Speech, Elements of Writing, and four advanced English course, including, at least one speech, one writing, and one literature unit.

4 Mathematics Credits

4 Science Credits – Including Physical Science A & B, Biology 1 A & B

6 Social Studies Credits – Including American History A & B, Western Civilization, Geography, American Government, Law and Courts

4 Physical Education Credits

30 Elective Credits – These credits may come from any subject area

Total = 55 Credits

Required for classes starting with 2011

8 English Credits – Including English, Speech, Elements of Writing, and four advanced English course, including, at least one speech, one writing, and one literature unit.

6 Mathematics Credits

6 Science Credits – Including Physical Science A & B, Biology 1 A & B

6 Social Studies Credits – Including American History A & B, Western Civilization, Geography, American Government, Law and Courts

4 Physical Education Credits

25 Elective Credits – These credits may come from any subject area

Total = 55 Credits

Student Fees Waived

Students whose families meet the income guidelines for free and reduced price lunch, the Family Investment Program (FIP), Supplemental Security Income (SSI), transportation assistance under open enrollment, or who are in foster care are eligible to have their student fees waived or partially waived. Students whose families are experiencing a temporary financial difficulty may be eligible for a temporary waiver of student fees. Parents or students who believe they may qualify for temporary financial hardship should contact the principal or high school secretary at registration time for a waiver form. This waiver does not carry over from year to year and must be completed annually.

Notice of Non-discrimination

It is the policy of the Mediapolis Community School not to discriminate on the basis of sex, race, national origin, creed, age, marital status or physical disability in its educational programs, activities or employment policies in compliance with Title VI and VII of the 1964 Civil Rights Acts, Title IX of the 1972 Educational Amendments, and the Federal Rehabilitation Act of 1973. It is the policy of this district that the curriculum content and instructional materials utilized reflect the cultural and racial diversity present in the United States and the variety of careers, roles and life styles open to women as well as men in our society. One of the objectives of the total curriculum and teaching strategies is to reduce stereotyping and to eliminate bias on the basis of sex, race, ethnicity, religion and physical disability. The curriculum should foster respect and appreciation for the cultural diversity found in our country and awareness of the rights, duties and responsibilities of each individual as a member of a multicultural, nonsexist society.

Board of Regents, State of Iowa

Freshman Admission Requirements to the Regent Universities

Admission of freshmen who wish to enroll at any of the Iowa Regent universities, beginning Fall 2009 and beyond will be based on the Regent Admission Index (RAI) equation described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.

$$\begin{aligned} & (2 \times \text{ACT composite score}) \\ & + (1 \times \text{percentile high school rank}) \\ & + (20 \times \text{high school GPA}) \\ & + (5 \times \text{number of high school core courses}) \\ & \text{Regent Admission Index Score} \end{aligned}$$

Regent Admission Index Score

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 99% is the top value for high school rank, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year).*

Freshman applicants from Iowa high schools who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission of any of the three Regent universities. Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution. Freshman applications from approved high schools in other states may be held to higher academic standards, but must meet at least the same requirements as graduates of Iowa high schools.

The Regent universities recognize that the traditional measures of academic performance do not adequately describe some students' potential for success. Therefore, the Regent universities strongly encourage all interested students to apply for admission. Applicants who feel their academic record is not an accurate reflection of their potential for success are encouraged to provide supplemental information explaining their circumstances in addition to the application, academic transcripts, and test scores.

*For applicants who do not possess all required each Regent University will evaluate factors on an individual basis.

NAME: _____ CLASS OF: _____

Freshman Year		Sophomore Year	
<u>1st Semester</u>	<u>2nd Semester</u>	<u>1st Semester</u>	<u>2nd Semester</u>
English/Speech	Speech/English	Elements of Wrtg	Adv English
Physical Science A	Physical Science B	Biology 1A	Biology 1B
Math	Math	Math	Math
Physical Education	Elective	West Civ/Geography	Geography/West Civ
Elective	Elective	Physical Education	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Junior Year		Senior Year	
<u>1st Semester</u>	<u>2nd Semester</u>	<u>1st Semester</u>	<u>2nd Semester</u>
Adv English	Adv English	Adv English	Adv English
American History A	American History B	Am. Government	Law & Courts
3 rd year of Math required	3 rd year of Math required	3 rd year of Math required	3 rd year of Math required
3 rd year of Science required	3 rd year of Science required	3 rd year of Science required	3 rd year of Science required
Elective	Physical Education	Elective	Physical Education
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

<u>1st Year After High School Graduation</u>	<u>2nd Year After High School Graduation</u>
Post-Secondary	Post-Secondary
Area of Study	Area of Study
Career	Career

AGRICULTURE

Agriculture I (A & B)

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Ag I is the first course in the four-course Ag sequence. It is specifically designed to prepare students for taking Ag throughout the course of their high school time. The course will revolve around the FFA organization, defining and beginning SAE (supervised agricultural experience) programs, and describing the importance of agriculture in everyday life. The students will spend the year studying the history and components of the FFA, plus investigating agriculture at a whole by spending times on units covering a variety of agricultural aspects. Special time will be given to look at agriculture as a science and exploring the uses of scientific method. As the year progresses, students will be introduced to procedures used to conduct meetings and develop skills in other CDE (career development event) areas. Other possible areas of study may include shop safety and use, depending on time left in the school year. FFA activities and SAE projects will be included throughout the year. FFA membership is recommended.

Agriculture II (A & B)

Recommended: Agriculture I (A & B)

Suggested Grade Level: 10, 11, 12

Length: First and Second Semester

The first quarter of the school year will be devoted to soil science, from both agronomic and greenhouse perspectives. If additional time exists, components of conservation and natural resources will be included as well. This would include forestry, aquatics, wildlife, and hunter safety. General scientific aspects will be taught, however specific information dealing with these areas of study and species native to Iowa will be focused upon as well. Students will have the opportunity to participate in the FFA soil judging competition in the fall as well. The rest of the year will focus on studying greenhouse production concepts, where students will have the opportunity to work directly in the greenhouse and also develop its business aspects. The class will also work directly with the elementary on a special project in the spring. Time will be taken out to review parliamentary procedure abilities and further develop them for effectiveness in meeting situations. FFA activities and SAE projects will still be involved throughout the course of the year. FFA membership is recommended.

Agriculture III (A & B)

Recommended: Agriculture II (A & B)

Suggested Grade Level: 11, 12

Length: First and Second Semester

Agriculture III deals primarily with coursework in animal science. This course is designed to focus on two primary areas of study. The year will begin with a look into the history and domestication of common livestock species. General livestock feeding, nutrition, digestion, and reproduction will follow, before leading into specific livestock characteristics. Basic animal functions of growth, maintenance, and production; along with terminology and judging procedures; will be discussed regarding swine, beef cattle, sheep, equine, dairy cattle, poultry, and various other variety species. Members will have the ability to participate in livestock and meat Ag skills career development events during the summer after completing this course. Towards the end of the year, students will participate in an arc-welding unit in the shop. Students will create beads, t-welds, butt welds, and lap welds using several different types of electrodes. FFA activities and SAE programs will continue to be an integral part of the course. FFA membership is recommended.

Agriculture IV (A & B)

Recommended: Agriculture III (A & B)

Suggested Grade Level: 12

Length: First and Second Semester

The final course in the agriculture program is split into two important components. Students will spend time learning about grain and forage crop production. Time will be spent learning about various aspects of growth and development, plant and seed identification, production practices, grain/forage quality, and management of corn, soybeans, small grains, and forages. This will then lead into weed and insect identification and management. Lessons will specifically relate to the Creelman Research Farm, so students are able to apply what they are learning in the classroom to real life. The class will also be responsible with marketing all grain from the Creelman Research Farm as well, plus they will be in charge of organizing the crops for the new growing season in the spring. Ag business skills will also be developed, through learning concepts dealing with Ag sales presentations, advertising, communication, and various other techniques. Extra time that exists during the year will be used to work on individual shop projects and complete an agricultural research paper. Students will receive dual enrollment through SCC as a crop

anatomy and physiology course worth 4 college credits in addition to the high school credit. FFA activities and SAE programs will continue to be a part of this agriculture course. FFA membership is recommended..

Advanced Animal Science

Recommended: Agriculture III (A & B)

Suggested Grade Level: 10, 11, 12

Length: First Semester

This course will go into more depth dealing with animal sciences than Agriculture III a & b. It will include more specific information involving nutrition, reproduction, genetics, breed development, and it will include sections of livestock judging, meat evaluation, industrial trends, and anatomy. FFA membership will be required for this course.

Agricultural Sales

Recommended: Agriculture I (A & B)

Suggested Grade Level: 11, 12

Length: Second Semester

This course will cover areas including careers, presentations, buying behavior and process, communication and relationships, adaptive selling, prospecting, sales call planning, sales calls, additional presentations, marketing/advertising, and promotional sales. FFA membership is required.

Agricultural Independent Study

Instructor Permission Required

Suggested Grade Level: 12

Length: One Semester

It is reserved for upperclassmen that are unable to take their next course during its designated timeframe. Other options include serving as a greenhouse manager or creating an extended academic program in an agricultural interest area. To be eligible for this agricultural class, instructor permission is required. It will follow the description of the course the student is unable to take, however, it will be self-taught, or it will follow a specific syllabus designed by the instructor and student.

ART

Fundamentals 2D & 3D

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

This Fundamentals course offers a multimedia approach to the visual arts and gives students the opportunity to work with traditional and nontraditional art forms. Areas to be covered in this course are a variety of drawing, painting, print making, and ceramics (2D & 3D) techniques. This course will allow students the opportunity to experiment with a wide range of media, thus exposing them to a wide variety of activities and teaching them to problem solve in many different areas of art. The Elements of Design and Principles of Design will be stressed in this course. Students will also be expected to sketch and journal daily. Students will research, participate in class discussions and take notes. Materials needed for class will include drawing pencil, kneading eraser, regular eraser, smudge stick, sketchbook, folder watercolors-tube paints, paintbrushes and colored pencils.

Art Methods 2D

Recommended: Art Fundamentals 2D & 3D

Suggested Grade Level: 10, 11, 12

Length: First Semester

Art Methods 2D is an extension of the Fundamental Course in 2D and 3D design. This course will improve a student's abilities in two-dimensional media (drawing, painting, and printmaking) as well as three-dimensional media (sculpture and ceramics). Students will be exposed to artists and art styles that will enhance and inspire unique, personalized art works. A sketchbook and journal will be kept as homework to advance students' drawing skills. Materials needed are listed in the Fundamentals course.

Art Methods 3D

Recommended: Art Fundamentals 2D & 3D

Suggested Grade Level: 10, 11, 12

Length: Second Semester

Art Methods 3D is a continuation of Art Methods 2D 1st semester. This course will improve a student's ability in two- and three-dimensional media, such as drawing, painting, ceramics and sculpting. Students will be exposed to artists, styles and their work to help inspire unique, and personalized artwork. A sketchbook and journal will be kept as homework to advance students' drawing skills. Materials needed are listed in the Fundamentals course.

Studio Class

Recommended: Art Methods 2D & 3D

Suggested Grade Level: 10, 11, 12

Length: First and/or Second Semester

This course will provide students with the opportunity to expand on the skills developed in the Art Methods course. Students will be under the supervision of the art instructor, and will be expected to work on projects more independently. This course is recommended to anyone wishing to pursue a career in the arts. Materials needed are listed in the Fundamentals course. (Course may be repeated)

Art Independent Study

Instructor Permission Required

Suggested Grade Level: 11, 12

Length: One Semester

This course is designed for outstanding student artists with strong art skills, motivated and mature. Students', who have taken advanced art courses and can't work an art course into their regular schedule, may with teacher approval take this course. Students will also keep a sketchbook and journal as homework to continually advance their drawing abilities.

BUSINESS & COMMERCIAL

Computer Applications A

Suggested Grade Level: 9, 10, 11, 12

Length: First or Second Semester

This class offers students the opportunity to work on their keying skills on the computer. It also allows them the opportunity to become more familiar with the functions of Microsoft Word. Students will learn basic formatting for letters, reports, memos and tables. They will also be given the opportunity to create multicolumn documents. Students will also be given the opportunity to use Microsoft Power Point to do a multimedia presentation. There will also be a portfolio project completed. The class is limited to 24 students.

Computer Applications B

Recommended: Computer Applications A

Suggested Grade Level: 9, 10, 11, 12

Length: Second Semester

Students will learn the basics of Microsoft Excel and Microsoft Access, to do spreadsheets and databases. They will also be given the opportunity to use Microsoft Publisher to create newsletters. They will also learn how to do merging of documents. There will be a project that will integrate these skills. Internet skills will also be integrated into class. Class limited to 24 students.

Business Systems A & B

Recommended: Computer Applications B

Suggested Grade Level: 10, 11, 12

Length: First and Second Semester

This class offers students a look into the business world. Students will learn more of the uses of Microsoft Word integrating all applications. Areas to be covered in this class will include: Human Relations, Economics, Management & General Business. Students will also complete school projects for departments when requested. The Internet will also be incorporated into the class.

Technology & Business Independent Study

Instructor Permission Required

Suggested Grade Level: 12

Length: First or Second Semester

This class is offered only as an independent study. This course is designed to cover many technological areas associated with business and its practices. These areas will include and are not limited to: the Internet, e-mail, resumes/cover letters, integrated computer applications, research and marketing for a business.

Accounting A

Recommended: Computer Applications B

Suggested Grade Level: 11, 12

Length: First Semester

This class offers students the principles of the basic accounting cycle for a service business—sole proprietorship. They will learn how to manage a checkbook and reconcile a bank statement. Students will also be introduced to the 10 key-touch system.

Accounting B

Recommended: Accounting A

Suggested Grade Level: 11, 12

Length: Second Semester

This class is an expansion of the principles learned first semester. Some of the areas that will be covered in this semester include: payroll, depreciation, notes payable and notes receivable. They will also do the accounting cycle for a partnership and cooperation; this will include using special journals. They will also complete a one-month simulation for a typical small business.

Business Ethics

Recommended: Computer Applications B or Business Systems

Suggested Grade Level: 12

Length: Second Semester

This course will center on ethics in the business world. Students will study how ethics affects their lives and business decisions. We will also examine the diversity of ethics in America. They will also look at the ethics involved with new technology.

ENGLISH DEPARTMENT

English (Required Course)

Suggested Grade Level: 9

Length: First or Second Semester

This course is offered first and second semester. General English topics will be discussed and explored, including grammar, literature, and writing.

Speech (Required Course)

Suggested Grade Level: 9

Length: First or Second Semester

This course is offered first and second semester and will have a focus on communication skills. Projects in public speaking, both individual and in groups. Various speaking styles will be covered that will increase communication effectiveness. All speeches are written out and planned before you speak. Students can expect to: become more comfortable speaking in front of a group, learn how to approach a variety of speaking opportunities and tailor them to individual talents, gain advanced library skills, manipulate the words of others to suit needs, and how to complete an extensive research paper and oral presentation.

Elements of Writing (Required Course)

Suggested Grade Level: 10

Length: First Semester

This course will include several basic skills needed by the students to communicate effectively. Students will learn the basic skills of essay development in order to write a research paper based on a career choice. Students will learn how to use the library for research; they will do Internet searches; and may conduct interviews or participate in a shadowing experience. A passing mark must be earned on the research paper to pass the course.

Dramatics

Recommended: Speech

Suggested Grade Level: 10, 11, 12

Length: Second Semester

Dramatics is a one-semester course designed to introduce the student to various aspects of drama and the theater. We will experiment with acting by completing a study of relaxation, movement, oral interpretation, and characterization. We will also read the following plays: Our Town, A Long Day's Journey into Night, Brighten Beach Memoirs, Cat on a Hot Tin Roof, Endgame and Death of a Salesman. In addition, we will be reading Macbeth, which is a masterpiece of conflict and character. The student can expect to write papers and take tests over these plays. Drama is meant to be performed and seen, therefore at some point we will perform for others outside the class. There is a possibility that our focus will shift from literature of the theater to performance. If this occurs, the student will be required to give two public performances in early May.

Mass Communication

Recommended: Speech

Suggested Grade Level: 10, 11, 12

Length: Second Semester

Mass Communication is the study of communication. This course will explore the various way people communicate on a large scale. Our study of Mass Communications will consist of newspapers, advertising, radio, and television. Besides classroom activities, each student will be responsible for major projects, which works with each area of communication. The student can expect to do several speeches and a major research paper concerning a social issue or a media related topic of his/her choice. The student will then give an expository address (speech with a visual aid) on this topic. Mass Communication satisfies the advanced speech requirement. Because of this, you will be required to complete several speeches: (1) Newspaper- This project begins with a general discussion of newspaper terminology and types of "news worthy" articles. The student will be required to produce and evaluate several types of news articles, and will be encouraged to submit that article for publication in the school or local newspaper, (2) Advertising – As we study how advertising is used to "sell" a product, the student will be expected to work through various projects which demonstrate knowledge of how advertising is used in print media. The student can expect to work in groups and design an ad campaign to "sell" a product. The final presentations will be videotaped, (3) Radio – We will study how radio is

used as a medium for oral communication. We will conduct our own newscast. (This is a contest speech category. Some of students may try this in a contest situation), (4) Television – The television segment of this course will deal with a research project. Students will be allowed to select a specific time period in history to prepare a television magazine (news program) for a day within that selected historical period. These will also be videotaped, (5) a novel project is due each quarter.

Advanced Speech

Recommended: Speech

Suggested Grade Level: 11, 12

Length: Second Semester

The focus of this course is communication. We will work with projects that are designed to turn basic knowledge of speech theory into the practical. The only way to get better at public speaking is to practice it. These projects give you that opportunity. We will experiment with various speaking styles designed to increase your communication effectiveness. This is the most advanced speech course we offer. Our task is to prepare you for the type of public speaking that you will encounter at the college level. Speaking and writing are connected. As you arrange your argument, you will be challenged to make logical connections. You will be required to turn in both a paper and a speech for all of the speeches that we cover. Some times you will need only a rough draft. Other times, a final typed copy will be required. You can expect to: become more comfortable speaking in front of a group, how to approach a variety of speaking opportunities and tailor them to your individual tastes, gain some advanced library skills, and how to manipulate the words of others to suit your needs.

Publications

Recommended: Speech

Suggested Grade Level: 10, 11, 12 (9th with permission)

Length: First Semester

Students will study and participate in the varied aspects of journalistic production through research, activities, discussion, and reflection. Students will gain a general working knowledge of publications and will actively work on high school publications. All students enrolled in this course will be considered publications staff for the semester and will, as part of the course requirements, contribute to the production of high school publications in addition to their academic work.

Advanced Publications

Recommended: Publications

Suggested Grade Level: 10, 11, 12

Length: Second Semester

This course will be heavily focused on school newspaper and yearbook production. Students will be expected to participate in and complete these endeavors in a working environment. Self-direction, motivation, follow-through and good journalistic skills are a must for this course. Students may have course projects in addition to school publications. Students should expect a rigorous schedule and the possibility of work outside the school day. Students may take more than once, however, permission from the instructor is required. This course may also be offered as an independent study with instructor approval.

Creative Writing

Suggested Grade Level: 10

Length: First and/or Second Semester

Students will read and study creative writing in its varied forms to learn the elements of fiction and non-fiction writing. The class will explore the art & craft of writing and its relationship to critical thinking. Students will work on developing personal expression through a variety of genres and will explore language use. The class will emphasize the process approach to writing, writing for different purposes and audiences, writing for publication.

Expository Writing

Recommended: Elements of Writing

Suggested Grade Level: 10

Length: Second Semester

Expository writing is intended as an extension of the type of writing done in Elements of Writing. In depth essay writing – specific narrative, descriptive, expository, and argumentative – will be done. The class includes assignments with fiction to develop writing skills that can be applied to non-fiction essay and are designed to develop an interest in personal writing.

20th Century Literature

Suggested Grade Level: 10

Length: Second Semester

This course is designed to expose the student to literature, both English and American that was developed with the 20th century. We will look at a wide variety of themes and genres as we explore some of the “classics” of the 20th century. Our first novel, *Shoeless Joe*, will examine themes and how it relates to the other elements of several short stories. Our next novel is one of Harper Lee’s classics, *To Kill a Mockingbird*. We then turn our

attention back to short stories and poems, which highlight such authors as Earnest Hemingway, William Faulkner, John Steinbeck and Eudora Welty. *Flowers of Algernon* and *Lord of the Flies* are our last novels. If time allows, we read a short play. The pace of this class is fast. There are four novels and about twenty short stories that make up the key components of this class. In addition to the course-reading load, the student is expected to read/complete a reading journal. Some class time is devoted to this project; however, it will require outside reading time. Your grade consists of the reading journal, daily work, and tests and quizzes; Three major papers are also completed during the semester.

Advanced Literature

Recommended: 20th Century Literature

Suggested Grade Level: 10, 11, 12

Length: First and/or Second Semester

Examines the human condition through literature and critical analysis. Common reading will be selected from short stories, novels, plays and poetry. The study of theme, genre and symbolism will be the major focus of the course.

Fact & Fiction

Suggested Grade Level: 11, 12

Length: First or Second Semester

Students will develop skills in reading, writing, discussion, analysis, and reflection through the study of the narratives, authors, and the corresponding historical/cultural/social contexts of factual and fictional works.

Advanced Dramatics

Recommended: Drama, Advanced Speech

Suggested Grade Level: 11, 12

Length: First Semester

Advanced Dramatics is open to any junior or senior who has already taken Dramatics 1. It will include projects in acting and play production. This course may not count as an English credit at some colleges. Students must have instructor approval prior to signing up for this course.

Independent Study Advanced Dramatics

Recommended: Dramatics, Advanced Dramatics, Advanced Speech

Suggested Grade Level: 11, 12

Length: Second Semester

Independent Study in Advanced Dramatics is not meant to replace the regular course in Advanced Dramatics, but it is designed for those students who want to learn in depth about out a particular area of theater or drama. This course may not

count as an English credit at some colleges. Students must have instructor approval prior to signing up for this course.

Humanities

Recommended: Instructor approval

Suggested Grade Level: 11

Length: First Semester

Humanities is a study of the literature of the Western world. Analysis of stories, essays and plays is included. The course incorporates music, drama, and art. This is a college preparatory course open to juniors and seniors.

Literary Analysis

Recommended: literature courses

Suggested Grade Level: 11, 12

Length: Second Semester

This course is designed specifically for second semester, college-bound students who have successfully passed multiple high school literature and writing courses. Instructor permission should be sought for any student not meeting these requirements. Students will develop a foundational knowledge of skills required to succeed in college in reading, writing, discussion, analysis, and reflection through the study of literature, schools of literary thought, critical analysis and essay writing, independent research and projects, as well as a thorough study of current collegiate practices.

Reading Strategies

Recommended: Approval of Teachers or School Counselor

Suggested Grade Level: 9, 10, 11

Length: Second Semester

This is an elective credit, not an English credit. Students will read and view a variety of texts and study strategies for improving reading. Through varied activities centered on all of the language arts (speaking, writing, reading, listening), students will be encouraged to gain a stronger understanding of their reading processes and use given strategies to inform and improve their approaches to and comprehension of their readings. This course will be required for all students who do not score above the 41% on the Reading Total of the Iowa Tests of Educational Development or with approval of school counselor or teacher.

Advanced English Independent Study

Recommended: Instructor Approval

Suggested Grade Level: 12

Length: First or Second Semester

Offered to allow interested students to pursue advanced study in an area of their choice. Students must have teacher approval, a 3.00 GPA in the area of interest, and completion of an introductory class.

FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences I (FACS 1)

Suggested Grade Level: 9, 10, 11, 12

Length: First Semester

A one-semester course which includes the areas of foods, nutrition, child development, and sewing. The student will develop basic cooking techniques, become familiar with the essential principles of nutrition, and beginning sewing. The students will construct a project in class.

Family and Consumer Sciences II (FACS 2)

Suggested Grade Level: 9, 10, 11, 12

Length: Second Semester

A one-semester course which includes one quarter studying and preparing foods that are a little more advanced than other courses including meats and foreign foods. Also included is a brief look at geriatrics. Students will sew an item in class.

Family and Consumer Sciences III (FACS 3)

Suggested Grade Level: 10, 11, 12

Length: First Semester

This course is designed for students interested in the sociology and psychology of the family. FACS 3 includes units of study in family structure, family life cycle, and family crisis. The importance of food to society, various cultures, and families is examined. Sign up for this class only if you possess a mature attitude, open mind, and desire to learn. This FACS course is offered during the school years that begin with an odd number.

Family and Consumer Sciences IV (Housing/FACS 4)

Suggested Grade Level: 10, 11, 12

Length: Second Semester

If you like "Trading Spaces", "Extreme Home Makeover", or "Design on a Dime", this course

might be for you. Units will explore interior design and housing. Working with color, placement of furniture careers in home interiors, and identifying home and furniture design are all included. Sign up for this class only if you are motivated to work, and capable of multi-tasking. Experience in art and FACS will be helpful. This course is offered alternating school years. This FACS course is offered during the school years that begin with an odd number.

Family and Consumer Sciences V (Parenting/FACS V)

Suggested Grade Level: 10, 11, 12

Length: Second Semester

This is a parenting/child development course that is articulated with Indian Hills Community College. The students will analyze the foundations of child growth and development from prenatal to adolescence, as well as identify the sequences of social, cognitive, and emotional developmental milestones for neonates through adolescence. In this course you will learn to be a better parent so that you will be well prepared when the time arrives that you will need to use your skills. Coursework has a heavier emphasis on infancy through school age children. We will work with preschool and elementary children. There is a component of the course that includes being responsible for the care of a computerized infant (Baby Think it Over) for 2 – 3 days. A semester project is required. This course is offered alternating school years. This FACS course is offered during the school years that begin with an even number.

HSC-163 Nutrition (Spring Only)

**SCC Dual Enrollment Lecture: 3 Lab: 0
Credit: 3**

Description: Nutrition concepts across the lifespan are presented. An emphasis on weight management, obesity avoidance and prevention of common diseases (diabetes, heart disease, cancer and hypertension) that are dietary-related are discussed. Proper nutrition, a critical component for optimal learning, growing, healing and quality of life is emphasized.

ECE-133 Child Health, Safety & Nutrition (Fall Only)

**SCC Dual Enrollment Lecture: 3 Lab: 0
Credit: 3**

Description: Child Health, Safety and Nutrition helps students learn how to create and maintain a safe and healthy environment for young children. It examines proper nutrition for children and practices that contribute to the prevention of

illness. The course reviews state laws and established policies for licensed child care centers related to health, nutrition, safety and child abuse and neglect. Students also learn American Red Cross First Aid and CPR for infants and children

Independent Living

Suggested Grade Level: 10, 11, 12

Length: First Semester

Units include planning for your future, entering the workforce, introduction to credit, purchases for the home, clothing/fabric care, food preparation, use and purchase of small kitchen appliances, and consumerism. Home experience assignments in food preparation and clothing care are required.

Independent Living II

Suggested Grade Level: 10, 11, 12

Length: Second Semester

Units include meeting adult responsibilities, housing choices, moving out/apartment living, money management including credit, etiquette, simple meal planning and preparation, sanitation and food-borne illness, insurance, and a purchasing a vehicle. Home experience assignments in food preparation and food shopping are required. This Health course is offered during the school years that begin with an odd number.

FOREIGN LANGUAGES

Spanish I (A & B)

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Students will learn to read, write, speak and listen to Spanish for a variety of purposes. Students will learn to communicate with basic social expressions and conventions of language and gesture. Basic structures of the language will be presented so students will become proficient in the use of the present tense. Students will learn to carry on light general conversations (introductions, weather, courtesies, etc.) and be able to function in restaurants, on phone, in taxis, at hotels, etc. History, geography and culture of Spanish-speaking countries will also be presented. Daily class participation and daily study time is very important. Students must have a "C" average or better 1st semester to continue into the 2nd semester or consent of instructor.

Spanish II (A & B)

Recommended: Spanish I (A & B)

Suggested Grade Level: 10, 11, 12

Length: First and Second Semester

This course is a continuation of Spanish I.

Students will advance skills of reading, writing, speaking and listening to Spanish. Students will communicate easily with the basic social expressions and conventions of Spanish and will work to bring pronunciation to a level of some comfort and close to what a native speaker could comprehend. Students will be able to write and converse in the present and the past tense about familiar subjects. Students will apply a working knowledge of history, geography and cultural elements to light conversations enabling students to function as tourists on a survival level in Hispanic-speaking countries. Student must have received a "C" average or better in Spanish I to enroll in the course and must maintain a "C" average 1st semester to continue on to the 2nd semester or have the consent of the instructor.

Spanish III (A & B)

Recommended: Spanish II (A & B)

Suggested Grade Level: 11, 12

Length: First and Second Semester

This course is a continuation of Spanish II.

Students will use Spanish to read, write, speak and listen for a variety of purposes. Students will work on developing skills to communicate effectively in open-ended conversations. Advanced structures of the language will be presented so students will become proficient in the use of the past tense, the command forms and the subjunctive. Each quarter, students will be responsible for sharing Hispanic/Latino current events to increase their language abilities as well as cultural knowledge. Students will also apply their knowledge of the language by reading, listening to and writing their own Spanish children's story. Student must have received a "C" average or better in Spanish II to enroll in the course and must maintain a "C" average 1st semester to continue on to the 2nd semester or have the consent of the instructor.

Spanish IV (A & B)

Recommended: Spanish III (A & B)

Suggested Grade Level: 12

Length: First and Second Semester

This course is a continuation of Spanish III.

Students will continue to use Spanish to read, write, speak and listen for a variety of purposes. Students will apply all verb tenses to everyday situations. They will continue to share current events from the Hispanic world and discuss how these events affect our world. Students will also

correspond with Hispanic key pals via the Internet. Emphasis will be made on understanding the cultural diversity of the Spanish-speaking world. Student must have received a “C” average or better in Spanish IV to enroll in the course and must maintain a “C” average 1st semester to continue on to the 2nd semester or have the consent of the instructor.

Spanish Independent Study

Recommended: Instructor Permission

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

This course is for students with class schedule conflicts. Students must have a 3.0 GPA in previous Spanish courses. Course may be tailored to the student’s needs. All Spanish courses strive to create greater cultural awareness of the Hispanic world.

HEALTH

Health I

Suggested Grade Level: 9, 10, 11, 12

Length: First Semester

Some of the topics covered in Health I are physical fitness, wellness, the holistic approach to health, emotional and mental health, mental health disorders, stress and stress reduction techniques, HIV/AIDS, and blood donation. Discussion of health careers and health current events are ongoing throughout the semester. Emphasis will be on changing behaviors for a healthier lifestyle starting now. Student will select a health goal to work on throughout the semester.

Health II

Suggested Grade Level: 9, 10, 11, 12

Length: Second Semester

Topics covered in Health II include: consumer health, quackery, as well as alcohol/drug abuse and addictions. In the second quarter, you’ll find a human sexuality unit, which includes the study of STD’s, family planning, and anatomy. Discussion of health careers and health current events are ongoing throughout the semester. Emphasis will be on changing behaviors for a healthier lifestyle starting now. Student will select a health goal to work on throughout semester. This course is offered during the school years that begin with an even number.

Health III

Suggested Grade Level: 9, 10, 11, 12

Length: Second Semester

Topics covered in Health III include: nutrition and

food choices, weight control, eating disorders, heart disease, cancer, and stroke. Public health, environmental health, and safety issues round out this semester of study. Emphasis will be on changing behaviors for a healthier lifestyle starting now. Student will select a health goal to work on throughout semester. This course is offered during the school years that begin with an odd number.

INDUSTRIAL TECHNOLOGY

Recommended Course Sequence:

9th Engineering 1/1st semester, Construction/2nd semester

10th Engineering 2/ 1st semester, Wood Technology/2nd semester

11th or 12th Three Dimensional Modeling/1st Semester, Advanced Construction/2nd semester

All Industrial Technology classes the following common goals stated in that students will be able to:

Understand the importance of working safely
Recognize Industrial Technology courses are multicultural and non-sexist

Identify careers in Industrial Technology
Recognize new technologies in Industrial Technology

Develop creative thinking skills to solve problems
Recognize the global effect of Industrial Technology

Develop techniques to process sensory perception
Develop communication skills and acquire additional information using the media center

Engineering 1

Suggested Grade Level: 9, 10, 11, 12

Length: First Semester

Instruction in the area of drafting fundamentals, use and care of instruments, lettering, sketching, applied geometry, multi-view, section auxiliary, dimensioning, pictorial drawings, and problem solving activities. Students will use these skills to develop drawings and designs.

Construction

Recommended: Engineering 1

Suggested Grade Level: 9, 10, 11, 12

Length: Second Semester

Units covered will include wood and wood products, construction methods, construction terminology, construction materials, safe and proper use of hand tools, safe and proper operations of shop machines, designing, wall framing, and problem projects.

Engineering 2

Recommended: Engineering 1

Suggested Grade Level: 10, 11, 12

Length: First Semester

Review of Engineering 1 skills, blueprint reading, the designing and the making of a set of house plans using CAD, plans will include floor, plot, section, detail and elevations. Problem solving activities and model construction will also be covered.

Wood Technology

Recommended: Construction

Suggested Grade Level: 10, 11, 12

Length: Second Semester

Development of wood and wood products from raw materials to finished materials, overview of machine equipment, joinery, finishing operations, calculation of board feet of lumber and material lists, and project plan reading. Students will use these operations in the processes of woodworking.

Three Dimensional Modeling

Recommended: Engineering 1

Suggested Grade Level: 11, 12

Length: First Semester

An advanced study of computer aided drafting. Design in the computer program is done entirely three dimensionally. Units will include developing work planes, designing basic to advanced parts, an introductory assembly design, and an individual project design.

Advanced Construction

Recommended: Wood Technology

Suggested Grade Level: 11, 12

Length: Second Semester

Advanced studies of Construction and Engineering processes. Students will engage in on-site building. Units will cover advanced blueprint reading, concrete form and construction, floor and wall framing, rafter framing and roofing. Students will demonstrate proper operations of equipment and safety precautions through the processes.

Communications Technology

Suggested Grade Level: 10, 11, 12

Length: First or Second Semester

Designed to introduce the student to the fast growing industry of communications technology. Project based activities frequently. Units will include computer applications, advertising, digital photography, video production, printing and desktop publishing, problem solving projects and business opportunities.

Industrial Technology Independent Study

Recommended: Instructor Permission

Suggested Grade Level: 11, 12

Length: First and/or Second Semester

This course is for students with class schedule conflicts. Course may be tailored to the student's needs.

MATHEMATICS – Must successfully complete at least one semester of an Algebra level class.

General Mathematics (A & B)

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

This course is aimed at students that wish to wait to take Algebra at a later date and gain an understanding of arithmetic fundamentals necessary for post graduation. An on-line, self-paced program may be used during instruction (ALEKS) During the second semester the course will cover pre-algebra materials. Note: This course may not count as a math credit at some colleges.

Basic Algebra (A & B)

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Basic Algebra is designed to aid students in making the transition from general mathematics to Algebra. The course will provide an in-depth presentation of the prerequisite skill, concepts, and problem solving processes needed to help students become comfortable with and successful in Algebra. A major goal of the course is to help the student become a better problem solver. The students will be guided carefully through problem-solving processes to encourage greater analytical skills. Note: This course may not count as a math credit at some colleges.

Algebra IA (a & b)

Suggested Grade Level: 9, 10, 11, 12

Length: First - Second Semester (1st course of a 2-year Algebra program)

This course is designed for students who need more time to learn algebraic concepts. The course includes a review of sets, variables, sentences and real numbers. Slopes of lines, solving equations and inequalities algebraically, and the use of graphs are also included. Problem solving strategies are explored. Factoring polynomial expressions and applications of quadratic

equations, together with an introduction to probability and statistics.

Algebra IB (a & b)

Suggested Grade Level: 9, 10, 11, 12

Length: First - Second Semester (2nd course of a 2-year Algebra program)

This course is designed for students who need more time to learn algebraic concepts. The course includes a review of sets, variables, sentences and real numbers. Slopes of lines, solving equations and inequalities algebraically, and the use of graphs are also included. Problem solving strategies are explored. Factoring polynomial expressions and applications of quadratic equations, together with an introduction to probability and statistics.

Algebra I (a & b)

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

This course includes a review of sets, variables, sentences and real numbers. Slopes of lines, solving equations and inequalities algebraically, and the use of graphs are also included. Problem solving strategies are explored. Factoring polynomial expressions and applications of quadratic equations, together with an introduction to probability and statistics.

Geometry (A & B)

Recommended: Algebra 1 (A & B)

Suggested Grade Level: 10, 11, 12

Length: First and Second Semester

Plane Geometry: There are two main reasons for this course. One of them is found in the material itself. The properties of figures in two and three dimensions. Also, in a geometric problem there is often scope for ingenuity, intuition and imagination. This material is both interesting and helpful in other areas of mathematics.

Algebra II (A & B)

Recommended: Geometry (A & B)

Suggested Grade Level: 11, 12

Length: First and Second Semester

This course includes set expression, sentences, a review of real numbers, and subsets of reals. Polynomials, factoring, and Theory of Polynomial equations. Exponential, Logarithmic and Quadratic functions will be covered as well as Trigonometry.

Discrete Mathematics

Recommended: Algebra II A

Suggested Grade Level: 11, 12

Length: Second Semester

A one-semester course designed to cover topics not covered in Algebra II and Calculus. Accelerated topics to include matrices, determinants, statistics, probability, vectors and others. Current textbook Algebra II and UCSMP: Pre-calculus & Discrete Mathematics. Other texts may be used.

Calculus (A & B)

Recommended: Algebra (A & B)

Suggested Grade Level: 12

Length: First and Second Semester

This course consists of selected math topics.

Some of these are: Plane trigonometry, analytical geometry, calculus, theory of equations and theory of numbers.

Consumer Mathematics

Suggested Grade Level: 11, 12

Length: First or Second Semester

A one-semester course that covers insurance, mortgages, financial planning, retirement planning, credit, taxes, and lease plans. There will be guest speakers and other activities. No prerequisites but only juniors and seniors are eligible to enroll.

MUSIC

Band

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

This course is open to all students in grades 9 – 12 who have experience playing a band instrument. Areas of rehearsal, study and performance include: Marching Band, Concert Band & Pep Band. There are also a number of opportunities for solo/small group work and individual select ensembles as well as Jazz Band. Class time will be devoted to the study of various musical compositions in a wide variety of styles and emphasize development of individual and ensemble musicianship. Attendance at lessons, various contests and concerts outside of class are required. Required materials include: instrument (some school horns available), lyre, flip folder, marching shoes and band t-shirt, and lesson book. A schedule of yearly events will be provided at the beginning of the course.

Concert Chorus

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

High School Chorus is an elective course open to all students' grades 9 – 12. A variety of choral music is presented at such annual events as Vesper, March & May concerts, State Solo & Ensemble Contest, selected Honors Choirs, and Large Group Contest. All students will be required to attend a minimum of five lessons each quarter. Students will also be given different writing assignments that do count towards the grade. Students will receive a letter grade. Each student will need maintain a "C" average in Choir during the semester to be eligible to return for the next semester. All freshmen will be in this choir.

Chamber Choir

Recommended: Concert Chorus

Suggested Grade Level: 10, 11, 12

Length: First and/or Second Semester

Chamber Choir is a semester elective course open only to students who are recommended for placement by the instructor after an audition. Only students in grades 10-12 will be eligible to participate in this group. The Chamber Choir will perform at all choral events. Chamber Choir will be a premiere group that will perform some of the greatest choral works ever composed. This class should only be considered by those truly dedicated to choir. Group numbers will vary. Auditions will be held every semester.

Exploring Music

Suggested Grade Level: 9, 10, 11, 12

Length: First or Second Semester

This course is open to all students in grades 9 – 12. There are no prerequisites and a previous background in music is not necessary. Content will provide each student with a working knowledge of musicianship. The course also deals a great amount the history of music and foreign culture. Class work is very lecture oriented along with written notes. There are also two 8-page research papers that are due each semester. These papers will assist the student in giving a 10-minute presentation on the composers they have chosen.

Advanced Music Independent Study

Recommended: Instructor Permission

Suggested Grade Level: 11, 12

Length: First and/or Second Semester

This course is for students with class schedule conflicts. Course may be tailored to the student's needs.

PHYSICAL EDUCATION

Physical Education

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

This course is designed to give each student the opportunity to explore and develop skills, knowledge, and understanding in a variety of sports activities. Types of activities will be as follows: archery, flag football, volleyball, speedball, basketball, floor hockey, badminton, bowling and softball.

Physical Education Varsity Sport

Grade Level: 11, 12

Length: First and/or Second Semester

This credit is available to juniors or seniors who participate at the varsity level in a Mediapolis Community School sport for the full season, and who successfully complete this sport. The sport must also be certified by the State of Iowa as an eligible sport to qualify. For specific sports that meet this criteria please see the counseling office. The paperwork for this credit must be completed the semester prior to participation in the sport.

Weight Training and Conditioning

Suggested Grade Level: 9, 10, 11, 12

Length: First or Second Semester

This class will be primarily aimed at the serious weight lifter (for example male and female athletes). Lifting, stretching, aerobics and running will be included in the class. The ultimate goal of the course will be to improve muscular strength plus flexibility and conditioning. This course will replace the regular physical education credit for the semester in which it is taken. This course may be repeated, but will always replace the regular physical education class. Students may NOT take both.

SCIENCE

Physical Science (A & B) (Required Course)

Suggested Grade Level: 9

Length: First and Second Semester

The Physical Science course begins with fundamental concepts (i.e.: scientific method, parts of an experiment, metric conversions & measurements), and then progresses into concepts from earth science and astronomy. Topics covered include: motion & forces, energy & matter, properties of matter, geologic time, the rock cycle, weather, our solar system and the universe. This yearlong course is required of all freshmen.

Biology I (A & B) (Required Course)

Suggested Grade Level: 10

Length: First and Second Semester

Discovering the many fields of biology and giving the student an idea of how large and relevant biology is in today's world. This course will cover general biology (scientific method, cells, homeostasis and fundamentals of Mendelian genetics) for approximately one semester. It will include approximately 9 weeks of invertebrate zoology and 9 weeks of botany.

Biology II (A & B)

Recommended: Biology I (A & B)

Suggested Grade Level: 11, 12

Length: First and Second Semester

This course is designed for students who desire to continue their biological studies. Emphasis will be on marine biology, field studies, and identification of vertebrates, and general animal behavior.

Body Systems

Suggested Grade Level: 10, 11, 12

Length: First or Second Semester

This course is categorized as a science elective. This class will involve exploring the major systems of the body and their functions. The course is a more basic look at the body than the Anatomy course. It also expands upon the area of genetics covered in Biology. This course will include hands-on labs. A research project associated with genetics will be a large part of this course as well. This course is intended for those with an interest in the biological sciences. It will deal with not only the human species, but other species as well. Units covered: Skeletal System, Muscular System, Endocrine System, Nervous System, Lymphatic System, and the Digestive System.

Genetics

Recommended: Biology I (A & B)

Suggested Grade Level: 11, 12

Length: First or Second Semester 11, 12

This course will discuss basic genetics and explore issues associated with modern genetics, also explore genetic disorders. This course is an extension of Biology A & B genetic topics. Units Covered: History of Genetics, Modern Genetics, The Future of Genetics/Human Genome Project.

Chemistry (A & B)

Recommended: Physical Science & Algebra I

Suggested Grade Level: 10*, 11, 12

Length: First and Second Semester

The class and laboratory are designed to acquaint the student with the basic concepts involved in the

study of the structure, composition, and make up of matter. Labs and activities are designed to reinforce theory topics and develop skills in using the scientific method. *Sophomores need permission of instructor.

Anatomy (A & B)

Recommended: Biology I (A & B) with a "B" grade or higher, or Biology I and II, or Biology I & Body Systems and Genetics

Suggested Grade Level: 11, 12

Length: First and Second Semester

This course is designed for advanced science students who desire to study the human body in detail. All body systems will be covered, with dissections of rats and/or cats. Dissection is required.

Environmental Science A

Suggested Grade Level: 10, 11, 12

Length: First Semester

Students will recognize that environmental science is an interdisciplinary approach to the problems of the environment. An examination and evaluation will be made of man's impact on the environment, both locally and globally. Specific topics that may be covered include, but are not limited to: population issues, atmospheric issues, water issues, energy issues, resource issues, wildlife issues, and food issues. Approximately one-third to one-half of the grade will come from fieldwork, such as stream sampling, small mammal trapping and other field biology activities.

Environmental Science B

Suggested Grade Level: 10, 11, 12

Length: Second Semester

A continued look at the examination and evaluation of man's impact on the environment, both locally and globally. Specific topics that may be covered include, but are not limited to: population issues, atmospheric issues, water issues, energy issues, resource issues, wildlife issues, and food issues. Approximately one-third to one-half of the grade will come from fieldwork, such as stream sampling, small mammal trapping and other field biology activities.

Horticulture A

Suggested Grade Level: 9, 10, 11, 12

Length: First Semester

An introductory course with units in: horticulture careers, plant taxonomy, plant physiology, environmental growth requirements, lawn care, gardening, care of fruit trees, shade trees, and ornamental plants. Other areas of study include safe use of pesticides, growth stimulants, growth

retardants, landscaping, and floral design.

Horticulture B

Suggested Grade Level: 9, 10, 11, 12

Length: Second Semester

An extension of Horticulture A including units in: horticulture careers, plant taxonomy, plant physiology, environmental growth requirements, lawn care, gardening, care of fruit trees, shade trees, and ornamental plants. Other areas of study include safe use of pesticides, growth stimulants, growth retardants, landscaping, and floral design.

Physics (A & B)

Recommended: 2 years of Science & Algebra I

Suggested Grade Level: 11, 12

Length: First and Second Semester

Physics is the study of the relationships between matter and energy. Areas covered in class and labs include motion, forces, light, magnetism, and electricity. Most lab activities are student developed to introduce important concepts.

Advanced Science Independent Study

Instructor Permission Required

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

An original laboratory or fieldwork project of special interest to the student is pursued under the supervision of the instructor. Or course offered when another science class is not available to the student – student must have permission of instructor.

SOCIAL STUDIES

Western Civilization (Required Course)

Suggested Grade Level: 10

Length: First or Second Semester

A survey of the cultural and historical concepts leading to our contemporary civilization. The course will cover world history from the dawn of man to the mid-eighteenth century with large units on the ancient Greeks and Romans, exploration, and the European renaissance, and the religious reformation.

World Geography (Required Course)

Suggested Grade Level: 10

Length: First or Second Semester

A survey of the geographic regions of the earth as well as their historical, political and climatic diversity. Focus will be on map reading and how the environment guides one's way of life.

American History (A & B) (Required Course)

Suggested Grade Level: 11

Length: First and Second Semester

First Semester covers the Colonial period to 1900 and includes a broad overview of the events and cultural changes of the period with emphasis on the American Revolution, problems with the new nation, the Civil War and the events leading to it, and the emergence of the United States as a world power. Second Semester includes the story of the United States continues with World War I and how it set the stage for World War II. Other topics to be covered extensively are the "boom" of the 1920's and the "bust" of the 1930's, the World War II era and its effects, the civil rights movement of the 1940's and 50's, the "good times" of the 1950's and tumultuous 1960's.

American Government (Required Course)

Suggested Grade Level: 12

Length: First Semester

American Government is a survey course including Federal, State and Local Government with emphasis on Federal Government.

Law and the Courts (Required Course)

Suggested Grade Level: 12

Length: Second Semester

This course covers the study of the nature and causes of delinquency and crime, how the law applies to youth, and the application and study of court procedure. Includes constitutional law and the bill of right.

Conflicting Cultures

Suggested Grade Level: 10, 11, 12

Length: Second Semester

A look into the clash between Eastern and Western cultures in the world today: The class would focus on how the history of the Middle East, India, the Far East, and Russia relates to the current conflicts happening in today's world. The class will examine problems such as terrorism, poverty, overpopulation, pollution, and the student's role in the changing future. This course is offered during the school years that begin with an even number.

Modern U. S. History

Suggested Grade Level: 10, 11, 12

Length: Second Semester

An intensive study of U. S. History from 1945 to the present day: Topics would include the Space Race, the Cuban Missile Crisis, the Civil Rights Movement, the Vietnam War, the Iran Hostage Crisis, the collapse of the Berlin Wall, the breakup of the Soviet Union, Operation Desert Storm, the Oklahoma City Bombing, 9/11, and a focus on the conflicts in the world today. This course is offered during the school years that begin with an odd number.

Economics (A & B)

Suggested Grade Level: 12

Length: First and Second Semester

Includes production, distribution and consumption of goods, and services in our society. Units of study include consumer behavior, banking, modern production, corporate business, stock exchange procedure, and government's role in business, interest and insurance.

Sociology

Suggested Grade Level: 11, 12

Length: First Semester

This study of man in society is designed to give an understanding of the similarities between cultures. The evolution of culture from that of primitive man to the complex modern society is studied, with special attention on the trends of the change creating the problems of today.

Psychology

Suggested Grade Level: 11, 12

Length: Second Semester

Designed to increase self-understanding. The effects of heredity and environment on intelligence and personality, the way personalities are formed; the problems of mental illness, alcoholism, and drug addiction are among the topics of discussion. Experiments involving student's participation and utilization of guest speakers will be highlights of the course.

Social Studies Independent Study

Instructor Permission Required

Suggested Grade Level: 12

Length: Second Semester

Designed to challenge the inquiring mind. A semester course with 21 study topics chosen by the student with instructor concurrence, to be conclude in 9 weeks each. Independent study will replace the class attendance with the student using his free time for unsupervised library research. Periodic oral reports will be arranged with the instructor

during each 9-week period. At the end of 9 weeks the completion of the study topic, and oral report and completed and adequate term paper will be presented to the instructor for evaluation. This class is designed for students with schedule conflicts only

MULTI DISCIPLINARY

Career Decision Making

Suggested Grade Level: 9, 10, 11, 12

Length: First or Second Semester

This course will give students the skills necessary to make informed choices concerning all aspects of career decision-making. Students will explore their interests, abilities, aptitudes and values as they relate to potential occupations. Students will be exposed to a wide range of jobs through, guest speakers, videos, the media and personal interviews. All levels and types of training opportunities will be explored including colleges, vocational schools, the military, on the job training and apprenticeships. Units on job seeking and keeping skills will be included. Each student will learn how and where to look for jobs, how to write resumes and fill out applications how to interview successfully. This course is offered on a satisfactory/unsatisfactory basis.

Cooperative Employment

Recommended: Career Decision Making

Suggested Grade Level: 15

Class limited to 15 – a written essay regarding specific interest in job and need for life long skills is required. Placement may occur after administration and instructor review essays. Essays must be submitted by May 1st the semester prior to taking class.

Length: First and/or Second Semester

This course gives students "on the job" experience with local businesses. A classroom component must be successfully completed at the beginning of each semester before students may begin there on site work experiences. All students must work at least 10 hours per week during the regular school day. Students may locate their own jobs, but must have them approved by the course instructor. Employers, students and parents must sign a work agreement. Students who lose jobs during the semester may be required to do volunteer work until they find other paid employment.

Mentoring

Recommended: School Counselor Permission

Suggested Grade Level: 9 & 10

Length: First or Second Semester

Students in mentoring will work with elementary or middle school students who need special attention, assist teachers with individualized and small group instruction or work in a school office. Each high school student enrolled in this program will be under the supervision of faculty or staff who will set up individual plans for their mentors. The faculty or staff will also complete evaluation instruments for their assigned mentors. Students enrolled in this program will be required to complete a journal of their activities throughout the semester. The course will be graded as satisfactory/unsatisfactory. To enroll in the program, students must be in good academic, conduct and social standing and have permission from the school counselor. The course may be taken twice for credit during the freshmen and sophomore years.

Honors Symposium

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

This course is designed to help and meet the needs of those students who have demonstrated above-average ability, creativity, and task commitment and who desire an opportunity to develop skills and aptitudes not generally provided for in the traditional classroom. Independent Study and/or extended internships are two possible components of this class. Applicants to the program are carefully screened by a committee of teachers, counselor, and administrators. May be repeated for credit with instructor approval. Priority will be given to juniors and seniors should too many students register for this course.

RESOURCE PROGRAM

Resource

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester. Only one credit per semester may be earned. In order to enroll in this class, a student must qualify through testing procedures performed by the school psychologist and be recommended for an Individualized Education Plan by the team. The resource room is available to students with learning disabilities or other health concerns. Students in the resource room are required to have individual education plans, outlined by the special education team. The resource program offers specialized interventions that will enhance the

educational progress of students with learning disabilities or other health concerns. Students work on academic skills in course content areas. The curriculum varies according to each student's Individualized Education Program but includes five basic areas of reading, mathematics, written expression, adaptive skills, and vocational. Students are evaluated on an individual basis by formal and informal measures and by teacher observation.

Self Contained Instruction

Suggested Grade Level: 9, 10, 11, 12

Length: First and/or Second Semester

In order to enroll in this class, a student must qualify through testing procedures performed by the school psychologist and be recommended for an Individualized Education Plan by the team. The SCI program offers specialized interventions that will enhance the educational progress of students with disabilities or other health concerns. Students work on academic skills in course content areas. The curriculum varies according to each student's Individualized Education Plan.

DRIVER EDUCATION

Driver Education

Suggested Grade Level: 10

Length: Summer Only

There is a requirement that any person between the ages of 16-18 years who wishes to secure an operator or chauffeur's license shall have successfully completed and approved driver education course. State requirements are a minimum of 30-clock classroom hours and 6 clock hours of actual behind the wheel. To meet the necessary requirements no student could be absent from the classroom more than 1 period. Instruction will be given on the automatic transmission only. Students must be at least 14 on the first day of the course to enroll, and have a permit.

ADVANCED PLACEMENT

The Advanced Placement (AP) program is a collaborative program between motivated students, teachers and committed high schools and colleges. The program started in 1955 and since that time millions of students have taken college level courses and exams to earn college credit or placement while still in high school.

The program allows students to take selected courses for high school credit and then to earn college credits through an exam process. The cost of the exam is approximately \$80.00. Students will be responsible for the cost of the exam and must pay prior to enrolling in the course. Students who take AP courses may gain an edge in preparing for college. They will get a head start on the sort of work they will face in college and may improve their writing, problem solving and study skills for college. Completing AP courses may also aid in the college admission and scholarship search process by demonstrating readiness for college and showing a willingness and ability to commit to academic excellence.

The courses also challenge individuals to broaden their intellectual horizons. Students study subjects in greater depth and assume the responsibility of reasoning, analyzing and understanding for themselves. AP courses at Mediapolis Community High School are available through the Iowa Online AP Academy and are administered through the Talented and Gifted Program. Students enrolling in the courses must demonstrate the ability to be successful in a rigorous academic environment. Proof of such ability might come from grade point averages, teacher recommendations, or standardized test scores. Some AP courses require students to complete a pre-test in the subject area. It is recommended that students be at least sophomores before enrolling in an AP class.

Students who enroll in an AP class must schedule a regular block of time to work on-line in the Talented and Gifted Room. To enroll in an AP course, students must receive permission from the School Counselor and the Talented and Gifted instructor.

AP Calculus AB

Recommended: Trigonometry, & Pre-Calculus

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP Exam and further studies in science, engineering, and mathematics.

AP Chemistry

Recommended: Chemistry & Algebra II

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

After studying the structure of atoms, molecules, and ions, students solve quantitative chemical problems and explore how molecular structure relates to chemical and physical properties. Students will examine the molecular composition of common substances and learn to predictably transform them through chemical reactions. The equivalent of an introductory college-level chemistry course, AP Chemistry

prepares students for the AP Exam and for further study in science health sciences, or engineering.

AP English Language & Composition

Recommended: Advanced English

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Students read works from a variety of authors, exploring language, including syntax, imitation, word choice, and tone. They'll also learn about their own composition style and process, starting with exploration, planning, and writing, and continuing through editing, peer review, rewriting, polishing, and applying what they learn in many contexts. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam and for further study in communications, creative writing, journalism, literature, and composition.

AP English Literature & Composition

Recommended: Advanced English

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Students immerse themselves in novels, plays, poems, and short stories from various periods.

Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam and for further study in creative writing, communications, journalism, literature, and composition.

AP French Language

Recommended: 3+ yrs French or equivalent

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester (Two Semesters)

AP French Language students apply their French grammar and vocabulary knowledge and their listening, reading, speaking, and writing skills to a wide variety of real-world contexts. Students learn to speak fluently and accurately, write complicated compositions, and comprehend native speakers. The equivalent of a college-level language course, AP French Language prepares students for the AP EXAM and for further study of French language, culture, or literature.

AP Macroeconomics

Recommended: Algebra II

Suggested Grade Level: 9, 10, 11, 12

Length: First or Second Semester

Students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. The equivalent of a 100-level college-level class, this course prepares students for the AP Exam and for further study in business, political science, and history.

AP Microeconomics

Recommended: Basic Algebra

Suggested Grade Level: 9, 10, 11, 12

Length: First or Second Semester

Students investigate the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, and at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under different economic conditions. The equivalent of an introductory college level

course, AP Microeconomics prepares students for the AP Exam and for further study in business, history, and political science.

AP Physics

Recommended: Algebra II, Physics

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

AP Physics B is a non-calculus survey course covering five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. Students will gain an understanding of physics' core principles and then apply them to problem-solving exercises. The equivalent of an introductory college-level course, AP Physics B prepares students for the AP Exam and for further study in science and engineering. The College Board strongly recommends Physics B as a second-year course following the usual introductory physics course

AP Spanish Language

Recommended: 3+ years of Spanish or equivalent

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

Students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they've learned in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of all verb forms and tenses. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP Exam and for further study of Spanish language, culture, or literature.

AP Statistics

Suggested Grade Level: 9, 10, 11, 12

Length: First and Second Semester

AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They'll learn to effectively design and analyze research studies by reviewing and evaluation real research examples taken from daily life. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP Exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.

Post-Secondary Course Opportunities

Following are descriptions of courses that may be completed for both college and high school credit. These courses will require special registration procedures and may have additional admissions requirements. Please stop in the counseling office for additional information.

Dual Credit Classes

Dual credit courses are offered through an agreement with Southeastern Community College. These courses earn both college and high school credits with every three hours of college credit earning one high school credit. Dual credit courses are offered at various locations with some taught at Mediapolis Community High School. An SCC instructor teaches the courses and the curriculum is the same as that taught to other college students.

Advantages of the dual credit programs for students are:

- *They save time and money with the chance to get a jump-start on college
- *They gain experiences, which lead directly to degrees, diplomas, certification and/or apprenticeships.
- *They receive SCC privileges, including use of the library and free admission to sporting events.
- *They have increased opportunities to earn scholarships from SCC and other colleges.
- *Courses are taught by SCC instructors, most of who have had extensive employment experience in their field of expertise.

Students who are interested in enrolling in any of these courses must see the school counselor. Dual credit courses are normally limited to juniors and seniors, though sophomore students who are identified as talented and gifted may also enroll.

Iowa Communications Network Courses

The Iowa Communications Network offers students an opportunity to take courses via a fiber optics connection at Mediapolis Community High School. This involves interactive communication between a sending site and one or more receiving sites. With video (via television screens) and audio (via microphones) students can see, hear and respond to what is happening in a classroom at a distant site.

Many of these courses originate at Southeastern Community College and are available to Mediapolis Community High School students for both college and high school credit. Most of the courses offered by SCC are covered under the Post Secondary Enrollment Options Act. (See the next section for details on PSEO).

Previous courses offered over the ICN by Southeastern Community College were:

Elementary French I & II	Elementary German I & II
Introduction to Criminal Justice	Developmental Psychology

To register for these courses, students must contact the school counselor and complete enrollment forms. At least four students must register at a site to have the course taught at that location. If a course is canceled, students may still be able to take the course on the SCC campus under the PSEO agreement, but would have to supply their own transportation to the class.

SCC may offer these or additional courses during the 2008-2009 school year. Also, additional courses may be available via the ICN from other high schools and colleges. Announcements on those course will be made as the information becomes available.

Other Post Secondary Enrollment Options

The Post Secondary Enrollment Options Act allows 11th & 12th grade students, and younger students who have been identified as talented and gifted, to enroll part time (less than 12 hours per semester) at eligible community colleges, state universities, or private college or universities. Students may enroll only in courses which are not offered at their high school. Southeastern Community College offers a similar program called PACE (Post-secondary Accelerated Credit Experience).

Under the PSEO Program, the high schools will pay tuition, books and fees to a maximum of two hundred and fifty dollars per course. Reimbursement must be made by the student should they not complete the course or receive a failing grade in the course.

Under the PACE Program, the high school will pay for tuition. Students must purchase the books. If they successfully complete the course (C- or better grade) and present a receipt for the book, the school will refund one half of the original purchase price. Special arrangements may be made for students who meet income guidelines. Reimbursement must be made by the student should they not complete the course or receive a failing grade in the course.

Students may receive credits both in high school and at the post secondary institution if they complete the course successfully. Students who receive passing grades in courses have the option of whether to have them included in their high school grade point average. The grades automatically become part of the post secondary transcript. Students interested in taking post-secondary courses must see the school counselor for registration materials and counseling on eligible courses. Registration is required to be completed within two weeks of registration opening for the high school courses.

Since the number of courses available to students under the PACE & PSEO is limited only by the number of courses available at the state's community colleges and universities, they cannot all be listed here. Traditionally, most students have enrolled at Southeastern Community College, on-line through Graceland University, or in correspondence classes from one of the three state universities. College catalogs and correspondence catalogs are available in the counseling office or students may go to the school's web sites. A listing of courses offered by Graceland University follows. Other course offerings may be accessed at the following web sites.

Southeastern Community College -	www.secc.cc.ia.us
University of Iowa	www.uiowa.edu
University of Northern Iowa	www.uni.edu
Iowa State University	www.iastate.edu
Iowa Wesleyan College	www.iwc.edu

Examples of the courses taken under PSEO in the past by Mediapolis Community High School students include: Developmental Psychology, Introduction to Theatre, Emergency Medical Training: Basic, Chemistry for the Health Sciences, Music Theory II, Ear Training & Sight Singing II, Contemporary Social Problems, History of World Civilizations II, Interpersonal Communications, Nurse Aid, Introduction to Networking, Programming in C, Elementary French.

Career Academy

Several courses are offered by Southeastern Community College specifically for high school students through the career academy program. These courses are for dual credit – both high school and college.

Tuition is paid by the high school. Students must purchase the books. If they successfully complete the course (C- or better) and present a receipt for the book(s), the school will refund one half the original purchase price. Special arrangements may be made for students who meet income guidelines.

Career Academy courses will be offered in the following areas: Agriculture, Auto Technology and Auto Collision Repair, Construction Technology, Graphics and Media Communication, Health Sciences and Welding. For a complete listing of courses and course locations, stop in the counseling office. Students must register through the counseling office within two weeks of the high school registration opening date.

1st SEMESTER

Agricultural Science

Agriculture I A (48)
Agriculture II A (49)
Agriculture III A (50)
Agriculture IV A (52)
Advanced Animal Science
(53)
Ag. Independent Study (55)

Art

Art Fund. 2D (59)
Art Methods 2D (60)
Art Studio (61)
Art Independent Study (64)

Business & Commercial

Computer Applications A
(66)
Accounting A (69)
Business Systems A (70)
Technology & Business
Independent Study (68)
Accounting A (69)

English (7 Required)

English (12)
Speech (11)
Elements of Writing (13)
Advanced Speech (14)
Speech Credit
#Publications (15)
Creative Writing (16) *Writing
Credit*
Advanced Literature (19)
Literature Credit
Fact & Fiction (17)
Literature Credit
#Advanced Drama (20)
Speech Credit
#Ind Study Adv Drama (21)
Speech Credit
Humanities (23) *Literature
Credit*
#Advanced English Ind.
Study (22)

Family & Consumer Sciences

Family & Consumer Science
I (84)
& Family & Consumer
Science III (85)
Independent Living I (87)
^Child Nutrition (73)

Foreign Language

Spanish I a (76)
Spanish II a (77)
Spanish III a (78)
Spanish IV a (79)
#Spanish Independent Study
(80)

Health

Health I (88)

Industrial Technology

Engineering 1 (92)
Engineering 2 (93)
Three Dimensional Modeling
(95)
Communications Technology
(94)
Industrial Technology
Independent Study (96)

Mathematics (Required – 4 Semesters)

#General Math A (1)
#Basic Algebra A (2)
Algebra Ia (3)
Algebra IA a (72)
Geometry A (4)
Algebra II A (5)
Calculus a (7)
Consumer Math (6)

Music

Band (102)
Concert Chorus (104)
Chamber Choir (274)
Exploring Music (103)
Advanced Music Independent
Study (105)

Physical Education (Required 4 Semesters)

Physical Education (116)
Physical Education Varsity
Sport (82)
Weight Training (117)

Science (Required – 4 Semesters)

Physical Science A (27)
Biology I A (26)
Biology II A (31)
Body Systems (37)
Genetics (38)

Chemistry a (29)

Anatomy A (33)
Environmental Science A
(30)
Horticulture A (51)
Physics A (32)
#Science Independent Study
(35)

Social Studies (Required – 6 Semesters)

Western Civilization (40)
World Geography (39)
American History A (41)
American Government (42)
Economics A (45)
Sociology (43)
Social Studies Independent
Study (44)

Multi-Disciplinary

Career Decision Making
(109)
Cooperative Employment-
(114) A Day & (115) B
Day
Mentoring (110)
Honors Symposium (100)
*Drivers Education (111)

Resource

Resource Room (120)
Woodruff & Lauer
Resource Room (121) Logan
SCI (122) Lauer

**& Offered in years starting
with odd numbers**

**^ Offered in years starting
with even number**

*** Indicates the class is .5
credits**

**Underlined classes on this
page are required.**

**# May not count toward
admission requirements
at some colleges.**

2nd SEMESTER

Agricultural Science

Agriculture I B (248)
Agriculture II. B (249)
Agriculture III B (250)
Agriculture IV B (252)
Agriculture Sales (251)
Ag. Independent Study (255)

Art

Art Fund. 3D (259)
Art Methods 3D (260)
Art Studio (261)
Art Independent Study (264)

Business & Commercial

Computer Applications A (266)
Computer Applications B (267)
Business Systems B (270)
Technology & Business
Independent Study (268)
Accounting B (269)
Business Ethics (271)

English (Required - 7 Semesters)

English (212)
Speech (211)
#Dramatics (214)
#Mass Communications (213)
Advanced Speech (14)
#Advanced Publications (215)
Creative Writing (216)
Expository Writing (221)
20th Century Literature (218)
Advanced Literature (219)
Fact & Fiction (217)
#Advanced Dramatics (20)
Independent Study Advanced
Dramatics (210)
Literary Analysis (220)
Reading Strategies (223) *Not an
English Credit*
#Advanced English Ind. Study
(222)

Family & Consumer Sciences

Family & Consumer Sciences II
(284)

&Family & Consumer Science
IV (285)

^Family & Consumer Science
V (286)

& Independent Living II (287)

^Nutrition (273)

Foreign Language

Spanish I B (276)
Spanish II B (277)
Spanish III B (278)
Spanish IV B (279)
#Spanish Independent Study
(280)

Health

^ Health II (288)
& Health III (289)

Industrial Technology

Construction (292)
Wood Tech (295)
Advanced Construction (293)
Communications Technology
(294)
Industrial Technology
Independent Study (296)

Mathematics (Required – 4 Semesters)

#General Math B (201))
#Basic Algebra B (202)
Algebra Ib (203)
Algebra IA b (272)
Geometry B (204)
Algebra II B (205)
Discrete Mathematics (208)
Calculus B (207)
Consumer Math (206)

Music

Band (302)
Concert Chorus (304)
Chamber Choir (484)
Exploring Music (303)
Advanced Music Independent
Study (305)

Physical Education

(Required 4 Semesters)

Physical Education (316)

Physical Education Varsity
Sport (482)

Weight Training (317)

Science (Required – 4 Semesters)

Physical Science B (227)
Biology I B (228)
Biology II B (231)
#Body Systems (237)
Genetics (328)
Chemistry B (229)
Anatomy B (233)
Environmental Science B (327)
Horticulture B (351)
Physics B (232)
#Advanced Science
Independent Study (235)

Social Studies (Required – 6 Semesters)

Western Civilization (240)
World Geography (239)
American History B (241)
Law & Courts (242)
^Conflicting Cultures (247)
&Modern US History (246)
Economics B (245)
Psychology (243)
Social Studies Independent
Study (244)

Multi-Disciplinary

Careers (309)
Co-op (314) A Day & (315) B
Day
Mentoring (310)
Honors Symposium (300)

Resource

Resource Room (320)
Woodruff & Lauer Resource
Resource Room (321) Logan
SCI (322) Lauer

& Offered in years starting w/odd numbers

^ Offered in years starting
w/even number

