

COMMUNICATION ARTS DEPARTMENT—Four units of Communication Arts are required for graduation. English I, II, III required. Seniors may choose English IV or English Comp I/Intro to Literature.

ADVANCED ENGLISH I- 1 Credit – Weight 1.25 –Prerequisite: “B” or above in previous English class and teacher recommendation.

This full year college-preparatory course is designed to provide students the opportunity to practice the basic knowledge and skills needed to communicate successfully at an accelerated rate. Students will learn and practice skills in writing, reading, information literacy and listening/speaking. Students will explore a variety of literature including technical reading and writing. Advanced English I students will also cover the same content and skills covered in English I; however, they will be expected to complete enrichment activities and assignments not provided in English I.

COLLEGE-PREPARATORY ENGLISH I- 1 Credit – Weight 1.0 – No prerequisite. This full year college-preparatory course is designed to provide the basic knowledge and skills needed to communicate successfully. Students will learn and practice skills in writing, reading, information literacy and listening/speaking. Students will explore a variety of literature including technical reading and writing.

ADVANCED ENGLISH II – 1 Credit – Weight 1.25 – Prerequisite: “B” or above in English I and teacher recommendation. This full year college-preparatory course is designed to provide the basic knowledge and skills needed to communicate successfully at an accelerated rate. Students will learn and practice skills in writing, reading, information literacy, and listening/speaking. Students will explore a variety of literature including technical reading and writing. Advanced English II students will be expected to cover the same content and skills covered in English II; however, they will also complete enrichment activities and assignments not provided in English II.

COLLEGE-PREPARATORY ENGLISH II – 1 Credit – Weight 1.0 – Prerequisite: English I. This full year college-preparatory course is designed to continue to provide the basic knowledge and skills needed to communicate successfully. Students will continue to learn and practice skills in writing, reading, information literacy, and listening/speaking. Students will continue to explore a variety of literature including technical reading and writing.

ADVANCED ENGLISH III – 1 Credit – Weight 1.25 – Prerequisite: “B” or above in English II and teacher recommendation. This full year college-preparatory course is designed as an extension of Eng. II and further develops the knowledge and skills needed to communicate successfully, at an accelerated rate. Students will work toward the mastery of skills in writing, reading, information literacy, and listening/speaking. Students will continue to explore a variety of literature including technical reading and writing. Advanced English III students will be expected to cover the same content and skills covered in English III; however, they will also complete enrichment activities and assignments not provided in English III.

COLLEGE-PREPARATORY ENGLISH III – 1 Credit – Weight 1.0 – Prerequisite: English II. This full year college preparatory course is designed as an extension of Eng. II and further develops the knowledge and skills needed to communicate successfully. Students will work toward the mastery of skills in writing, reading, information literacy, and listening/speaking. Students will continue to explore a variety of literature including technical reading and writing.

COLLEGE PREPARATORY ENGLISH IV – 1 Credit – Weight 1.0 – Prerequisite: English III. This full year college preparatory course consists of the study of composition, writing for enjoyment and technical writing. The course also includes the study of a wide variety of literature. Major emphasis is placed on developing communication skills for students after high school through reading, problem solving strategies, group work with class presentations and information literacy.

ENGLISH COMP I – ½ Credit/3 hrs of College Credit – Weight 1.75 – Prerequisite: A grade of “B” or higher in English III. English Comp. I consists of a general review of grammatical construction and the study of various types of composition including information literacy and vocabulary study. This course may be taken as dual credit.

INTRO TO LITERATURE – ½ Credit/3 hrs of College Credit – Weight 1.75 – Prerequisite: A grade of B or higher in English III. Intro. to Literature consists of the study of different types of literature. Special attention is given to literary forms and terminology. Emphasis is also placed on developing a reading process and information literacy. This course may be taken as dual credit.

NOVELS – ½ Credit – Weight 1.50 – Prerequisite: Recommended Junior or Senior with “C” or better in an English class. Novels is designed to introduce students to the reading of the novel, exposing them to the themes and purposes of each, as well as to the joy of reading. Writing, research, and critical thinking skills are further developed through essays, research projects, journal writing, presentations, group discussions, and Socratic seminars.

LITERATURE STUDIES – ½ Credit – Weight 1.50 – Prerequisite: Recommended Junior or Senior with “C” or better in an English class. Literature Studies is designed to expand students existing knowledge of the novel, fiction, poetry, drama, and the essay. This course includes the reading of each genre, as well as interpretation, critical analysis, and comparison of the different forms. Writing, research, and critical thinking skills are further developed through essays, research projects, journal writing, small and large group Socratic Seminars, and presentations.

LITERATURE IN FILM--½ Credit – Weight 1.50 – Prerequisite: Recommended Junior or Senior with “C” or better in an English class. Students in this class will study film both as an art form and as a form of communication. Students will learn how to “read” a film, analyzing its narrative structure, the technical and artistic skills involved in movie production, and the overall intended purpose of the film. In addition, students will examine how films reflect the times in which they are made, as well as how motion pictures help to shape attitudes and values in society. This course will aid in the development of critical thinking skills as students study each film and assess its artistic and cinematic significance. This class will use discussion, Socratic seminars, group work, research, and writing in the study of each film.

CREATIVE WRITING--½ Credit– Weight 1.25 – Prerequisite: Recommended “B” or above in previous English class This advanced course will include the writing of poetry, fiction, and drama; a study of literary terms and concepts; close reading and analysis of literary samples in each genre; close reading and critiquing of each student's own work; and related writing, such as journals. Students selecting this course should be competent writers who enjoy writing, want to improve their writing skills, want to become better readers of literary writing, and are interested in a close and honest observation of their own experience, both real and imaginative. This semester class is for grades 10-12.

COMPETITIVE SPEECH (Speech I) – ½ or 1 Credit – Weight 1.50 – Prerequisite: Recommended “C” or above in previous English class. Competitive Speech (Speech I) is designed for the student interested in the oral performance of literature for the purpose of competitive speech. First semester students will be taught skills and techniques for individual interpretation and performance of children's stories, drama, prose, and poetry. Second semester students will engage in group interpretation of literature, extemporaneous speaking, radio announcing, original oratory and debate. Participation in at least two events at a speech meet and several in-class performances will be required for this class. This course is a semester course for grade levels 10-12. It may be repeated with teacher approval.

PUBLIC SPEAKING (Speech II) – ½ Credit/3 hrs of College Credit – Weight 1.75 – Prerequisite: Recommended “B” or above in previous English class. Public Speaking (Speech II) emphasizes effective communication in public situations through the design and delivery of informal speeches, open forum discussions, and practice in impromptu and extemporaneous speaking. This course may be taken as dual credit.

DEBATE – ½ or 1 Credit – Weight 1.50 – Prerequisite: “B” or better in Competitive Speech or an English class. Debate is an advanced course designed to allow students to develop skills in debate. Both Lincoln Douglass, Cross Examination and Public Forum debate will be covered. This is a semester class for grades 10-12. It may be repeated with teacher approval.

MATHEMATICS CREDITS: FOUR UNITS OF MATHEMATICS REQUIRED FOR GRADUATION. ONE MATH CREDIT MUST BE EARNED IN THE SENIOR YEAR.

Postsecondary Path--Algebra I A, Geometry, Algebra I B, and Math Analysis. OR if Algebra I completed before the 9th grade, Advanced Geometry, Algebra II, Trig/Pre-Cal, Calculus or College Algebra/College Trig and other math classes as electives. OR Algebra I, Advanced Geometry, Algebra II and Trig/Pre-Cal or Algebra III and other math electives.

ALGEBRA I A – 1 Credit – Weight 1.0 – Prerequisite: None. Algebra 1A is a class designed to be taken the freshman year of high school and be followed up with Algebra 1B, essentially giving the student the knowledge of the topics learned in Algebra 1 while spreading it out over two years. Algebra 1A starts with pre-algebra review and finishes with the foundations for a bridge to the abstract thinking needed to be successful in Algebra. The class starts with a review of integers and real numbers and operations on these numbers. The class topics will include basic statistics, solving equations, area and volume, probability, and systems of equations, but are not limited to these.

ALGEBRA I B – 1 Credit – Weight 1.0 – Prerequisite: Algebra 1A and Geometry. Algebra I B is a class designed to be taken during the junior year of high school and be followed up with Math Analysis. After completion of this course, the student should have the knowledge of the topics learned in Algebra I. Algebra IB continues the foundation for a bridge to the abstract thinking needed to be successful in geometry and beyond. The class topics include simplifying expressions, solving equations, more complex area and volume problems, probability, function notation, and some typical review of basic Algebra skills.

ALGEBRA I – 1 Credit – Weight 1.25 – Prerequisite: High level of math skills recommended. Algebra I is a college preparatory course that integrates geometry, probability, and statistics together with Algebra. Students learn to use mathematics effectively through problem-solving experiences that include use of higher-order thinking skills in daily assignments, a wide variety of problem types in the questions, and open-ended problems. They also learn to read and understand mathematics on their own, and to express this understanding both orally and in writing. Upon completion of this course, students should have mastered the skills necessary to enter Advanced Geometry.

ALGEBRA II – 1 Credit – Weight 1.25 – Prerequisite: Recommended “C” or above in Algebra I and/or Advanced Geometry. The content and questions of this course integrate geometry, probability, statistics and discrete mathematics together with algebra. Pure and applied mathematics are also integrated throughout the course. However, algebra is the base from which the various branches of math studied in this course originate. Topics covered include but are not limited to: functions, matrices, systems of equations, quadratics, exponents, radicals and variation. Upon successful completion of this course, students should be ready to move on to Trigonometry, Algebra III or College Algebra.

ALGEBRA III – 1 Credit – Weight 1.50 – Prerequisite: Algebra II or Teacher Recommendation Algebra III is a 12th grade college-prep math class. The purpose of the class is to prepare students for success in College Algebra. Another goal of the class is to prepare students for the math part of the ACT exam. Topics covered will include but are not limited to: Graphing, systems of linear equations, solving equations, exponents, and polynomials, roots and radicals, quadratics, exponential and logarithmic functions, non-linear functions, and use of the TI-82 graphing calculator. This class is designed to be similar to Intermediate Algebra at a junior college, however, college credit will not be awarded for successful completion of this class.

ADVANCED GEOMETRY – 1 Credit – Weight 1.25 – Prerequisite: Recommended “C” or above in Algebra I. Geometry is a course in which students will discover and study geometric relationships by emphasizing and integrating logical reasoning and spatial visualization skills. Major concepts will include deductive reasoning, congruence and similarity, constructions, and area of plane figures. After successfully completing this course a student should have mastered the necessary math skills to enter Algebra II, college or advanced technical training.

GEOMETRY – 1 Credit – Weight 1.0 – Prerequisite: Algebra I A. Geometry uses the same integrated set of instructional materials as Algebra I A. The course focuses on the key topics that provide a strong foundation in the essentials of geometry. Topics include segments and angles, parallel lines, perpendicular lines, triangle relationships, similarity, area, surface area, and volume. A review of basic Algebra and a review of how to be successful on the MAP test are also included in this sophomore class.

MATH ANALYSIS –1 Credit-- Weight 1.0 – Prerequisite: Algebra I A, Algebra I B, Geometry. Math Analysis is designed to review and expand upon the concepts discovered and used in Algebra I A, Algebra I B, and Geometry. The course involves the use of equations and inequalities, exponents, polynomials, roots and radicals and quadratic equations. This course is designed to be similar to the Elementary Algebra course at a junior college, however, college credit will not be awarded for successful completion of this class. The purpose of the class is to prepare students for success in Intermediate Algebra or College Algebra.

TRIGONOMETRY/PRE-CALCULUS – 1 Credit – Weight 1.50 – Prerequisite: Recommended “C” or above in Algebra II. Trigonometry/Pre-Calculus includes topics in trigonometry, analytic geometry and beginning calculus. Major topics include solutions of triangles, conic sections, distance formulas, functions, zeros of a function, graphing functions, limits and derivatives. Any student attending a college or post secondary training should find this course very helpful.

CALCULUS – 1 Credit – Weight 1.75 – Prerequisite: Recommended “C” or above in Trigonometry/Pre-Calculus. Calculus includes a good review of advanced algebra, geometry, and trigonometry. The new material includes limits, derivatives, and integrals along with their application to problem solving. Upon completion of this course, a student should be well prepared to enter college and major in mathematics or engineering.

COLLEGE ALGEBRA – 1 Credit/3 College hours – Weight 1.75 – Prerequisite: A minimum ACT score of 24 or COMPASS Algebra score of 67-100 or COMPASS College Algebra score of 52-58. College Algebra is a course which presents a logical and rigorous treatment of algebra including the following topics: the properties of linear equations and linear functions; graphs of linear equations and linear, quadratic, polynomial and rational functions; the algebra of functions; finding solutions of polynomial functions; exponential and logarithmic functions; solving systems of equations. Topics will be treated in detail and in depth.

COLLEGE TRIGONOMETRY – 1 Credit/3 College hours – Weight 1.75 – Prerequisite: A minimum ACT score of 25 or COMPASS Algebra score of 67 or C or better in MAT 123 College Algebra. College Trigonometry is a study of trigonometric functions; angle measure, trigonometric identities and conditional equations, solutions of right and general triangles; graphic representation of the trigonometric functions, inverse trigonometric functions and equations and application of vectors.

SCIENCE CREDITS: Three units of Science are required for graduation.

Postsecondary Path—Physics First, Biology, and Chemistry I or Advanced Physics First, Advanced Biology and Advanced Chemistry I, Anatomy/Physiology, Genetics, Botany/Zoology and/or Advanced Chemistry II, Physics

PHYSICS FIRST – 1 Credit – Weight 1.0 – Prerequisite: None. Physics First is a college preparatory required freshman-level course. Emphasis is placed on providing hands-on practical learning with the emphasis on application of everyday life. The course also puts an emphasis on the use of algebraic-based problem solving. Units of study will include overlying Physics concepts such as Forces, Motion, Energy and Systems.

ADVANCED PHYSICS FIRST – 1 Credit – Weight 1.25 – Prerequisite: Teacher Recommendation.

Advanced Physics First is a college preparatory required freshman-level course. Emphasis is placed on providing hands-on practical learning with the emphasis on application of everyday life. The course also puts an emphasis on the use of algebraic-based problem solving. Units of study will include overlying Physics concepts such as Forces, Motion, Energy and Systems. Students are selected to be in Advanced Physics First because of higher-level science skills.

BIOLOGY – 1 Credit – Weight 1.0 – Prerequisite: Physics First; Sophomore Requirement (or may take Advanced Biology). Biology is designed to promote comprehension at a controlled reading level. It starts with the basic levels of biological organization and proceeds logically to the more complex levels. Emphasis is placed on the contributions of science in daily living, curiosity about the natural environment and the complexity of life and living things.

ADVANCED BIOLOGY – 1 Credit – Weight 1.25 – Prerequisite: Physics First; Sophomore Requirement (or may take Biology). Advanced Biology is designed to develop critical and creative thinking skills for the college bound student and the development of scientific literacy and thinking skills for everyday life. The student will acquire a clear understanding of key biological concepts and ideas placing emphasis on scientific problem solving and the inquiry processes.

GENETICS – 1 Credit – Weight 1.50 – Prerequisite: Recommended “B” or above in Advanced Biology. Genetics is designed to present students with the biological rationale for making sound environmental decisions in their daily lives. As society becomes more technologically advanced, people need to become more aware of the future implications of such advances. Emphasis will be placed on communication between cells, molecular basis of development and inheritance, stem cell usage, as well as a unit in forensic science.

ANATOMY/PHYSIOLOGY – 1 Credit – Weight 1.50 – Prerequisite: Recommended “B” or Above in Biology. Anatomy/Physiology is the study of the structure and function of the human body beginning with the physical basis of life and proceeding through various levels of increasing complexity. Emphasis is placed on homeostasis and homeostatic regulating mechanisms, the interaction between humans and their environments and metabolic processes.

BOTANY – ½ Credit – Weight 1.50 – Prerequisite: Recommended “B” or Above in Biology. Botany is designed to develop critical and creative thinking skills for the college-bound student and to develop scientific literacy and inquiry skills for everyday life. The student will acquire knowledge of the structure and function of nonvascular and vascular plants. The student will also gain an understanding of plant growth, development, heredity, classification ecology and evolution. Special attention will be given to local plant species.

ZOOLOGY – ½ Credit – Weight 1.50 – Prerequisite: Recommended “B” or Above in Biology. Zoology is designed to develop critical and creative thinking skills for the college-bound student and to develop scientific literacy and inquiry skills for everyday life. The student will acquire knowledge of the nine major phyla of the animal kingdom with specific interest placed on the five vertebrate classes. In addition, students will become familiar with local species of the animal kingdom.

CHEMISTRY I – 1 Credit – Weight 1.0 – Prerequisite: Physics First; Biology/Advanced Biology; Junior Requirement (or may take Advanced Chemistry I). Chemistry I is a requirement for all juniors who have not taken Chemistry I. Emphasis is placed on acquiring useful knowledge and skills as related to grade level expectations in Science. Units on physics, earth science, ecology and astronomy will be integrated into the Intermediate Chemistry class. Experimental design will be emphasized in all units.

ADVANCED CHEMISTRY I – 1 Credit – Weight 1.25 – Prerequisite: Recommended “C” or Above in Physics First. Advanced Chemistry I emphasizes the application of chemical principles to real work world situations as much as possible. It includes group-learning activities with an emphasis on mastery learning. Labs of the structured and unstructured discovery type are used, as are computer simulations and the use of multi-media teaching techniques.

ADVANCED CHEMISTRY II - 1 Credit/5 Sem. Hours of College Credit – Weight 1.75 -

Prerequisite: Recommended “C” or Above in Advanced Chemistry I. Chemistry II begins with a review of the basic concepts of chemistry, which were taught in Advanced Chemistry I. Following this segment, several topics will be covered in-depth—molecular geometry, chemical kinetics, chemical equilibrium, chemical thermodynamics, electrochemistry, nuclear chemistry, organic chemistry, and biochemistry.

PHYSICS – 1 Credit – Weight 1.75 – Prerequisite: Recommended “C” or Above in

Trigonometry/Pre-Calculus. Physics emphasizes developing a problem solving approach with a lot of practice in solving problems. This approach has been successful in preparing students for college physics as well as providing the students who do not take the course in college with an understanding of the subject.

SOCIAL STUDIES CREDITS: Three units of Social Studies are required for graduation. All students are required to take American History or Dual Credit American History I/II, Government or Advanced Government, and World History. Social Studies—Freshmen take American History, Sophomores take World History, Juniors take Government.

AMERICAN GOVERNMENT – 1 Credit – Weight 1.0 – Prerequisite: None. American Government is a college preparatory required full year course. This course is designed to provide students with an understanding of governmental matters at the national, state, and local levels. The course emphasis is on democratic values of our political system. Good citizenship and the responsibility of living within the laws of our society are areas that are cultivated in each student. This course will help to instill these qualities and develop skills of good citizenship, provide knowledge of the United States and Missouri Constitutions and help students appreciate contemporary issues.

ADVANCED AMERICAN GOVERNMENT- 1 Credit- Weight 1.25 – Prerequisite: Teacher recommendation. Advanced American Government is a college preparatory course that covers the curriculum at an accelerated pace. This course is designed to provide students with an understanding of governmental matters at the state and national level. The course emphasis is on the democratic values of our political system, where the ideas about liberty, justice, and equality come from, and what they meant to the nation’s Founders and to the Framers of its Constitution. The principles of government that are intended to protect each individual’s right to the enjoyment of these ideas are studied and analyzed, beginning with the ideas that inspired the Founders and continuing through the world we live in today. Students in this class will be expected to complete enrichment activities and assignments in addition to the basic requirements of American Government.

AMERICAN HISTORY – 1 Credit – Weight 1.0 – Prerequisite: None. American History is a college preparatory required full year course. This course will emphasize the impact of historical events on contemporary America. The goal of the course is for students to utilize critical thinking and writing within a framework of historical understanding. The course has as its focus American History since 1877. Events included in American History are: Reconstruction, The American Western Frontier, The Gilded Age, Progressive America, WWI, The Roaring Twenties, The Great Depression, WWII, Social and Civil Rights Movements, Economic Policy of the 1980s, and Cultural Revolutions within the 1990s.

DUAL CREDIT AMERICAN HISTORY I – ½ Credit/3 hrs of College Credit – Weight 1.75 –

Prerequisite: None. American History I is a dual enrollment course for juniors and/or seniors. It may be taken as an alternative to American History for high school credit (1 semester) and students may also opt to earn 3 hours of college credit through MAC by enrolling, paying tuition, and successfully completing the course work. American History I begins with a study of Native Americans and the arrival of Europeans to America and continues through the Civil War and Reconstruction.

DUAL CREDIT AMERICAN HISTORY II – ½ Credit/3 hrs of College Credit – Weight 1.75 –

Prerequisite: American History I. American History II is a dual enrollment course for juniors and/or seniors. It may be taken as an alternative to American History for high school credit (1 semester) and students may also opt to earn 3 hours of college credit through MAC by enrolling, paying tuition, and

successfully completing the course work. American History II begins with post-Reconstruction America and continues through to current American events.

WORLD HISTORY – 1 Credit – Weight 1.0 – Prerequisite: None. World History is a required college preparatory full year course intended for sophomores. This course investigates human history from prehistoric times to the present. Approaches will be chronological, conceptual, evaluative and factual. Study will include cultures, religions, economic systems, political systems and other institutions established by humans through the ages to enhance or cope with group living. The course offers the historical information to interpret the past, enhance the perception of the present and encourage a vision of the future.

PSYCHOLOGY – ½ Credit – Weight 1.25 – Prerequisite: None. Psychology is an elective college preparatory semester course intended for juniors or seniors. This course focuses on the scientific study of human and animal behavior, investigating such topics as the approaches to psychology; the brain, body and senses; cognitive processes; human development; personality; adjustment and conflict and psychological disorders. This course is offered first semester with Sociology being offered second semester.

SOCIOLOGY – ½ Credit – Weight 1.25 – Prerequisite: None. Sociology is an elective college preparatory semester course intended for juniors or seniors. This course focuses on the scientific study of society and culture, investigating such topics as social structure; conformity and deviance in society; social institutions; socialization of humans; continuity and change; and social problems. This course is offered second semester with Psychology being offered first semester.

CRIMINAL JUSTICE – 1 Credit – Weight 1.25 – Prerequisite: Must be a Junior or Senior and have made a C or better in American History and World History. Criminal Justice is an elective course intended for juniors and seniors. This course focuses on how the criminal justice system works and how it relates to students. Students will study crime and the system, police and privacy rights, the court system and the right to a fair trial, juvenile justice, and the correctional system.

PRACTICAL ART CREDITS: One unit of Practical Arts is required for graduation.

INDUSTRIAL ARTS

MATERIALS AND PROCESSES (GENERAL SHOP) – 1 Credit – Weight 1.0 – Prerequisite: Participants are financially responsible for materials and supplies, equipment abuse, eye, noise, and clothing protection, and locker security. Materials and Processes is designed to introduce the student to a wide range of experiences with hand, portable, and stationary power tools used in both metal and wood fabrication. Students will obtain basic exposure to several materials and industrial processes by designing projects including welding, foundry, sheet metal, and woodworking. Developing desirable attitudes, safe work habits, pride in workmanship, and good self-discipline are emphasized.

C.A.D. – 1 Credit – Weight 1.25 – Prerequisite: None. C.A.D. provides basic instruction in the high technology area of computer-aided design. The course helps students develop the necessary technical skills which will enable them to communicate and express their ideas in an understandable, efficient and accurate manner. Students will be assigned a variety of graphic designs requiring students to develop problem-solving techniques. Students will be initially assigned a limited number of introductory problems to be solved manually by mechanical drawing methods. Students should expect to spend approximately 80% of their lab time in Auto CAD LT. Students will be evaluated on accuracy, technique, neatness, and speed. Some mechanical drawing equipment will be required for the successful completion of the class. The school stocks this equipment for sale at cost. This expense will total approximately \$15-\$20.

C.A.D. II – 1 Credit – Weight 1.50 – Prerequisite: C.A.D. I and Teacher Recommendation. C.A.D. II provides basic instruction in the high technology area of computer-aided design. The course helps students develop the necessary technical skills which enable them to communicate and express their ideas in an understandable, efficient and accurate manner. Students will be assigned a variety of graphic designs requiring students to develop problem-solving techniques. Students will be initially assigned a limited number of introductory problems to be solved manually by mechanical drawing methods. Students should expect to spend approximately 80% of their lab time in AutoCAD LT. Students will be evaluated on accuracy, technique, neatness, and speed. Some mechanical drawing equipment will be required for the

successful completion of the class. The school stocks this equipment for sale at cost. This expense will total approximately \$15-\$20.

FAMILY & CONSUMER SCIENCE:

FAMILY AND CONSUMER RESOURCE MANAGEMENT – 1/2 Credit – Weight 1.0 –

Prerequisite: None. Family and Consumer Resource Management is an instructional program that prepares individuals to understand the values, needs, wants, goals, and resources that enable youth and adults to make rational decisions that contribute to family stability and quality of life. This program is designed to help students learn basic economic concepts related to their roles as consumers, producers, and citizens. Emphasis is placed upon money management and using information to make wise consumer choices when making selections in daily or major purchases. There is instruction in budgeting and spending plans; use of credit; savings; investments; taxes; consumer buying; and consumer rights and responsibilities.

NUTRITION & WELLNESS – 1/2 Credit – Weight 1.0 – Prerequisite: None. Nutrition & Wellness is an instructional program that prepares individuals to understand the principles of nutrition; the relationship of nutrition to health and wellness; the selection, preparation and care of food; meal management to meet individual and family food needs and patterns of living; food economics and ecology; optimal use of the food dollar; understanding and promoting nutritional knowledge; and application of related math and science skills.

CHILD DEVELOPMENT, CARE AND GUIDANCE – 1/2 Credit – Weight 1.0 – Prerequisite: None. Child Development, Care and Guidance is an instructional program that describes the study of the intellectual, social, emotional and biological development of children and the planning and design of related human services. This course includes instruction in parent-child relations; parenting practices; special needs of children; parental and environmental influences on child development; external support services; and public policy issues.

HOUSING, HOME FURNISHINGS & EQUIPMENT – 1/2 Credit – Weight 1.0 – Prerequisite: None. Housing, Home Furnishings & Equipment is a semester class that studies current topics on housing problems and consumer information on renting and buying a home. The student will compare and contrast housing and furniture styles and will be required to recognize important styles of each period. Emphasis will be placed on developing room designs and using the element and principles of design, drawing floor plans, producing furniture arrangement, and equipment selection. A study in building construction will also be implemented as well as a brief look at possible careers in this field of study.

BUSINESS

KEYBOARDING – 1 Credit – Weight 1.0 – Prerequisite: None. OFFERED IN SUMMER SCHOOL. Keyboarding is a one-year course designed to give students the alphanumeric keyboarding skills necessary for touch keystroking. In addition to developing correct keystroking techniques, students will learn the parts of a computer system, the correct way to format and key personal and business letters, tables, reports, employment documents, and other interoffice business communications. Language and punctuation skills will also be reviewed.

COMPUTER APPLICATIONS I – 1 Credit – Weight 1.0 – Prerequisite: Keyboarding I OR PASSING OF KEYBOARDING COMPETENCY TEST. Computer Applications is a one-year course that will provide students the opportunity to use the computer as a problem-solving tool in the areas of word processing, database, spreadsheet, desktop publishing, and presentation software. The students will utilize Microsoft Office software. The class will focus on integrating the Internet in meaningful class projects. Use of Windows XP, Microsoft Office and Internet Explorer will be utilized.

COMPUTER APPLICATIONS II – 1 Credit – Weight 1.25 – Prerequisite: Computer Applications I. Computer Applications II is a one-year course that will provide students the opportunity to use the computer for advanced features of Microsoft Office. The course will also focus on desktop publishing and web page design. The Internet will be used in meaningful class projects. Also, an in-depth look into careers will be studied. Use of Windows XP, Microsoft Office, Internet Explorer and various desktop publishing and web design software will be utilized.

GRAPHIC ARTS/DESKTOP PUBLISHING (formerly Business Communications) – 1 Credit – Weight 1.0 – Prerequisite: Computer Applications and Teacher recommendation. Students will develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc. in a discussion/laboratory class setting. Students are also introduced to the fundamentals of journalistic writing and will publish the school newspaper, The Centralian, on a monthly basis as well as the annual school yearbook

BUSINESS TECHNOLOGY – 1 Credit – Weight 1.0 – Prerequisite: Computer Applications. Business Technology is a one-year program designed to prepare students for employment in an office setting. Students will be extensively trained in the use of Word, Excel, PowerPoint, and Access. Behavior patterns, work habits, attitudes, and decision-making procedures, which are necessary for job success, will be addressed. Procedures and techniques for securing initial employment will be covered in-depth. Use of the Internet will be addressed in search of career opportunities.

NETWORK ADMINISTRATION (COMPUTER NETWORKING & REPAIR) – 1 Credit – Weight 1.25 – Prerequisite: Computer Applications (Must be referred by teacher). Balanced coverage is given to new and existing hardware as well as setting up network schemes. There is real work of PC repair and trouble-shooting. This course will help prepare students for future jobs or interests they may have in the computer related fields. Last, this course helps in preparing students for A+ and CISCO certification.

PERSONAL FINANCE --- ½ Credit—Weight—1.0--- Prerequisite—11th grade standing or above. Required for graduation with the Class of 2010. Personal Finance is an introductory course designed to help students properly manage money in today's environment. Areas of study include personal financial planning, financial services, budgeting, investments, interpreting financial statements, insurance issues, taxes, credit management and consumer purchases, rights and responsibilities. Students will learn how to manage a checking/debit account and reconcile a bank statement along with decision-making skills for all aspects of life as consumers, producers, entrepreneurs, and economic citizens. Instructional strategies may include use of projects, cooperative learning, simulations, real world experiences, guest speakers, Internet research, and computer/technology applications.

ACCOUNTING I – 1 Credit – Weight 1.0 – Prerequisite: None. Accounting I is a comprehensive one-unit course introducing the complete accounting cycle. It involves learning to record business transactions in journals and ledgers, keeping financial records, and preparing various statements from these records. Calculators are used. This class is especially recommended for students who plan to work as accounting clerks or accountants, for students who plan to own or manage a business, and for students who plan to attend college and major in business.

MARKETING I – 1 Credit – Weight 1.0 – Prerequisite: None. Marketing I introduces the student to the field of marketing. The student will cover such topics as marketing concepts, economics, advertising, selling, market planning, human relations/communications and the employment process. This course will include individual and group projects, group instruction, role-playing, guest speakers, field trips, leadership activities and business/community involvement. Membership in DECA is highly recommended.

MARKETING II – 1 Credit/6 hrs of MAC College Credit – Weight 1.0 – Prerequisite: Marketing II. Marketing II is designed for students who are interested in a career in the field of marketing and management. Instruction will prepare students with an understanding of marketing concepts, economics, advertising, selling, market planning, human relations/communication, and the employment process. This course will include individual and group projects. Students will engage in market research and management projects. The course will include role-playing, guest speakers, field trips, leadership activities and business/community involvement. Membership in DECA is highly recommended as is participating in DECA competition.

MARKETING EDUCATION INTERNSHIP—1-2 Credits Available –Weight 1.0—Prerequisite: 12th grade standing, dual enrollment with another Marketing class and consent of the Coordinator.

In the Marketing Education Internship program, students are placed in employment that directly contributes to the development of the competencies necessary for successful employment in the field of marketing. The student must be concurrently enrolled in a marketing course. This is a cooperative vocational education program and must follow guidelines established for these programs. Supervised employment in a related work environment will help protect the student's academic progress as they receive work experience.

FREE ENTERPRISE/ECONOMICS – ½ Credit – Weight 1.0 – Prerequisite: None. Free Enterprise/Economics is an instructional program to provide the student with the understanding of the free enterprise economic system and the application of the free enterprise concept to modern business situations. Membership in DECA is recommended.

ENTREPRENEURSHIP – ½ Credit – Weight 1.0 – Prerequisite: None. Entrepreneurship is an instructional program that provides a background for the development and operation of a business starting with the role of the entrepreneur in our economy to development of a business plan and the application of specific marketing skills and concepts within the business environment. Membership in DECA is recommended.

WEB DESIGN—1 Credit – Weight 1.50 – Prerequisite: Teacher recommendation and Computer Applications II or Business Technology. Web Design is an instructional and hands on class. Students will learn proper web-authoring techniques to create and maintain various web pages including a web page for the school. Students will also engage in researching the Internet and its culture. Students will be given the opportunity to receive hands-on experience using digital cameras, scanners, and developing graphics for various organizations and events.

FINE ART CREDITS: One unit of Fine Arts is required for graduation.

ART I – 1 Credit – Weight 1.0 – Prerequisite: None. Art I is an elective one-hour fine arts course. The course curriculum includes studies in art history, shading, perspective, watercolor, design, character drawing, comic strip layout, figure drawing and pastel drawing.

ADVANCED ART – 1 Credit – Weight 1.0 – Prerequisite: Art I. Advanced Art is an elective one-hour fine arts course. The course curriculum includes studies in human anatomy, calligraphy, advanced figure drawing, portrait drawing, relief printing (wood-cut), watercolor painting, pastel drawing, oil painting, mural design, and commercial design. Students could also study advanced portrait drawing, pen and ink drawing, advanced figure drawing, pointillism drawing, wood cut relief printing, watercolor painting, pastel drawing, oil painting, mural design and commercial design.

MARCHING/CONCERT BAND – 1 Credit – Weight 1.0 – Prerequisite: Must have participated in Middle School Band. Marching/Concert Band is a large ensemble, which provides students with the opportunity to learn and perform the basic fundamentals of corps style marching and maneuvering. All marching band members must attend band camp, before school rehearsals, all performances, Saturday competitions, and any other scheduled rehearsals or performances, to remain a member of this group. The course will have an emphasis on teaching performance skills and musicality, with a secondary emphasis on basic music theory.

JAZZ BAND – 1 Credit – Weight 1.0 – Prerequisite: Selected Group. Jazz Band is an ensemble, which provides the students with an opportunity to develop jazz and jazz related performance skills, with a secondary emphasis on jazz improvisation and jazz theory. Instrumentation is flexible but will provide sufficient size and balance to perform literature authentically and artistically.

WOMENS' CHOIR – 1 Credit – Weight 1.0 – Prerequisite: Sign-ups & Try-outs. Women's Choir will concentrate on a general acquaintance with music notation, terminology, vocal health, and choral techniques through a variety of singing experiences of various styles of music. Individuals will be expected to participate in singing to earn a passing grade in the class.

CONCERT CHOIR - 1 Credit – Weight 1.0 – Prerequisite: Selected Group. Concert Choir will cover several general areas: production of sound, sight-reading, vocal artistry, unified choral sound, and musical interpretation. These areas are not approached as units covering a short period of time, but are daily goals to apply to each piece of music studied. Warm-ups and sight-reading are daily activities occurring 10-15 minutes at the beginning of each class time. Students are responsible for providing certain attire to wear with robes at performances. Men are asked to wear black dress shoes, black socks, and black slacks with robes. Women are asked to wear black shoes and skin-colored hosiery. Choir members are required to attend various activities that are scheduled each year.

SWING CHOIR – 1 Credit – Weight 1.0 – Swing Choir (Rebel Rhythm) – Prerequisite: Selected Group. Swing Choir (Rebel Rhythm) is an advanced choral group with emphasis in jazz and madrigal choral group styles and improvisation. It is taken in addition to Concert Choir, not as a substitute. Only in rare instances would a student be allowed to enroll without being enrolled in choir. Activities include many performances, festivals, concerts and contest.

DRAMA I--1 Credit--Weight 1.0--Prerequisite: None. Drama I is a class in which the first semester focus is on performance and the second semester focus is on technical aspects of the theater. Drama is an introductory course designed for students in grades 9-12 who are interested in learning about and becoming involved in the performance aspect of drama. Students will be expected to become familiar with the history and terminology of the theater, prepare and perform improvisational and scripted scenes, read and analyze scenes from plays, and prepare oral interpretations for performance. The second semester focus will be on the technical aspects of theater. Areas to be covered include: set/scenery design, costumes and make-up, publicity, stage managing, sound, and stage lighting.

DRAMA II/ADVANCED ACTING – ½ Credit – Weight 1.0 – Prerequisite: Teacher recommendation and a “B” or better in Drama I. Drama II/Advanced Acting is an advanced course designed to give students the opportunity to build on acting skills acquired in Drama. Students will explore a variety of advanced acting styles and techniques which may include: Shakespearean acting, acting in the musical theatre, comedic acting, dramatic acting, stage movement, method acting, vocal awareness and auditioning. This is a semester course for grade levels 10-12. It may be repeated with teacher approval.

DEBATE – ½ Credit – Weight 1.50 – Prerequisite: “B” or better in Competitive Speech or an Accelerated English class. Debate is an advanced course designed to allow students to develop skills in debate. Both Lincoln Douglass and Cross Examination formats will be covered. This is a semester class for grades 9-12. It may be repeated with teacher approval.

INTRODUCTION TO THEATRE – ½ Credit – Weight 1.75 – Prerequisite: “B” or better in English III. Introduction to theatre is designed for the student interested in theatre but not in performing. Students explore theatre history, the elements of drama, types of drama and the process of putting a play together. At least one major paper will be expected as well as one major speech. This course may be taken for college credit.

HEALTH CREDITS: 1/2 unit of Health is required for graduation.

HEALTH – ½ Credit – Weight 1.0 – Prerequisite: None. Health is a required course for graduation. The course curriculum includes studies in Nutrition, First Aid, Diseases, and Physical Fitness.

PHYSICAL EDUCATION CREDITS: One unit of Physical Education is required for graduation.

GIRLS’ P.E. – 1 Credit – Weight 1.0 – Prerequisite: None. Girls’ P.E. includes units in speed walking, step aerobics, weight lifting, and toning and sculpting. Nutrition will be incorporated in this class.

GIRLS’ BODY CONDITIONING AND FITNESS- 1 Credit – Weight 1.0 – Prerequisite: None. Girls’ Body Conditioning and Fitness is an elective physical education course for the full year. The course includes basic weight training with periodic increases with resistance weights. The course will also stress high repetitions with corresponding weights.

BOYS' P.E. – 1 Credit – Weight 1.0 – Prerequisite: None. Boys' P.E. is a required full year course. The course curriculum includes cardio-vascular conditioning, strength, flexibility and coordination and a basic knowledge of how to educate your body physically.

BOYS' BODY CONDITIONING AND FITNESS – 1 Credit – Weight 1.0 – Prerequisite: None. Boys' Body Conditioning and Fitness is an elective physical education course for the full year. The course includes basic weight training with periodic increases with resistance weights. The course will also stress high repetitions with corresponding weights.

ADVANCED STRENGTH AND WELLNESS – 1 Credit – Weight 1.0 – Prerequisite: Weightlifting. This course is designed to provide students with the opportunity to improve their physical development using multiple physical training and wellness concepts in conjunction with a corresponding nutrition program. A variety of strength training programs, circuit programs, plyometric training, medicine ball training, core training and an online fitness journal will be used to help students as they work to achieve personal fitness goals. Students wanting to improve strength, speed, agility, explosiveness and improve their conditioning to better prevent themselves from injury will have workouts designed to target their specific interest areas in combination with an overall strength and nutrition program.

FOREIGN LANGUAGE CREDITS: Two units of foreign language are required for the College Prep Studies Certificate.

SPANISH I - 1 Credit – Weight 1.25 – Prerequisite: Recommended “B-” Average in English II. Spanish I places an emphasis on the five goals of foreign language education, which include communication, cultures, connections, comparisons, and communities. Communication is the central goal of a second language. Through the study of a second language, students begin to understand and appreciate the diversity of the many cultures of the people who speak the language. The students will make connections by accessing new information and exploring issues related to many other disciplines. Students will directly compare and contrast cultures, customs, and literature. The student will study the diversity of world communities.

SPANISH II – 1 Credit – Weight 1.50 – Prerequisite: Recommended “C” average in Spanish I. Spanish II continues to emphasize the goals of foreign language learning including communication, cultures, connections, comparisons, and communities. Emphasis is placed on vocabulary concerning travel, technology, and business communications.

GENERAL ELECTIVE CREDITS: ½ Credit of A.C.T. Prep required for graduation.

A.C.T. PREP – ½ Credit – Weight 1.0 – Prerequisite: Junior or Senior. A.C.T. Prep is a class provided for college bound juniors and seniors. It provides them with the opportunity to review skills and become familiar with the format of the American College Testing Program.

CADET TEACHING – 1 Credit – Weight 1.0 – Prerequisite: Senior in good standing to graduate. Cadet Teaching is a course designed for students interested in a teaching career and as a means for A+ eligible students to obtain their required tutoring hours. These Cadet Teachers/mentors will work with the classroom teacher and A+ Coordinator to provide guided instruction to identified students in a class period during a school day. Students may continue Cadet Teaching a second semester for ½ course credit only.

JAGS (Jobs for America’s Graduates) – 1 Credit – Weight 1.0 – Prerequisite: Teacher approval into the program. JAGS is designed to assist our students in graduating from high school and to find entry level employment leading to a career opportunity through a state-supported education and employment system. The JAG curriculum is designed through individual and group instruction to equip students with a minimum of 37 employment competencies that will prepare them to secure a job and/or pursue postsecondary education or advanced training upon graduation from high school.

