Douglas County West
Community High School

Course Catalog

All courses and descriptions approved by the
DC West Board of Education
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1 English 9
Duration: one year
Intended Level: 9
Prerequisites: English 8
Course Description: English 9 is a comprehensive course covering vocabulary, grammar, literature, the six traits, and composition. Material is covered through daily assignments, lecture, group discussion, writing, and projects. Evaluation is based on students’ performance in class as well as on daily work, homework, quizzes, tests, compositions, and projects.

2 Practical English 9
Duration: one year
Intended Level: 9
Prerequisites: English 8
Course Description: In this course, students will have an in-depth review of the parts of speech and their usage. They will also work on improving their writing and listening skills. Literature from a variety of genres will be explored. Material will be covered through daily activities, group work, and projects. Evaluation is based on daily work, tests, homework, quizzes, compositions and projects.

3 Honors English 9
Duration: one year
Intended Level: 9
Prerequisites: English 8, meeting DC West established criteria for honors classes
Course Description: Honors English 9 is a comprehensive course for accelerated, highly motivated, independent learners. The curriculum includes a survey of literary genres, vocabulary, composition, literary analysis, and oral presentations. Students will practice and apply the six traits of writing and will prepare a writing portfolio. Grades are based on daily work, homework, quizzes, tests, compositions, projects, and portfolios.

10 English 10
Duration: one year
Intended Level: 10
Prerequisites: English 9
Course Description: English 10 is a comprehensive course based on American literature with work in reading skills, grammar, vocabulary, and composition. Students will study the six traits of writing as well as the backgrounds of various authors and literary movements including Romanticism, Transcendentalism, Realism, and Naturalism. Evaluation is based on homework, notes, tests, quizzes, compositions, class discussion, and projects.

11 Practical English 10
Duration: one year
Intended Level: 10
Prerequisites: Practical or English 9
Course Description: In this course, students will focus on reviewing the correct usage of grammar, punctuation, and capitalization. The students will work on improving their writing skills and reading comprehension. The make-up of this class will dictate the amount of time spent on each skill and the choice of literary selections. Evaluation is based on daily work, tests, homework, quizzes, and compositions.
12 Honors English 10
Duration: one year
Intended Level: 10
Prerequisites: English 9, meeting DC West established criteria for honors classes
Course Description: Honors English 10 is a comprehensive course for accelerated, highly motivated independent learners. The curriculum is based in American Literature with work in reading skills, grammar, vocabulary and composition. Students will study the six traits of writing as well as the backgrounds of various authors and literary movements including Romanticism, Transcendentalism, Realism, and Naturalism. Students will prepare a portfolio of their writing each quarter. Evaluation is based on homework, notes, tests, quizzes, compositions, class discussion, projects and outside reading.

20 English 11
Duration: one year
Intended Level: 11
Prerequisites: English 9,10.
Course Description: English 11 is a comprehensive course based on World literature, composition, grammar and vocabulary. First semester includes a major research paper. This research paper consists of one-third of the students’ final semester grade. In order to pass this course, students must pass each component of the junior research paper. Evaluation is based on daily work, homework, quizzes, tests, compositions, projects, and the Nebraska State Assessments.

21 Practical English 11
Duration: one year
Intended Level: 11
Prerequisites: Practical or English 9,10
Course Description: Practical English 11 is a comprehensive course based on multicultural literature, composition, six trait writing, grammar and vocabulary. First semester includes a modified research paper. This research paper consists of one-third of the students’ final semester grade. In order to pass this course, students must pass each component of the junior research paper. Evaluation is based on daily work, homework, quizzes, tests, compositions, projects, and the Nebraska State Assessments.

22 Honors English 11
Duration: one year
Intended Level: 11
Prerequisites: English 9, 10, meeting DC West established criteria for honors classes
Course Description: Honors English 11 is a comprehensive course for accelerated, highly motivated, independent learners. The course content will focus on different aspects and elements of World Literature, composition, grammar, and vocabulary. First semester includes a major research paper. This research paper consists of one-third of the students’ final semester grade. In order to pass this course, students must pass each component of the junior research paper. Evaluation is based on daily work, homework, quizzes, tests, compositions, projects, portfolio, and the Nebraska State Assessments.

30 English 12
Duration: one year
Intended Level: 12
Prerequisites: English 9,10,11
Course Description: English 12 is a comprehensive college preparatory course based on the study of British Literature. Reading skills, writing skills and techniques, essay writing, and vocabulary study are integral to the
course. Evaluation is based on class participation (including class discussion and in-class writing), homework completion, quizzes, tests, and compositions.

31 Practical English 12
Duration: one year
Intended Level: 12
Prerequisites: Practical or English 9,10,11
Course Description: In this course, students will focus on improving their skills in the areas of writing, reading comprehension, vocabulary, listening, and speaking. This class is designed to help students make a smooth transition into the workplace or some level of post-graduate work. Curriculum will include topics related to both work and school environments. Evaluation will be based on daily work, tests, quizzes, compositions, and projects.

32 Honors English 12
Duration: one year
Intended Level: 12
Prerequisites: English 9, 10, 11, meeting DC West established criteria for honors classes
Course Description: This course is for college bound, advanced English students, and will be offered only if a student isn’t able to take the Metro English class. Students will study British Literature, including Anglo Saxon literature and works by the authors Chaucer, Shakespeare, Donne, Bacon, Swifte, Voltair, Blake, Coleridge, Tennyson, Browning, among others. Students will develop and demonstrate sophisticated learning skills in the higher realms of Bloom’s Taxonomy through: essays; research writing; projects; scenarios; and presentations. In order to prepare students for college English, and in order to fulfill the needs of gifted students, this course will be a more intense experience (involving great effort and much activity) for students than another English 12 class. The class expectations will model college expectations so that students have practiced this type of learning in the safe, nurturing high school environment.

34 Metro English
College Course Reference: ENGL 1010 English Composition I, ENGL 1020 English Composition II
Duration: one semester
Intended Level: 12
Prerequisites: English 9, 10, 11 and permission from the department
Course Description: This course will be offered as a dual credit course through Metropolitan Community College and will be taught with the instructor on site or through distance learning. In English 101, the student writes short papers and essays based upon his/her experiences and/or assigned readings. The course emphasizes the clear written expression of ideas and the importance of organization, word choice, logic and sentence construction. The process of planning, writing, revising and editing essays for a particular audience is also emphasized. In English 102, the student further develops the skills learned in 101 as s/he interprets, synthesizes and organizes primary and/or secondary sources of information for the purpose of composing a research report.

40 Creative Writing I
Duration: one semester
Intended Level: 9-12
Course Description: Creative Writing is designed as a semester workshop course for students in grades 10-12. Class activities include journaling, peer editing, maintaining portfolios, sharing writing experiences, and participation in publication of the creative writing book: Inspired. Writing experiences include the following: techniques of creating dominant impression, using sensory imagery, utilizing techniques of fiction and nonfiction in essay writing. Evaluation is based upon adherence to the six trait writing concept, class participation in discussion, in-class writing, completion of homework, and meeting writing deadlines.
50 Communications/Speech
Duration: one semester
Intended Level: 10-11
Prerequisites: English 9
Course Description: This is a required one semester course in which students will study the following verbal and non-verbal communications: the process of communication; the use of effective language; interviewing; researching, developing, and delivering a variety of speeches; a high level of participation is expected. Grades are based on daily work, homework, quizzes, speeches, and a final test. This course will also require successful completion of both the informative and persuasive speeches.

51 Competitive Speech
Duration: one semester
Intended Level: 10-12
Prerequisites: English 9, Communications/Speech (completion) or permission from the instructor
Course Description: This semester course is designed for students interested in competition speaking. Skills in public speaking and oral interpretation of literature will be emphasized. Students will be graded on daily assignments, writing assignments, class participation and tournament attendance. Students will be required to attend and compete in two speech tournaments.

71 Publications/Yearbook
Duration: one year
Intended Level: 9-12
Prerequisites: Permission from the instructor
Course Description: Publications/Yearbook is a two-semester instructional and laboratory course wherein the students plan, design, and develop the school yearbook. Good writing and editing skills are essential. During the first quarter, students will study yearbook terminology, review basic writing techniques and skills, develop essays, captions, etc., and study and facilitate basic designs of a yearbook spread. Evaluation for this section is based on the following: class participation, quizzes and tests, completed layouts. During the remainder of the course members select a theme, design layouts, do interviews, and write stories, captions, headlines that record the school’s history for the year. In addition, students are required to sell advertisements and distribute the books once they are published. Students are expected to demonstrate self-discipline and to be highly motivated. The ability to work as part of a team is an important characteristic for successful completion of the course. Students are evaluated on class participation (which includes participating in discussions and decision making, staying on task), quality of layouts and copy, and meeting of all deadlines. This class may be repeated.

01099 Young Adult Literature
Duration: one year
Intended Level: 11-12 (10, instructor permission only)
Prerequisites: None
Course Description: Young Adult Literature (YAL) is designed as a workshop class in which students will explore and evaluate various genres (types) of contemporary young adult literature in order to engage students in discussions of literature and life. Some of the literature will be assigned while other selections will be of the student’s choice. Throughout the class, we want to “RWSLVT” read, write, speak, listen, view, and think (Governor’s State U 2010).
CTE - English 1220 Technical Writing

Students produce technical papers and reports demonstrating clear written expression of ideas. Important considerations include the format, organization, logic, and sentence construction of reports. Students focus on the process of writing, including designing, revising, and editing technical documents. This is a level I class.

CTE - English 1240 Oral and Written Reports

Students continue to develop writing and critical thinking skills learned in their Level-1 English course by integrating outside research into their own writing. Students research, analyze, and organize primary and secondary sources of information and demonstrate their critical thinking through oral and written technical and workplace reports.
Mathematics

280 General Math
Duration: one year
Intended Level: 9-12
Prerequisites: Math 8 & recommendation from the math department.
Course Description: This is a basic course in arithmetic and an introductory course to Pre-Algebra. It is designed to teach the use of whole numbers, fractions, decimals and integers. Basic pre-algebra skills will be introduced at a beginning level.

200 Pre-Algebra
Duration: one year
Intended Level: 9-10
Prerequisites: Applied Math 8 or General Math
Course Description: This is the final course in arithmetic and an introductory course to algebra. It is designed to automate the use of whole numbers, fractions, decimals, and integers. Simplifying algebraic expressions and solving equations is introduced. There is an emphasis on problem solving using charts and graphs, averages, percents, equations, ratios and proportions.

210 Algebra I
Duration: one year
Intended Level: 9-12
Prerequisites: Pre-Algebra
Course Description: This is a one year course that develops the skills learned in Pre-Algebra. Topics covered include solving equations, order of operations, exponents, signed numbers and radicals. Factoring of polynomials is first introduced here as well as graphing linear equations using the slope-intercept method.

220 Algebra II
Duration: one year
Intended Level: 10-12
Prerequisites: Algebra I
Course Description: This is a one year course that develops the skills learned in Algebra I while applying those skills in a variety of problem solving situations. Topics introduced in this course include solving systems of equations and inequalities with 2 or more variables, vectors, quadratic equations, variations, functions, conjunctions and disjunctions.

230 Geometry
Duration: one year
Intended Level: 9-12
Prerequisites: Algebra I
Course Description: This is a course in Euclidean Geometry. Topics include real world problems involving perimeter, area, volume, and fundamental properties of geometry as they relate to lines, polygons, and circles. The first three trig functions are introduced and used along with Pythagorean Theorem in solving problems. Deductive and inductive reasoning skills are taught in writing 2-column and paragraph proofs.
240 Pre-Calculus
Duration: one semester
Intended Level: 11-12
Prerequisites: Geometry & Algebra II
Course Description: The course covers advanced algebra topics which include rational expressions; solving quadratic, rational, radical and polynomial equations; relations and functions; quadratic and polynomial functions; systems of equations and inequalities; exponential and logarithmic functions; and conic section.

241 Metro College Algebra
Metro Course Number: MATH 1420 College Algebra
Duration: one semester
Intended Level: 11-12
Prerequisites: Geometry & Algebra II
Course Description: This course will be offered as a dual-college credit course through Metropolitan Community College. The course covers advanced algebra topics which include rational expressions; solving quadratic, rational, radical and polynomial equations; relations and functions; quadratic and polynomial functions; systems of equations and inequalities; exponential and logarithmic functions; and matrices.

242 Metro Trigonometry
Metro Course Number: MATH 1430 Trigonometry
Duration: one semester
Intended Level: 11-12
Prerequisites: Geometry & Algebra II
Course Description: This course will be offered as a dual-college credit course through Metropolitan Community College. The course covers trigonometric ratios, triangles, vectors, circular functions, trigonometric identities, inverse trigonometric functions, trigonometric equations and complex numbers.

243 Trigonometry
Duration: one semester
Intended Level: 11-12
Prerequisites: Geometry & Algebra II
Course Description: The course covers trigonometric ratios, triangles, vectors, circular functions, trigonometric identities, inverse trigonometric function, trigonometric equations and complex numbers.

260 Metro Calculus
Metro Course Number: MATH 2410 Analytic Geometry and Calculus I
Duration: one year
Intended Level: 11-12
Prerequisites: Pre-Calculus or Metro College Algebra and Trigonometry or Metro Trigonometry
Course Description: This course will be offered as a dual-college credit course through Metropolitan Community College. This course covers the mathematical tools used to analyze the continuous rate of change between variables. It reviews some principles of pre-calculus and investigates limits, differentiation, and integration. The course includes applications of both differentiation and integration.
262 Calculus
Duration: one year
Intended Level: 11-12
Prerequisites: Pre-Calculus or Metro College Algebra and Trigonometry or Metro Trigonometry
Course Description: This course covers the mathematical tools used to analyze the continuous rate of change between variables. It reviews some principles of pre-calculus and investigates limits, differentiation, and integration. The course includes applications of both differentiation and integration.

295 Metro Statistics
Metro Course Number: MATH 1410 Statistics
Duration: one semester
Intended Level: 11-12
Prerequisites: Algebra II or permission of the instructor
Course Description: This course requires students to develop a critical and functional understanding of data. Topics include frequency distributions, measures of central tendency and dispersion, probability and probability distribution, sampling concepts, estimating means, variance, standard deviations, proportions and percentages, hypothesis testing, and correlation and linear regression. Software and calculators are used as appropriate throughout the course.

Integrated Math
Duration: one semester
Intended Level: 11-12
Prerequisites: Pre-Algebra
Course Description: The materials in this course integrate the topics of algebra, geometry, probability, and statistics.
<table>
<thead>
<tr>
<th>Course</th>
<th>Course Description</th>
<th>Purpose of the Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 0910 Pre-algebra</td>
<td>Students solve problems that include fractions, decimals, ratio, proportion, percent, and operations with integers, basic algebraic concepts, and geometry concepts. Students develop basic study skills for mathematics problem-solving and estimation.</td>
<td>This course strengthens basic math skills and prepares students to proceed to Math 0930, Math 1220, or Math 1240 depending on their course of study. A student may begin in Math 0930 or Math 1220 or Math 1240 based on their ACT or Accuplacer Math Placement score. Check with your teacher/school counselor.</td>
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<tr>
<td>(5 Credit Hours)</td>
<td>See Note 1</td>
<td></td>
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<tr>
<td>MATH 0930 Intermediate</td>
<td>Students learn basic algebra skills. Topics included are: expressions using all operations, absolute values, and exponents; positive and negative real-numbers, linear equations and inequalities and their applications.</td>
<td>This is the first part of the intermediate algebra for the academic track for students who will attend or transfer to a four year college. The course will strengthen basic algebra skills and prepare the student to complete the minimum general education math class required for a bachelor degree.</td>
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<tr>
<td>Algebra Part 1</td>
<td>See Note 1 below</td>
<td></td>
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<tr>
<td>(4 Credit Hours)</td>
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<tr>
<td>MATH 0931 Intermediate</td>
<td>Students continue to learn basic algebra skills. This course is a continuation of Math 0930. Topics included are: operations with polynomials; factor polynomials; equations of lines and absolute value equations and inequalities; graphs of linear equations and inequalities and systems of linear equations including applications.</td>
<td>This is the second part of the intermediate algebra for the academic track for students who will attend or transfer to a four year college. The course will strengthen basic algebra skills and prepare the student to complete the minimum general education math class required for a bachelor degree.</td>
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<tr>
<td>Algebra Part 2</td>
<td>See Note 1 below</td>
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<td>(4.5 Credit Hours)</td>
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<tr>
<td>MATH 1220 Business Mathematics</td>
<td>Students learn the math skills required to solve problems related to business occupations. Topics include percentages, checking accounts and services, payroll, payroll taxes, cash and trade discounts, property and sales taxes, simple and compound interest, installment purchases, loan payment plans, and annuities.</td>
<td>This course will serve as the math requirements for many Metropolitan Community College programs. Check with your teacher/school counselor to determine if this course is required for your chosen MCC program.</td>
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<tr>
<td>(4.5 Credit Hours)</td>
<td>See Note 2 below</td>
<td></td>
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<tr>
<td>MATH 1240 Technical Mathematics</td>
<td>Students learn the math skills required in career/technical fields. Students review arithmetic operations. Students apply ratios and proportions, measurement concepts, algebraic operations, geometrical relationships and right triangle trigonometry to problem solving of technical applications.</td>
<td>This course will serve as the math requirements for many Metropolitan Community College programs within the technical areas. Check with your teacher/school counselor to determine if this course is required for your chosen MCC program.</td>
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<tr>
<td>(4.5 Credit Hours)</td>
<td>See Note 2 below</td>
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<tr>
<td>MATH 1315 College Algebra</td>
<td>Students learn the math skills required for further mathematics courses. Topics included are: functions and their inverses; polynomial, radical, exponential, and rational expressions; polynomial, rational, exponential and logarithmic equations; graphing functions using transformations (absolute value, polynomial, radical, exponential and logarithmic); and an introduction to statistics.</td>
<td>This course is not offered at all sites. Please check with your teacher/school counselor. Math 1315 will serve as the required course for many of the MCC programs as well as transfer to other four colleges for math credit. It transfers to UNO and satisfies the general education requirement for math for those students who desire to earn a bachelor's degree.</td>
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<tr>
<td>(4.5 Credit Hours)</td>
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<td></td>
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</tbody>
</table>
Science

305 Physical Science  
Duration: one year  
Intended level: 9  
Prerequisites: none  
Course Description: This course focuses on the exploration and discovery of science facts, concepts, principles, theories and models. By the end of this course, the student will develop an understanding of and be assessed on the following concepts: the structure and properties of matter; motion and forces; conservation of energy and increase in disorder, and interactions of energy and matter. This will then be applied to develop an understanding of the structure of the atom; chemical reactions; conservation of energy and increase in disorder; the periodic table of elements, and acids and bases. Finally, the basics of physical science will be used to analyze and develop understanding of energy in the earth system; geochemical cycles; understand origins of the earth system, and the origin of the universe. The course will be taught through the use of traditional lectures in addition to innovative uses of scientific technology, field trips, and as many hands-on lab experiences as practical.

310 Biology I  
Duration: one year  
Intended Level: 10  
Prerequisites: 9th grade science course completed.  
Course Description: This course will focus on science facts, concepts, principles, theories and models that are important for all students to know, understand, and use. By the end of the course, the student will develop an understanding in and be assessed on the following concepts: the cell; the molecular basis of heredity; the theory of biological evolution; the interdependence of organisms; an understanding of matter, energy, and organization in living systems; the behavior or organisms, the structure of the atom; chemical reactions; conservation of energy and increase in disorder; the periodic table of elements; and acids and bases. Instruction includes lecture, labs and activities, homework, quizzes, unit tests and comprehensive semester finals.

320 Chemistry  
Duration: one year  
Intended Level: 11-12  
Prerequisites: Grade 9 & 10 science courses completed, Algebra I  
Course Description: This course will address theoretical topics of chemistry, such as atomic structure, the periodic table of elements, mass/mole relationships, chemical reactions, acids and bases, and surveys topics in organic chemistry. It is designed for those students who are anticipating attending a college or university. Instruction includes lecture, labs, homework, and tests. A scientific calculator is required for this course.
330 Physics
Duration: one year
Intended level: 11-12 or instructor permission
Prerequisites: Successful completion of Geometry, taken/enrolled in Algebra 2
Course Description: An introductory course in the concepts of physics. This class will build on the principles that students learning Physical Science. This class will cover all major disciplines in Physics from a big picture point of view. While some math will be necessary in understanding some concepts, this class does not emphasize the mathematical treatment of physics. Simple investigations of physics will be used in addition to class demonstrations, and students will work with how lab data supports the concepts of physics.

340 Anatomy/Physiology
Duration: one year
Intended Level: 11 – 12, with instructor permission
Prerequisites: Grade 9 & 10 science courses completed and recommend completion of Chemistry.
Course Description: Anatomy & Physiology is a year course designed for the student who is interested in a medical or health career. Emphasis for this class includes the structure and function of the ten major systems of the human body. Class includes labs that require the dissection of specimens. Instruction includes lecture, labs, homework, and tests.

350 Environmental Science I
Duration: one year
Intended Level: 11-12
Prerequisites: Grade 9 & 10 science courses completed.
Course Description: Environmental science focuses on making students knowledgeable of the major environmental problems facing humans today. Major emphasis is placed on water and air pollution, sewage, land and wildlife management, ecology, and energy consumption problems. Methods of instruction are lecture, labs, tests and research papers.

STEM I
Duration: one year
Intended Level: 9-10
STEM 1 is a hands on class where each semester is broken down into smaller project sessions. We will do things such as 3D CAD modeling as it relates to 3D printing, laser cutting, etc. We will also learn some of the basics of robotics, welding, mechanical and computer engineering, etc. This class will challenge the norms and bring a new view to what the student’s usual classroom setting is like. For every session spent explaining and plotting, there will be 5-6 hands on sessions where the kids will be experimenting, playing, and learning through trial and error.

STEM II
Duration: one year
Intended Level: 11-12
STEM 2 will build off of the ideas learned in STEM 1 but take some new twists. Instead of smaller chunks, in STEM 2 the chunks will be significantly larger. We also will dove more into manufacturing engineering and the inner working of manufacturing itself. We will challenge the kids to create, innovate, and invent in this class offering. This is the class where the relationship built with 3M and SECC will come into play. We will be using state of the art FESTO units to fully engage in automation as seen in the real world and hope to begin learning lateral logic (Allen-Bradley Systems) along the way. This class should either be for kids coming from STEM 1 or kids who already have some advanced growth mindsets and are looking for a challenge to that.
Social Science

400 Physical/World Geography
Duration: one semester
Intended Level: 11th grade
Prerequisites: none
Course Description: This course is designed to give students an understanding of the world around them. The course will emphasize map work, climate study, and landforms, as well as study the historical, political, and cultural aspects of different countries of the world. This class will give the students a world perspective to view events of the day.

410 American History
Duration: one year
Intended Level: 10th grade
Prerequisites: none
Course Description: This course is designed to give students a background in the development of the United States since the early 1900s, the history surrounding Pre-WWII and continues to the present day. A major emphasis is placed on the political, economic, and historical events of each decade. Emphasis is also placed on understanding and applying these historical events to the student’s life today.

420 World History
Duration: one year
Intended Level: 9th grade
Prerequisites: none
Course Description: World History is an in-depth chronological view of the world from the early civilizations (Romans, Greeks, Egyptians, and Mesopotamia) to present day. Major topics covered include the development of religion, government, science, commerce, philosophy and the arts through the study of imperialism, colonialism, militarism, nationalism and a series of global wars.

430 American Government
Duration: one semester
Intended Level: 12th grade
Prerequisites: none
Course Description: American Government is a one semester, required course, for seniors. This course studies the American government and political system. Major topics covered include the Constitution and its underlying philosophy; the structure and function of the national government; the American political process; the Executive Branch, Legislative Branch, and the Judicial Branch; as well as Nebraska’s state and local governmental structure.
440 Economics  
Duration: one semester  
Intended Level: 11th - 12th grade  
Prerequisites: none  
**Course Description:** Economics is a one semester, required course. This course studies the functions of economics and economic systems with an emphasis on supply and demand, the role of government and financial institutions, production, labor, and fundamental economic problems.

450 Psychology  
Duration: one semester  
Intended Level: 11th - 12th grade  
Prerequisites: none  
**Course Description:** This course outlines the major theories of psychology, human development and the basis of human behavior. Students will explore topics including psychological methods, human development, heredity and environment, biological influences on behavior, understanding personality, principles of learning, remembering and forgetting, sensation and perception, motivation and emotions, and coping with stress.

451 Metro Psychology OR UNL Psychology (Currently not offered on Campus)  
Metro Course Number: PSYC 1010 Introduction to Psychology  
Duration: one semester  
Intended Level: 11th - 12th grade  
Prerequisites: none  
**Course Description:** This course will be offered as a dual-college credit course through Metropolitan Community College. The student learns a broad overview of the general field, fundamental principles, and methods of psychology. This course is designed to be a transferable course. Main topics include physiological psychology, learning, memory, human growth and development, personality, motivation and emotion, social psychology, abnormal behavior and therapeutic approaches. Reading assessment and college-level reading skills are recommended.

409 AP Human Geography  
Duration: one semester  
Intended Level: 10th - 12th grade  
Prerequisites: none  
**Course Description:** This class introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and organization of the earth. Students will employ spatial concepts and landscape analysis to examine the human organization of space. The AP Human Geography class teaches spatial relationships at different scales ranging from local to global. This class is designed to meet AP standards and requirements. The class will prepare students to take the AP Human Geography test in the spring. Students are encouraged to prepare for and to take the AP test.
460 Sociology
Duration: one semester
Intended Level: 11th - 12th grade
Prerequisites: none
Course Description: This course outlines the major theories of sociology and explores the impact of culture. Cultural and group behavior are studied through a focus on topics such as socialization, social organizations, social inequalities (social classes, discrimination), deviance and conformity, social control, race and ethnic relations, gender roles, and social institutions.

463 Cognitive Development (Currently not offered on Campus)
Duration: one semester
Intended Level: 11th grade
Prerequisites: Intro to Psychology
Course Description: This course examines current cognitive theories utilized in the field of education. The course makes an in-depth study of the stage theories and their application to experiential and developmental environments. As students study stages of development, they learn implications for adaptation in the educational classroom setting. Students gain experience in assessing cognitive levels, reporting such findings, and planning curriculum to enhance developments.

470 Current Affairs (Currently not offered on Campus)
Duration: one semester
Intended Level: 9th - 12th grade
Prerequisites: none
Course Description: This course is designed to give students an understanding of the events that surround them locally, nationally, and around the world. The course emphasizes discussion of daily news and the analysis of media types, as well as in-depth study of world cultures and major issues.

480 Humanities (Currently not offered on Campus)
Duration: one semester
Intended Level: 9th - 12th grade
Prerequisites: none
Course Description: Humanities will focus on the artistic, literary, musical, and philosophical issues of the West. World cultures will also be included because they have significantly influenced contemporary developments and provide a perspective on our own culture and give us insight into our own lives. Students will be expected to take quizzes, tests, and compete on the Academic Decathlon team. Meetings will continue after the semester has ended to prepare for regional, state and national competition.

490 Metro American National Government (Currently not offered on Campus)
Metro Course Number: POLS 2050 American National Government
Duration: one semester
Intended Level: 11th - 12th grade
Prerequisites: Permission of the instructor
Course Description: This course is an introduction to American national government, including a study of the structural function of the political system and the elements of constitutionalism, republicanism, and federalism. It includes the party system and an analysis of the U.S. Constitution. The course is a descriptive, institutional approach with considerable attention to the policy-making process.
492 Metro US History
Metro Course Number: HIST 1010 US History to 1877 and HIST 1020 US History from 1865 to Present
Duration: one year
Intended Level: 11th - 12th grade
Prerequisites: Permission of the instructor
Course Description: This course is offered as a dual-college credit course through Metropolitan Community College. The first semester is a survey of American history from Archaic peoples through Colonial America and ending at the American Civil War and Reconstruction. The second semester begins with America’s western frontier, and then continues through the Gilded Age, the Spanish-American War, World War I, the Jazz Age, the Great Depression, World War II, the Cold War, and present day.

408 AP United States Government and Politics
Duration: one year
Intended Level: 10th - 12th grade
Prerequisites: none
Course Description: AP United States Government and Politics is an intensive study of the formal and informal structures of government and the processes of the American political system, with an emphasis on policy making and implementation. This course is designed to prepare students for the AP Exam. This course is for all intents and purposes taught on a college level, and it requires a substantial amount of reading and preparation for every class. The objectives of this course go beyond a basic analysis of how our government “works.” Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens. This class is designed to meet AP standards and requirements. The class will prepare students to take the AP American Government test in the spring. Students are encouraged to prepare for and to take the AP test.

404 AP Comparative Government and Politics
Duration: one semester
Intended Level: 10th - 12th grade
Prerequisites: none
Course Description: This course is designed to provide students with the conceptual tools necessary to develop an understanding of some of the world’s diverse political structures and practices. We will examine six countries in details: China, Great Britain, Russia, Mexico, Nigeria, and Iran. These countries are taught because they are excellent examples of the six core topics of a comparative course. These topics include methodology, power, institutional structure, civil society, political/economic change and public policy. This class is designed to meet AP standards and requirements. The class will prepare students to take the AP Comparative Politics test in the spring. Students are encouraged to prepare for and to take the AP test.

406 HIST 1110 World Civilizations from Prehistory to 1500
Duration: one semester
Intended Level: 10th - 12th grade
Prerequisites: none
Course Description: This course is a dual credit course through Metropolitan Community College. This course surveys the history of selected civilizations from the origins of the first human civilizations to the Renaissance. It focuses on the political, economic, social, cultural, and technological contributions of these civilizations, individually and collectively, to the modern world.
407 HIST 1120 World Civilizations from 1500 to Present
Duration: one semester
Intended Level: 10th - 12th grade
Prerequisites: none

Course Description: This is a dual credit course through Metropolitan Community College. This course surveys the history of selected civilizations from the Renaissance to the modern day. It focuses on the political, economic, social, cultural, and technological contributions of these civilizations, individually and collectively, to the modern world.
World Languages

100 Spanish I
Duration: one year
Intended Level: 9-12
Prerequisites: none
Course Description: An introduction to basic language techniques and patterns. Emphasis is placed on vocabulary, present tense verbs (regular and irregular), time, adjective agreement, numbers, days of the week, months, the present progressive verb form, simple conversation, and culture and customs of Spain, Puerto Rico, Texas, Costa Rica, and Chile. Grades will be awarded based upon tests/quizzes, daily work, projects and extra credit. The Spanish text and workbook, entitled “Exprésate 1”, are used, along with the teacher provided supplemental materials.

110 Spanish II
Duration: one year
Intended Level: 10-12
Prerequisites: Spanish I
Course Description: Continuation of Spanish I. Emphasis is placed on the past tense verbs (regular and irregular), indirect and direct objects and their placement with verbs, positive and negative commands, reflexive verbs, and culture and customs of Mexico, Argentina, Florida, the Dominican Republic, and Peru. The Spanish text and workbook, entitled “Exprésate 1” are used, along with teacher provided supplemental materials. Grades will be awarded based upon tests/quizzes, daily work, projects and extra credit.

120 Spanish III
Duration: one year
Intended Level: 11-12
Prerequisites: Spanish II
Course Description: A further in-depth study of the Spanish language and culture. Emphasis is placed on expanded vocabulary, imperfect and preterite verb tenses, future verb tense, conditional verb tense, comparative and superlative forms, cultural exploration (Mexico City, Cuzco, Santo Domingo, Miami, and San Jose) and conversational activities. Grades will be awarded based upon tests/quizzes, daily work, projects and extra credit. The Spanish text and workbook, entitled “A “Exprésate 2” are used, along with teacher provided supplemental materials. A short novel will also be read during the second semester.

130 Spanish IV
Duration: one year
Intended Level: 11-12
Prerequisites: Spanish III
Course Description: A continuation of Spanish III. Emphasis is placed on complex language forms and verb tenses, continuation of vocabulary enlargement, and comprehension of selected readings. A continued effort toward fluency and understanding of other people and cultures (Segovia, San Juan, Santiago, El Paso, and Buenos Aires) is required. Grades will be awarded based upon test/quizzes, daily work, projects, field trips and extra credit. The Spanish text and workbook, entitled “Exprésate 2” are used, along with teacher provided supplemental materials. A short novel will also be read during the second semester.
140 French I
Duration: one year
Intended Level: 9-12
Prerequisites: none
Course Description: Students taking French I will be introduced to the beauty of the French language and the culture of the French-speaking world. The emphasis of this class will be on attaining a solid foundation of vocabulary and grammar with practice in all four basic language skills: listening, speaking, reading, and writing. Evaluation is based on daily class participation, homework, quizzes, tests, and oral presentations.

150 French II
Duration: one year
Intended Level: 10-12
Prerequisites: French I
Course Description: French II is a continuation of the French I course. After a review of the highlights covered in the French I course, students will continue with their acquisition of French vocabulary and grammar. Evaluation is based on daily class participation, homework, quizzes, tests, oral presentations, and projects.

151 French III
Duration: one year
Intended Level: 11-12
Prerequisites: French II
Course Description: French III is a continuation of the French II course. This course will enhance the ability of the students to use the French language in conversation, reading, and writing. Students will also have the opportunity to add to their knowledge of the various cultures of French-speaking countries. Evaluation is based on daily class participation, homework, quizzes, tests, oral presentations, projects, and outside reading.

060224 French IV
Duration: one year
Intended Level: 12
Prerequisites: successful completion of French III
Course Description: French IV is a continuation of the French III course. This course will enhance the ability of the students to use the French language in conversation, reading, and writing. Students will also have the opportunity to add to their knowledge of the various cultures of French-speaking countries. Evaluation is based on daily class participation, homework, quizzes, tests, oral presentations, projects, and outside reading.

060225 UNO French IV
UNO Course Number:
Duration: one year
Intended Level: 12
Prerequisites: successful completion of French III
Course Description:
Computer Technology

500 Information Technology Applications I
Duration: one semester
Intended Level: 9-10
Prerequisites: Permission from the instructor
Course Description: Students will demonstrate basic skills in the areas of document formatting, word processing, spreadsheet applications, electronic presentation software, Internet use, security issues, and electronic communication. Students will manage computer operations and files storage, identify ethical issues pertaining to information systems, and learn about information technology careers. The class will consist of lecture, when necessary, and lab time to complete assignments. Grading is based on daily assignments, quizzes, tests, and timed writings. This class is only intended for those students who are not confident in their computer skills.

501 Information Technology Applications II
Duration: one semester
Intended Level: 9-10
Prerequisites: Information Technology Applications I or permission from the instructor
Course Description: Students will review basic formatting of documents, word processing, spreadsheet applications and electronic presentation software. They will explore layout and formatting in desktop publishing and web page development as well as advanced word processing and spreadsheet applications. Integration of software will also be covered. Software applications that will be utilized in class include Microsoft Office, iWork, and iLife software packages. Lecture will occur when necessary and students will be given lab time to complete assignments. Grading is based on daily assignments, quizzes, tests, and projects.

502 Multimedia Design
Duration: one year
Intended Level: 11-12
Prerequisite: Information Technology II
Course Description: This class is designed for the junior or senior who enjoys working with different software to develop multimedia projects. The students will learn how to make and edit movies by using iMovie, how to digitally edit photos using photo shop elements 6, scan old photos into the computer, print edited photos, and make their own music from garage band and burn CDs of that music. Students will be using scanners, CD burners, DVD burners, video recorders, and digital cameras. Students will be required to attend extracurricular activities to capture data and will need to be responsible in the use of all equipment. Grades will be determined by classroom participation and quality of projects.

503 Web Page Design
Duration: one year
Intended Level: 11-12
Prerequisite: Information Technology Applications II
Course Description: This is a class designed to teach students how to develop a web page, using dream weaver. Students will learn how to work with dream weaver, using HTML coding, linking emails, linking pages, creating backgrounds, use of rollovers, creating tables, use of borders and use of multimedia in web pages. Students will be graded on their participation and creativity.
**505 Metro Computer Programming**  
Duration: one year  
Intended Level: 11-12  
Prerequisites: Information Technology Applications II  
Course Description: This course will be offered as a dual credit course through Metropolitan Community College and will be taught with the use of the internet. It will include information on: Web Development, Database management, Programming, Graphic Arts, flowcharts, pseudo code, and algorithms to document logic as a solution to programming problems. The students will take three classes during the course of the year through Metropolitan Community College, which include HTML, Cascading and Style Sheets, and Dreamweaver.

**507 Metro Software Applications**  
Metro Course Number  
Duration: one year  
Intended Level: 10-11  
Prerequisites: Information Technology Applications I or permission from the instructor  
Course Description: This course will be offered as a dual-college credit course through Metropolitan Community College. Students will review letters, memos, reports, and tables; construct documents associated with starting a new business (i.e. business cards, letterhead, etc.); make a brochure; format spreadsheet information; construct documents associated with the job search process (i.e. resume, cover letter, etc.); make a Public Service Announcement; create a children’s story; make a simple web page; make an activity workbook; and use presentation software to teach a “how to” lesson to the class. Software applications that will be utilized in class include Microsoft Office, iWork, and iLife software packages. Lecture will occur when necessary, and students will be given lab time to complete assignments. Grading is based on daily assignments, quizzes and tests and projects.

**509 Computer Graphics**  
Duration: one year  
Intended Level: 9-12  
Prerequisites: none  
Course Description: This course is an introduction to the fundamental skills and terminology for creating and editing digital photographs, basic electronic paint and draw-type computer graphics. The student will use and learn the fundamentals of Adobe’s Photoshop Elements to explore basic painting, drawing, and typography concepts. Students will be graded on discussion and participation, projects, homework, and class work.
Business

520 Personal Finance
Duration: one semester
Intended Level: 10-12
Prerequisites: none
Course Description: This course is designed to give the student financial information necessary for life after high school. Topics include consumer economics, buying technology, careers, taxes, budgeting, banking and checking, saving, investing, credit, transportation, housing, and insurance. Grading is based upon daily assignments, tests, quizzes and various special projects.

12051 Introduction to Business
Duration: one semester
Intended Level: 10-12
Prerequisites: none
Course Description: This course is intended for the student with a general interest in how the business world operates. The course is an introduction to many aspects of business such as economic systems and activity, international business, social responsibility, management and leadership, human resources, career planning, technology, financial management, and production. Grading is based upon daily assignments, tests, quizzes, and various special projects.

540 Accounting
Duration: one year
Intended Level: 11-12
Prerequisites: none
Course Description: Students will study the accounting cycle for a service business organized as a sole proprietorship and a merchandising business organized as a partnership and corporation. Activities include journalizing and posting transactions, preparing worksheets, completing financial statements and end-of-fiscal period tasks, completing payroll and recording taxes, evaluating stock transactions and utilizing automated accounting software. Grading is based upon application problems, tests, quizzes and various special projects.

570 Business Law
Duration: one semester
Intended Level: 11-12
Prerequisites: none
Course Description: Business Law is a course designed to help students develop an appreciation for the law and a practical understanding of the legal framework within which individuals function – personally, socially, and professionally. Topics include the Constitution, US court system, criminal and civil law, contract law, sales law, property law, and employment law. Grading is based upon daily assignments, tests, quizzes, and various special projects.
Industrial Technology

600 Industrial Technology
Duration: one semester
Intended Level: 9-12
Prerequisites: none
Course Description: This class is designed to introduce high school students to the world of industrial technology. The eleven areas covered include: Architectural Auto CAD (2006), Mechanical CAD (Auto Sketch), Small Gas Engines, Electricity (residential wiring), Electronics, Intro. to Drafting, Research/Development, Engineering, Materials/Processes, Space Exploration, and Leather Crafts. The student will have to sign a safety pledge form and will have to pass a safety test. Grading is based on daily assignments, tests, and attendance. Students pay a lab fee to cover the cost of the class.

610 Woods Construction I
Duration: one year
Intended Level: 9-12
Prerequisites: none
Course Description: This is a beginning class in machine woodworking with emphasis on construction and safety. The class requires the use of power tools/machines. The first project (Wooden Castle) is designed to teach safety on each and every machine used in the shop. After lectures and demonstrations on each machine is given, the student must pass a safety test before operating each machine. Grading is based on weekly assignments, tests, lab performance, and finished projects. Students are required to pay for supplies used on their own projects.

620 Woods Construction II
Duration: one year
Intended Level: 10-12
Prerequisites: Beginning Woodworking
Course Description: This is an advanced woodworking course in machine woodworking, emphasizing style, design, finish and construction techniques utilizing larger wood and wood-related material projects. Some extra student expense is involved for project cost. A safety test will be done on all machines. Grading is based on weekly assignments, tests, lab performances, and finished projects. Students are required to pay for supplies used on their own projects.

630 Construction Management & Applied Carpentry
Duration: one year, two class periods
Intended Level: 11-12
Prerequisites: Beginning Woodworking, Construction Technology
Course Description: This is a class designed to give the student an opportunity to appreciate and experience the processes of residential construction and real life scenarios and situations in construction management. All skills in residential home building, including: rough carpentry, finish carpentry, plumbing, electrical, HVAC, roofing, drywall, cabinetry, painting and staining will be applied. Also, after completion of this course, the student will have a better understanding and appreciation of accounting, business management, math, time management and communication in relation to construction management. Grading is based on class participation, performance, accountability and attitude, as if the student were employed.
640 Mechanical Drafting I  
Duration: 1st semester  
Intended Level: 9-12  
Prerequisites: none  
Course Description: Mechanical drawing utilizes the use of instruments, equipment and materials. The type of drawings drawn by the student will include sketches, isometrics, orthographic projections and working drawings. Introduction to Auto Sketch will also be included at the end of the semester (3-4 weeks).

641 Mechanical Drafting II  
Duration: 1st semester  
Intended Level: 10-12  
Prerequisites: Mechanical Drafting I  
Course Description: This advanced mechanical drawing course is a continuation of Mechanical Drafting I. The drawings will be more detailed and complex, with some drawings being done in ink. The students will use drafting machines and Auto Sketch or Auto CAD 2006. Grading will be based on the assigned class drawings.

642 Mechanical Drafting III  
Duration: 1st semester  
Intended Level: 11-12  
Prerequisites: Mechanical Drafting II  
Course Description: This advanced mechanical drawing course is a continuation of Mechanical Drafting II. This is an individual problems course, designed for the individual who has a keen interest in drafting or who is planning a career in the area of drafting or engineering. Auto Sketch and Auto CAD 2006 will be used a majority of the time. Grading will be done on completed drawings.

643 Mechanical Drafting IV  
Duration: 1st semester  
Intended Level: 12  
Prerequisites: Mechanical Drafting III  
Course Description: This class is a continuation of Mechanical Drafting III. This is an individual problems course, which will include Auto Sketch and Auto CAD 2006. Many complex and isometric drawings are required. Grading will be done on completed drawings.

650 Architectural Drafting I  
Duration: 2nd semester  
Intended Level: 9-12  
Prerequisites: Mechanical Drafting I  
Course Description: Architectural drawing utilizes the use of instruments, equipment and materials. The student will complete a set of drawings that includes: floor plans, evaluations, plot plans and perspectives. Grading will be based on the completed individual drawings.
651 Architectural Drafting II
Duration: 2nd semester
Intended Level: 10-12
Prerequisite: Architectural Drafting I
Course Description: This is an advanced architectural drawing course, which is a continuation of Architectural Drafting I. The student will complete a more detailed and complex set of residential or commercial drawings. The drawings will include floor plans, elevations, plot plans, perspectives and details. Drawings will be done on drafting machines and Auto Sketch or Auto CAD 2006. Grading will be done on each completed drawing.

652 Architectural Drafting III
Duration: 2nd semester
Intended Level: 11-12
Prerequisite: Architectural Drafting II
Course Description: This class is a continuation of Architectural Drafting II. In this course, the individual student will plan and design his own home and draw a complete set of plans for the home. This is an advanced architectural drawing course for the individual who has a keen interest in architectural drawing, or who is planning a career in the area of architecture. Knowledge and use of Auto Sketch and Auto CAD 2006 will be required. Grading will be on completed drawings and a model, when applicable.

653 Architectural Drafting IV
Duration: 2nd semester
Intended Level: 12
Prerequisites: Architectural Drafting III
Course Description: This class is a continuation of Architectural Drafting III. In this course, the student will design and draw their own home and build a model of their home. Grading will be on completed house plans and model house.

660 Welding
Duration: one semester
Intended Level: 10-12
Prerequisites: none
Course Description: This class introduces the basics of welding and its safety. The course is designed for the student who wishes to develop welding skills in flat position arc, oxyacetylene welding, wire feed, brazing and gas cutting. Metals safety test will be given in studied areas. Some extra student expense is involved for project cost. Grading is based on weekly assignments, tests, lab performances, and finished projects. Class is limited to 10-12 students.
Visual and Performing Arts

Art

700 Art I - Theory and Fundamentals of Art
Duration: one semester
Intended Level: 9-12
Prerequisite: none
Course Description: This course is a prerequisite for all other high school art classes. It is an overview of the arts and includes a broad variety of media and materials used to study the elements and principles of design, color theory, drawing, painting, illustration, and printmaking. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.

705 Art II - Two-Dimensional Design & Illustration
Duration: one semester
Intended Level: 9-12
Prerequisite: Art I
Course Description: The fundamental skills and various techniques from Art 1 form the basis for Art 2. This course is an in depth study of composition and format that explores the principles of design and knowledge of the art elements. Design projects will involve the development of strong images through various medias in conjunction with typography to communicate ideas and expression. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.

710 Basic Drawing
Duration: one semester
Intended Level: 9-12
Prerequisite: Art I
Course Description: An intermediate drawing and design course dealing with fundamental drawing techniques in pencil, color pencil, charcoal, pastels, pen and ink, ink wash, and mixed media. Students will use drawing tools and various medias to apply knowledge of design with line, value, texture, form, space, and perspective. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.

715 Basic Painting
Duration: one semester
Intended Level: 9-12
Prerequisite: Art I
Course Description: This course is an introduction to the study and concepts of painting through the use of various medias including acrylics, tempera, oils, pastels, and watercolor. Students will examine techniques, tools, composition, color theory, formal properties and spatial properties of painting. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.
**720 Drawing**
Duration: one semester  
Intended Level: 10-12  
Prerequisite: Art I, Basic Drawing  
Course Description: The fundamental skills and drawing techniques from Basic Drawing form the basis for Drawing. This course deals with advanced drawing techniques in pencil, colored pencil, charcoal, pastels, pen and ink, ink wash, and mixed media. Students will organize and compose extended drawings by manipulating various art elements. The development of images and expression is an integral aspect of this course. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.

**730 Painting**
Duration: one semester  
Intended Level: 10-12  
Prerequisite: Art I, Basic Painting  
Course Description: The fundamental skills and techniques from Basic Painting form the basis for Painting. This course allows students to explore painting through individual study in multiple medias with emphasis on art movements and creative approaches used by artists. Construction of stretcher strips, masonite forms, stretching canvas, and framing for display will be utilized in this course. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.

**740 Sculpture & Ceramics**
Duration: one semester  
Intended Level: 9-12  
Prerequisite: Art I  
Course Description: This course is designed to provide a broad understanding of sculpture and ceramics. The student will experience both additive and subtractive sculpture, freestanding, and kinetic. As students research artists and sculpture, they will learn to work with a variety of materials and techniques in a 3-dimensional space. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.

**750 Advanced Art / Independent Study**
Duration: one semester  
Intended Level: 10-12  
Prerequisite: two semesters of art including Art I  
Course Description: This course is set up for the serious art student who is willing to work independently by utilizing self-discipline, time management, and problem solving. The student will develop original ideas working with a wide variety of medias and techniques. The student will critique own work as well as receive evaluations from instructor. Matting and framing of projects will be executed for display or exhibit. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.
760  Art Appreciation & Application
Duration: one semester
Intended Level: 10-12
Prerequisite: none
Course Description: This course offers an in depth survey of art through the ages starting with Paleolithic art and concluding with contemporary art. Emphasis will be on the art and artists of the past 100 years and on the role art has played within all cultures and daily lives. Student projects will concentrate on subject matter, composition, and techniques of the artists. Students will be graded on discussion and participation, projects, homework, craftsmanship, and class work.
Vocal & Instrumental Music

770 Choir
Duration: year
Intended Level: 9-12
Prerequisites: none
Course Description: A vocal music course that will provide students with a variety of choral styles with an emphasis on singing proficiency, vocal tone production, basic music theory, and performance. Opportunity for solos or small ensembles will be made available as wanted and needed. Grading will be based on classroom participation, cooperation, attitude, homework, tests, quizzes, and performance attendance (required).

775 Band
Duration: one year
Intended Level: 9-12.
Prerequisites: permission from the instructor
Course Description: A year-long instrumental music course for moderate to advanced skilled players. Performance requirements include pep band, marching, concerts, and music contests. Opportunities for solos and small ensembles are available. Grading is based on participation, cooperation, attitude, assignments, and performance attendance (required).

780 Music Appreciation/Theory
Duration: one semester
Intended Level: 9-12
Prerequisites: none
Course Description: This course is for students wanting to further their musical knowledge. Students considering a career in music are strongly encouraged to enroll. The class is designed to inspire, motivate, and educate students in multiple facets of music. Several topics will be covered, including, but not limited to: music theory, music history, composers (past and present), advocacy (the importance of music), composition (writing music), ear training, basic keyboarding (piano), and the role of music in society.

785 Introduction to Guitar
Duration: one semester
Intended Level: 9-12
Prerequisites: none
Course Description: Beginning guitar is a one semester course designed to give a student the fundamental skills that would allow him/her to play simple melodies and basic chords for simple songs. Basic skills include identifying guitar parts, string names, tuning, hand and finger positions, strumming, picking, and chords. Grades will be based on weekly evaluation of assignments, quizzes and tests.
Physical Education/Health

800 Health
Duration: one semester
Intended Level: 10-12
Prerequisites: none
Course Description: This class is designed to give the student knowledge of useful life skills and decision making abilities. The class emphasis is on CPR, basic first aid, and other basic response skills to life threatening problems. Human sexuality, childbirth, sexually contracted diseases and abusive relationships are also covered. Two research papers are required. Method of instruction includes lectures, films, and guest speakers.

802 Health II
Duration: one semester
Intended Level: 10-12
Prerequisites: Health
Course Description:

805 Metro Medical Terminology
Metro Course Number: HIMS 1111 Healthcare Careers, HIMS 1120 Medical Terminology I, HIMS 1130 Medical Terminology II
Duration: one year
Intended Level: 11-12
Prerequisites: Health
Course Description: By taking this course you are signing up for three metro classes: Medical Terminology I, Medical Terminology II, and Healthcare Careers.

- **Medical Terminology I**
  Course Description: This course assists students in establishing a solid foundation of medical terminology and abbreviations. Prefixes, suffixes, and word roots used in the language of medicine are introduced. Emphasis is placed on understanding the medical vocabulary as it applies to the anatomy, physiology, and pathology of the human body. The functioning of the body systems, clinical/surgical procedures, and therapies are studied. Normal pathological, clinical, and laboratory considerations are examined in order to best prepare students for entrance into the healthcare professions. Emphasis is also placed on correct spelling and pronunciation.

- **Medical Terminology II**
  Course Description: This course is a continuation of HIMS 1120. Additional body systems, specialty medical areas, clinical procedures, laboratory tests, medical terms, and abbreviations are presented. Practical applications with case reports, operative and diagnostic tests, and laboratory and x-ray reports are studied. Upon completion, students should be able to pronounce, spell and define a wide array of medical terms related to the human body.

- **Healthcare Careers**
  Course Description: This course provides students an overview of the healthcare field. Topics include healthcare delivery systems, history of healthcare, careers in healthcare, personal qualities of healthcare workers, principles of teamwork time management, human growth and development, cultural diversity, safety issues, and computer technology in healthcare settings. The components of healthcare facilities include the governing board, the administration, and the professional/medical staff, are covered. Strategies of student success in HIM (Health Information Management systems) are explored. Current issues in healthcare are addressed in order to enrich students understand and breadth of knowledge of the U.S. Healthcare system and the roles and functions of various healthcare professionals.
810 Physical Education I
Duration: one year
Intended Level: 9-10
Prerequisites: none
Course Description: Physical development of flexibility, strength, and endurance through running, jumping, circuit training, and weight training. This class is used to gain knowledge in areas relating to physical fitness for a better understanding of the importance and benefits of exercise. Students will participate in activities/games that enhance muscular endurance and strength and will learn the fundamentals of various team sports.

815 Adaptive Physical Education
Duration: one year
Intended Level: 9-12
Prerequisites: none
Course Description: This course will focus on physical development of flexibility, strength, and endurance through modified exercises and movements. This class will also be used to gain knowledge in different areas of physical fitness and sports. Students will participate in a variety of different games and activities, which will help them to improve areas of limitations.

820 Physical Education II
Duration: one year
Intended Level: 11-12
Prerequisites: Physical Education I
Course Description: This course will focus on the physical development of flexibility, strength and endurance through running, jumping, circuit training, weight training, fitness testing and sports officiating. Students will gain knowledge in areas relating to physical fitness for a better understanding of the importance and benefits of exercise. Students will participate in activities/games that enhance muscular endurance and strength and build on team sport fundamentals and strategies.

830 Weight Training I
Duration: one year
Intended Level: 9-10
Prerequisites: none
Course Description: During this class the students are able to participate in a weight lifting program, aerobic program, or a plyometric program. This course would be very beneficial for anyone that is looking to improve his/her overall strength and conditioning.

????Leadership Weight Training
Duration: one year
Intended Level: 11-12
Prerequisites: none
Course Description: During this class the students are able to participate in a weight lifting program, aerobic program, or a plyometric program. This course would be very beneficial for anyone that is looking to improve his/her overall strength and conditioning. If a student has already taken Weight Training I, the training will be at a more advanced/higher level.
850 Recreation/Lifetime Activities
Duration: one semester
Intended Level: 11-12
Prerequisites: none
Course Description: This is a Physical Education class geared towards learning the benefits of recreation and lifetime activities. This class will include activities such as volleyball, fishing, bowling, biking, ice skating, basketball, golf, and other activities relating to recreation and lifetime use. The students will still learn all of the benefits that physical education has to offer in the future.

860 UNO Sports Medicine/Anatomy
Duration: one semester
Intended Level: 11-12
Prerequisites: Health
Course Description: This course introduces students to the basic injuries experienced by athletes. Students will learn the importance of conditioning, cause of injury, how to prevent the injury and how to manage injuries. The students will learn how to care and rehabilitate common injuries sustained by athletes. This class will be taught using “Fundamentals of Athletic Training,” and “The Comprehensive Manual of Taping and Wrapping Techniques.” This course is a weighted course and can be taken as a dual credit course through UNO.

Lifestyle Nutrition
Duration: one semester
Intended Level: 9-12
Prerequisites: none
Course Description: Nutrition represents an important health concern throughout the life cycle. This course includes human nutrition, nutrition in healthcare through the lifecycle, introduction to therapeutic and modified diets, nutritional assessment, and analysis, introduction to therapeutic and modified diets and a brief overview of nutrition support. This course also covers gastrointestinal, cardiovascular and endocrine systems as related to medical nutrition therapy.

UNMC High School Alliance
Duration: one year
Intended Level: 12 (upon selection of the UNMC Community)
Prerequisites: Health - Students admitted to the UNMC Alliance will take classes on the UNMC campus every day from 1 p.m. to 3 p.m. Because school districts have different calendars, the UNMC Alliance follows the Omaha Public Schools calendar. If school is not in session but the UNMC Alliance does have class, students are still required to attend. This is a weighted class for students that are selected.

Course Description: Course offerings for 2018-19 include:

- Biomedical Research
- Exploration of Human Anatomy
- Human Genetics – Medical and Societal Implications
- Infectious Disease – Microbes: The Good, The Bad, The Ugly
- The Study of Patient Care
- Pathology – Connecting Cells to the Clinic: Fundamentals of Disease
- Introduction to Pharmacy
- Community Health - Outside the Individual: Investigating the Public's Health
- Intro to Behavioral Health: Concepts and Careers from Family Therapy to Forensic Psychiatry
- The Biology and Prevention of Cancer
Interdisciplinary Studies

900 Investigating Careers/College Preparation
Duration: one year
Intended Level: 12
Prerequisite: College-bound students
Course Description: Careers Class is a senior oriented class that focuses on Career Pathways, College Choice and Job preparation. The Career Pathway segment starts with personality and psychological evaluation tests that direct the students to career opportunities that match their personalities. Representatives from the professional world, colleges and vocational schools are invited to speak to the students about job requirements and future opportunities. The College Choice segment is a year-long decision process in which the students research the best college for their interest in a particular field of study. The students then take campus visits and meet with future students and professors in the field that they choose. College applications, scholarships, and financial aid applications are reviewed and completed during class time. The Job Preparation segment starts with the shadowing of a professional in a chosen area. All students will complete one job shadow per semester. This will allow them to explore a different field of the job market. The students will also complete a Real Life Simulation Project. The project will allow them to set up and complete a budget sheet that allows them to learn the value of budgeting money and spending needs.

905 Introduction to Careers
Duration: one semester
Intended Level: 9-10
Prerequisite: none
Course Description: This course focuses on learning skills (academic development), earning skills (career development) and living skills (person/social development). It will allow students to explore all Nebraska Department of Education career clusters, pathways, and programs of study. Skills inventory tests will be given to match a student’s personality and interest with career options. Career documents (including various resume formats) will be introduced. Leadership development will also be addressed. A personal Learning Plan, job shadows and informational interviews are course requirements.
Special Education
(Special Education courses are only offered to students on an Individualized Education Plan)

949 School to Work Experience
Duration: one year
Intended Level: 12
Prerequisites: none
Course Description: This course will include activities to prepare the student for the world of work. Students will be assigned job shadowing experiences and/or vocational work experiences to a jobsite outside of the school with the possibilities of future employment. Students will gain and maintain vocational skills.

955 Resource Study Skills
Duration: one year
Intended Level: 9-12
Prerequisites: permission from the instructor
Course Description: Students will focus on techniques needed to become better organized, work independently on their own assignment completion and improve study habits. This class is only available to special education students.
English as a Second Language (ESL)
English Language Learners (ELL)

35 ELL Beginning English
Duration: one year
Intended Level: 9-12
Prerequisites: None
Course Description: This course is designed for the ELL student who is just entering a US school for the first time. Focus is on everyday conversational English and extensive vocabulary connected with pictures. Key topics cover home, family, workplace, community, healthcare and academic studies. Sub-topics include everyday language, people, housing, food, clothing, health, community, transportation, areas of study, plants and animals, work and recreation, and sports. Spelling and beginning skills in writing in English are introduced. English grammar is also covered.

36 ELL Intermediate English
Duration: one year
Intended Level: 9-12
Prerequisites: ELL Beginning English
Course Description: This course is an extension of ELL Beginning English and will follow the same curriculum as the regular English class, with modifications as needed. Grammar, writing, literature, vocabulary, poetry, and information related to job skills will be covered in this course.

47 ELL Reading I
Duration: one year
Intended Level: 9-12
Prerequisites: None
Course Description: This course will focus on teaching the non-reading ELL student to read with an extensive phonics and sight word curriculum.

48 ELL Reading II
Duration: one year
Intended Level: 9-12
Prerequisites: ELL Reading I
Course Description: This course is an extension of ELL Reading I. First semester, stories are introduced through a picture/caption curriculum and the focus is on vocabulary and comprehension. Second semester, students read stories with fewer or not pictures and continue to expand vocabulary and comprehension.

271 ELL Math
Duration: one year
Intended Level: 9-12
Prerequisites: None
Course Description: This course is designed for the beginning ELL student who has little or no math background. It will focus on the math skills of addition, subtraction, multiplication and division of whole numbers and decimals. Time, money, and survival math skills will also be covered in this course.
273  ELL General Math I
Duration: one year
Intended Level: 9-12
Prerequisites: None
Course Description: This course is designed for the beginning ELL student who has a limited math background. Topics include computations with whole numbers, decimals, fractions, integers, percents and real life problems involving those sets of numbers.

274  ELL General Math II
Duration: one year
Intended Level: 9-12
Prerequisites: None
Course Description: This course is designed for ELL student who has a fairly solid background in math. Topics will include those in General Math I, but will also include Consumer Math skills (straight-time pay, over-time pay, commission, net pay, gross pay and a banking unit). Students will also be introduced to ratios, proportions, equations, ordered pairs and graphing.

336  ELL Science
Duration: on semester
Intended level: 9-12
Prerequisites: none
Course Description: This course focuses on content science vocabulary and background knowledge needed to participate in regular core Science classes. Special emphasis will be placed in the content areas of: Biology, Physical Science, Chemistry and Environmental Science.

448 ELL Social Studies
Duration: on semester
Intended level: 9-12
Prerequisites: none
Course Description: This course focuses on content Social Studies vocabulary and background knowledge needed to participate in regular core Social Studies classes. Special emphasis will be placed in the content areas of: Geography, US History, World History, Economics and Political Science.

956  ELL Beginning Study Skills
Duration: one year
Intended Level: 9-12
Prerequisites: None
Course Description: This course is designed for the ELL student and will use object picture cards and story boards to teach vocabulary and language.

958  ELL Intermediate Study Skills
Duration: one year
Intended Level: 9-12
Prerequisites: Beginning Study Skills
Course Description: This course is an extension of ELL Beginning Study Skills and will focus on survival vocabulary and Science/Social Studies prep.
959  ELL Advanced Study Skills
Duration: one year
Intended Level: 9-12
Prerequisites: Intermediate Study Skills
Course Description: This course is an extension of ELL Intermediate Study Skills and will focus on providing assistance for the student on regular content curriculum studies.
Experience Based Career Education (EBCE)

966 Work Experience
Duration: one year
Intended Level: 9-12
Prerequisites: None

Course Description: This course will include activities to prepare the student for the world of work. When students gain and maintain the necessary vocational skills to earn the opportunity for additional work experience, the student may be assigned to a job site outside of the school, with the goal of future employment. Activities and instruction will be based upon present level of educational performance and individual student goals. The student must provide documentation (pay stubs) of 80 hours of work to earn 1 credit.

Notice of Nondiscrimination
The Douglas County West Community School District does not discriminate on the basis of sex, disability, race, color, religion, veteran status, national or ethnic origin, marital status, pregnancy, childbirth or related medical condition, or other protected status in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the non-discrimination policies: Dr. Melissa Poloncic, Superintendent, 401 S Pine Street, Valley, NE 68064 (402) 359-2583 (mpoloncic@dewest.org). Employees and Others: Allison Nields, Title IX Director, 401 S Pine Street, Valley, NE 68064 (402) 359-2583 (anelids@dewest.org). Complaints or concerns involving discrimination or needs for accommodation or access should be addressed to the appropriate Coordinator. For further information about anti-discrimination laws and regulations, or to file a complaint of discrimination with the Office for Civil Rights in the U.S. Department of Education (OCR), please contact the OCR at 601 East 12th Street, Room 353, Kansas City, MO 64106, (800) 368-1019 (voice), Fax (816) 426-3686, (800) 537-7697 (telecommunications device for the deaf), or ocr.kansascity@ed.gov (mailto:ocr.kansascity@ed.gov).