

ARLINGTON HIGH SCHOOL



CURRICULUM GUIDE 2024-2025

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PURPOSE

The purpose of the Curriculum Guidebook is to provide a brief description of instructional course offerings. Included in this description are course titles, course numbers, specific credit hours, course prerequisites, grades open for course registration, and each course's major goals, themes, and areas of focus.

Completing the course registration form is a process based upon each student's interests and goals for the future. Consequently, course registration should involve input from the school personnel, the student, and his/her parents/guardians. The involvement and input from these three parties will help insure the development of an educational program that best meets the needs of each student.

While this guidebook contains a comprehensive list of all possible course offerings, low student enrollment in a course may make it impossible to schedule an offering for the ensuing school year. Students will be kept updated of any such changes in our course offerings so an alternate course can be selected.

NONDISCRIMINATION STATEMENT

The Arlington Public Schools does not discriminate on the basis of race, color, national origin, sex, marital status, age, or disability in admission or access to, or treatment or employment in its programs and activities.

Inquiries regarding grievance procedures or the policies of nondiscrimination may be directed to Dr. Dawn Lewis Superintendent of Schools, 705 North 9th Street, PO Box 580, Arlington, NE 68002, (402) 478-4173.

DEFINITIONS OF PROGRAMS OF STUDY

NOTE: Completion of all categories below will allow a student to enter most colleges and universities. Some colleges and universities may have more demanding high school requirements. Requirements are subject to change. Contact the college of your choice for up-to-date information on their requirements.

<u>Category</u>	<u>Years</u>	<u>General College/University-wide Requirements</u>
English	Four years	All courses must include intensive reading and writing.
Math	Four years	Algebra 1 and 2, Geometry and one additional course that builds on knowledge of Algebra and Geometry.
Social Studies	Three years	Courses must include World History or World Geography, an American History course and one additional year of history such as American Government, Psychology or Sociology.
Science	Three years	At least two courses from biology, chemistry, physics and earth science. One course must include laboratory instruction.
Foreign Language	Two years	Courses must be in the same language.

In addition to meeting the above course requirements, students applying for admission to the University of Nebraska system should:

- Be ranked in the upper one-half of their high school class, or
- Earned a 3.00 or higher cumulative high school GPA
- Have received an ACT composite score of 20 or higher, or
- Have received a SAT total score of 1040 or higher

Students who do not meet the above requirements for assured admission are sometimes admitted on probation. Each application will receive individual review for demonstration of potential for success at the university work-level.

COURSE SELECTION

The selection of a student's program is a serious undertaking. Students and parents are encouraged to give registration careful planning, time, and attention. Feel free to seek extra conference time with the counselor and/or with teachers. We expect spring registration to be final -- careful planning makes this possible. Good planning considers individual needs, desires, and abilities, as well as anticipated course load and activities in and out of school. Careful planning eliminates the need for drops, additions, or schedule changes.

GENERAL INFORMATION

1. All students must take seven (7) classes each semester.
2. Students are encouraged to select a program of study that will challenge them intellectually, as well as prepare them for their chosen vocation.
3. Students are required to consult with their parents so a mutual understanding of individual needs may be met.
4. Students are encouraged to make full use of all the school's facilities and to consult with a counselor.
5. It is the policy of Arlington Public Schools to be in compliance with Title IX requirements. Enrollment of students into courses are not based on sex, race, or handicapped conditions.

ARLINGTON HIGH SCHOOL DUAL ENROLLMENT INFORMATION 2024-2025 SCHOOL YEAR

Juniors and seniors, and their parents are urged to carefully read the information that follows on Concurrent Enrollment opportunities for the next school year available from Metropolitan Community College. Participating in dual enrollment coursework enables students to complete courses needed to meet high school graduation requirements while at the same time earning college credits applicable toward an eventual degree program. Concurrent enrollment coursework also serves to challenge students at a level not normally found in general high school courses.

An Arlington staff member in a traditional classroom setting will teach concurrent enrollment courses. Metropolitan Community College content and objectives will be covered as part of a regular high school course with students completing additional work/readings in order to earn college credit. Metropolitan Community College Dual Enrollment opportunities provide academic transfer credit to many four-year institutions.

The student will be responsible for the cost of textbooks and any online fees. All classes will receive a letter grade and be figured in the high school GPA.

In order to qualify for dual enrollment classes, students must have a cumulative GPA of 3.0 or better and attain a minimum score as designated by the college, on the ACT or Pre-ACT tests.

<u>High School Course Name</u>	<u>College Course Name and Number</u>
College Algebra	MATH 1425 Pre-Calculus College Algebra
College Trigonometry	MATH 1430 Trigonometry
Calculus	MATH 2410 Calculus I
Business Law	BSAD 1100 Business Law I
Wealth Build/Fin Mgt.	FINA 1200 Wealth Building and Per. Fin.
Macro Economics	ECON 1000 Macro Economics
Spanish III	SPAN 1110 Elementary Spanish I and SPAN 1120 Elementary Spanish II
Spanish IV	SPAN 2110 Intermediate Spanish I SPAN 2120 Intermediate Spanish II
Intro to Education	EDUC1110 Intro to Education

METROPOLITAN COMMUNITY COLLEGE KICKSTART ONLINE INSTITUTE

Metropolitan Community College now offers an online Kickstart Program (KSOI) which offers online courses that are set up to match our semesters. In order to qualify for Kickstart classes, students must have a cumulative GPA of 3.0 or better and attain a minimum core as designated by the college on the ACT or Pre ACT tests. Students will earn both high school and college credit. These classes will be aligned with the semester schedule so students will follow our normal schedule.

Students must purchase required textbooks and fees, which vary in cost, and have access to an internet connection and computer. Students who enroll will be assigned to a Kickstart class period. All classes will receive a letter grade and be included in the high school GPA.

The following courses will be offered for the 2024-2025 School Year.

<u>COLLEGE COURSE</u>	<u>FALL</u>	<u>HIGH SCHOOL CREDIT</u>
ENGL 1010 (COMPOSITION I)		COLLEGE ENGLISH I
HIST 1010 (US HISTORY I)		US HISTORY (1SEM)
PSYC 1010 (INTRO TO PSYCH)		INTRO TO PSYCH
SOCI 1010 (INTRO TO SOCIOLOGY)		SOCIOLOGY
MATH 1410 (STATISTICS)		MATH ELECTIVE
HIMS 1111 (HEALTHCARE CAREERS)		HEALTHCARE CAREERS
HIMS 1120 (MED TERM I)		MEDICAL TERMINOLOGY
HMRL 1010 (HUMAN RELATIONS)		VOCATIONAL ELECTIVE
BSAD 1000 (INTRO TO BUSINESS)		VOCATIONAL ELECTIVE
ECON 1000 (MACROECONOMICS)		VOCATIONAL ELECT

<u>COLLEGE COURSE</u>	<u>SPRING</u>	<u>HIGH SCHOOL CREDIT</u>
ENGL1020 (COMPOSITION II)		COLLEGE ENGLISH II
HIST 1020 (US HISTORY II)		HONORS US HISTORY
GEOG 1050 (HUMAN GEOGRAPHY)		HUMAN GEOGRAPHY
ECON 1100 (MICROECONOMICS)		VOCATIONAL ELECTIVE
COMS 1110 (PUBLIC SPEAKING)		PUBLIC SPEAKING
MATH 1305 (QUANTITATIVE LITERACY)		QUANTITATIVE LITERACY
HIMS 1130 (MET TERM II)		ELECTIVE
HIMS 1150 (INTRO TO MED LAW & ETHICS)		ELECTIVE
HMRL 1010 (HUMAN RELATIONS)		VOCATIONAL ELECTIVE
SOCI (INTRO TO SOCIOLOGY)		SOCIOLOGY
PSYC 1010 (INTRO TO PSYCH)		INTRO TO PSYCH
PSYC 1120 (HUMAN GROWTH & DEVELOPMENT)		VOCATIONAL ELECTIVE

Students registering for online courses may complete course work as part of their regular school day using school equipment and internet access or they may complete course work at home. That flexibility makes scheduling an online course relatively easy. At the same time, successful completion of online coursework, particularly at the college level, requires self-discipline on the part of the student.

ASSESSMENT REVIEW

1. **MAPS** stands for Measures of Academic Progress. It is a nationally normed reference test, which is adaptive in nature to measure the academic ability of students. This test is given to all students in kindergarten through ninth grade.
2. **NSCAS** stands for Nebraska Student Centered Assessment System. It is a nationally normed reference test which is adaptive in nature to measure the academic ability of students. This test is given to all students in 3rd – 8th grade.
3. **Pre-ACT** is a nationally normed examination that consists of tests in English, Mathematics, Reading, and Science. It identifies areas of academic strength and opportunity. All sophomores take the Pre-ACT in the spring.
4. **PSAT/NMSQT** stands for Preliminary SAT/National Merit Scholarship Qualifying Test. It's a standardized test that provides firsthand practice for the SAT Reasoning Test. It also gives you a chance to enter National Merit Scholarship Corporation (NMSC) scholarship programs. The PSAT is an elective test. It is the only way to enter the National Merit Scholarship Program. There is a charge for this test. This test is open to sophomore and juniors but only juniors can qualify for National Merit.
5. **ACT** is a national college admission examination that consists of tests in English, Mathematics, Reading and Science and an optional Writing Test. Colleges use ACT scores along with rank, GPA and strength of schedule for admissions decisions and scholarship consideration. All juniors take the ACT at school in the spring. Students applying to college are encouraged to take the ACT multiple times.
6. **ASVAB** stands for Armed Services Vocational Aptitude Battery. It is a military placement and career exploration exam. This is an optional free test.

GRADUATION REQUIREMENTS

A student graduating in the year **2025-2028** must earn a minimum of 260 credit hours in order to be eligible to graduate from Arlington High School. The following courses must be successfully completed.

Language Arts – 45 credit hours

English 9	10
English 10	10
English 11	10
Beginning Speech	5
English 12/College Eng. I & II	10

Social Studies – 35 credit hours

World Geography	10
World History	10
American History-20 th Century	10
American Government	5

Mathematics – 30 credit hours

Algebra I*	10
Geometry	10
Math Elective	10

* Students who passed Algebra I as an 8th Grader must still meet the 30 credit hour high school requirement with additional math electives.

Science – 30 credit hours

Physical Science	10
Biology	10
Science Elective	10

Vocational – 20 credit hours

Information Technology I	5
Information Technology II	5
Wealth Building & Macroeconomics or Personal Finance/Bus Economics	5

Remaining credits can be obtained from Business, and/or Consumer/Family Science, and/or Industrial Education, and/or additional computer classes. 5

Physical Education – 20 credit hours

Physical Education I/Health	10
P.E. Electives	10

Fine Arts – 10 credit hours

*These credits can be earned in the areas of Instrumental (10), Vocal Music (10), Art (10), Music App. (5) and Music Tech. (5) or a combination of these classes.

Electives – 70 credit hours

Additional academic and vocational courses must be taken to complete the required number of credit hours for graduation.

All seniors must complete all course work required for graduation prior to the commencement ceremonies in the spring in order to participate in those ceremonies. The counseling staff will communicate with parents on a regular basis regarding their son or daughter's progress toward completing requirements for graduation.

Exceptions to the above requirements may be made for students with disabilities upon the approval of the high school principal and the superintendent. Each student must be scheduled into a minimum of seven courses each semester. The superintendent, high school principal, and counselor shall determine graduation requirements and class schedules for any student who transfers into Arlington High School during his/her high school years. Graduation requirements of the school of origin as well as the requirements of Arlington High School shall be taken in to consideration. No outside agency shall have the authority to grant credits applicable to graduation requirements for Arlington High School unless approved by the administration.

EARLY GRADUATION

A student may graduate in fewer than eight semesters if he/she meets the following requirements:

- a. Has met all graduation requirements as set forth in Policy 6122 and Regulation 6122;
- b. Has maintained a cumulative grade point average equivalent of a B (3.0) or above;
- c. Has scored at or above the 50th percentile in composite achievement in the most recent standardized achievement test.
- d. Must have earned a minimum of 220 credits by the end of the junior year.

Students considering graduating in fewer than eight semesters will need to schedule at least one senior English course during their junior year or two in the first semester of their senior year.

JUNIOR HIGH COURSE INDEX

GRADE 7

REQUIRED:

English 7
Reading 7
Integrated Science/Physical
Math 7
MS Physical Education/Health
Early World History
Middle School Physical Education
Keyboarding Applications

ELECTIVE COURSES:

Middle School Band	(year)
Middle School Vocal Music	(year)
Middle School Vocal/Middle School Band (alternate days)	(year)
Accelerated Learning Program	(year)
FCS and Career Essentials	(one semester)
Exploration in Technology	(one semester)
Beginning Multimedia	(one semester)
Exploring Agriculture	(one semester)
Art 8	(one semester)

GRADE 8

REQUIRED:

English 8
Reading 8
Integrated Science/Life
Algebra I/Pre-Algebra
MS Physical Education/Health
American History
Exploration of Business and Entrepreneurship

ELECTIVE COURSES:

Middle School Band	(year)
Middle School Vocal Music	(year)
Middle School Vocal/Middle School Band (alternate days)	(year)
Accelerated Learning Program	(year)
FCS and Career Essentials	(one semester)
Exploration in Technology	(one semester)
Beginning Multimedia	(one semester)
Exploring Agriculture	(one semester)
Art 8	(one semester)

SENIOR HIGH COURSE INDEX

WORLD LANGUAGE

ELECTIVES:

Spanish I
Spanish II
Spanish III
Spanish IV

LANGUAGE ARTS

REQUIRED:

English 9
Honors English 9
English 10
Honors English 10
English 11
Honors English 11
Beginning Speech

ELECTIVES:

English 12
Creative Writing
Beginning Journalism
Newspaper
College English I
College English II
Competitive Speech

SOCIAL STUDIES

REQUIRED

World Geography
World History
American History: 20th Century
American Government

ELECTIVES:

Current Issues & Events
US Military History I
US Military History II

NATURAL SCIENCES

REQUIRED:

Physical Science
Biology

ELECTIVES:

Physiology/Anatomy
Chemistry
Physics
Applied Science
Chemistry II
Biology II

MATHEMATICS

REQUIRED:

Algebra I
Geometry
ELECTIVES:
Math Topics
Algebra II
Honors Algebra II
Honors Geometry

Algebra III
College Algebra
Trigonometry
Statistics
Calculus
Nebraska Math Readiness

PHYSICAL EDUCATION

REQUIRED:

Physical Education I/Health

ELECTIVES:

Lifetime Sports/Resistance Training
Strength Training
Lifetime Activities

BUSINESS

REQUIRED:

Business Economics or Macroeconomics
and Wealth Building & Financial Management

ELECTIVES:

Beginning Accounting I
Beginning Accounting II
Advanced Accounting I
Advanced Accounting II
Business Law
Diversified Occupations
On the Job Training

COMPUTER SCIENCES

REQUIRED:

Information Technology Applications I
Information Technology Applications II

ELECTIVES:

Digital Design
Broadcasting I
Broadcasting II
Interactive Media & Web Design
Intro to Computer Science
Applied Technology
Computer Programming

FAMILY CONSUMER SCIENCES**ELECTIVES:**

Food Nutrition and Wellness
Advanced Food Nutrition and Wellness
Life & Career Readiness

INDUSTRIAL EDUCATION**ELECTIVES:**

Basic Technology
Beginning Woodworking
Advanced Woodworking
Mechanical Drafting
Construction Trades I/S
Small Engines/Power Technology
Home & Auto Maintenance

FINE ARTS**ELECTIVES**

Art I
Art II
Pottery
Sculpture
Graphic Arts
Advanced Art

HEALTH & HUMAN SERVICES**REQUIRED:**

Health

ELECTIVES:

Intro to Education
Human Growth & Development
Education Practices
Experiencing Teaching
Intro to Sports Medicine

AGRICULTURE**ELECTIVES:**

Intro to Ag, Food, & Natural Resources
Animal Science
Plant Science
Nursery & Landscape
Crop Management & Agronomy
Agribusiness
Large Animal Management
Basic Welding
Advanced Welding
CASE Natural Resources

MUSIC**ELECTIVES:**

High School Band
Show Choir
Vocal Music
Music Appreciation
Music Technology I
Music Technology II

LANGUAGE ARTS

ENGLISH 7

Course Number: 1705
Course Length: 2 Semesters
Grade: 7- All seventh graders are enrolled in this course.

English 7 is a comprehensive language arts course focused on reading and writing skills. In literature, students will read fiction and nonfiction texts while implementing strategies to improve comprehension and vocabulary. This course places heavy emphasis on reading not only as a tool for gaining knowledge but also as an enjoyable leisure-time activity. In writing, students will build on grammar, mechanics, and usage skills, construct compositions utilizing the writing process, and be introduced to MLA format. Students will also practice and apply various oral communication skills for formal and informal settings.

READING 7

Course Number: 1765
Course Length: 2 Semesters
Grade: 7- All seventh graders are enrolled in this course.

In this course, students work to continue to develop and assess their individual reading and vocabulary skills. Because reading is an integrated part of language, students respond verbally and in writing to what they have read. In addition, the course places heavy emphasis on reading not only as a tool for gaining knowledge, but as an enjoyable leisure-time activity. Students will choose the books they read from many sources: school or public libraries, classroom book collections, personal libraries. The instructor does, however, have the right and the responsibility to determine the appropriateness in terms of subject matter or reading level of the books read. Class readings include the genres of realistic fiction, dystopian fiction, fantasy, and drama.

ENGLISH 8

Course Number: 1805
Course Length: 2 Semesters
Grade: 8- All eighth graders are enrolled in this course.

English 8 is a comprehensive language arts course focused on reading, writing, and speaking skills. The majority of the course is devoted to the studies of literature and writing. In literature, units of study will focus on both fiction and nonfiction genres selections (short stories, poetry, drama, and novels) in which students apply reading strategies to improve comprehension. In writing, compositions use the writing process and will focus on the 6 Traits of Writing to help student assess achievement and mastery in descriptive writing. In addition, the course incorporates vocabulary, research, and speaking skills into units of study.

READING 8

Course Number: 1865
Course Length: 2 Semesters
Grade: 8- All eighth graders are enrolled in this course.

In this course, students work to continue to develop and assess their individual reading and vocabulary skills. Because reading is an integrated part of language, students respond verbally and in writing to what they have read. In addition, the course places heavy emphasis on reading not only as a tool for gaining knowledge, but as an enjoyable leisure-time activity. Students will choose the books they read from many sources: school or public libraries, classroom book collections, personal libraries. The instructor does, however, have the right and the responsibility to determine the appropriateness in terms of subject matter or reading level of the books read. Class readings include the genres of nonfiction, historical fiction, and drama.

ENGLISH 9

Course Number: 0100
Course Length: 2 Semesters
Grade: 9

English 9 is designed to emphasize literature and various modes of writing. The literature read involves short stories, poetry, plays, and nonfiction. Grammar, mechanics, and usage will also be studied in conjunction with the following modes of writing: five-paragraph essay, persuasive, informative, and creative.

HONORS ENGLISH 9

Course Number: 0102
Course Length: 2 Semesters
Grade: 9
Prerequisites: Minimum A- average entire year, 75th percentile (or higher) on MAPs or Exceeds ranking on State Reading and Writing, and teacher recommendation.

Honors English 9 is an accelerated course designed to emphasize literature and various modes of writing. Writing modes include five paragraph essays, persuasive writing, creative writing, and research papers. Literature studied includes short stories, poetry, plays, and nonfiction. In addition, this class reads some of the same novels as English 9 but also some more challenging novels. This class features high expectations regarding the length and level of critical thinking required in these assignments and is designed to challenge students that are more advanced.

ENGLISH 10

Course Number: 0110
Course Length: 2 Semesters
Grade: 10

Students in this required course study short stories, novels, essays, plays and poems. Writing is process-oriented, with practice in the steps of prewriting, outlining, drafting, and revising. In addition to several short essays, students will write a research paper.

HONORS ENGLISH 10

Course Number: 0112
Course Length: 2 Semesters
Grade: 10
Prerequisite: Minimum A- average entire year in English 9 OR Minimum B- average entire year in Honors English 9, 75th percentile (or higher) on MAPs or Exceeds ranking on State Reading and Writing, and teacher recommendation.

Students in this required course study short stories, novels, essays, plays, and poems. Along with reading some of the same novels as English 10. The reading level of the selections, discussion topics, and assessment strategies will reflect the more advanced skills of students in this class. Writing is process-oriented, with practice in the steps of prewriting, outlining, drafting, and revising. In addition to writing several short essays, students will write a research paper. High expectations regarding the length and level of critical thinking required in these assignments will be designed to challenge students that are more advanced.

ENGLISH 11

Course Number: 0120
Course Length: 2 Semesters
Grade: 11

English 11 is designed to explore American and British literature through a combination of novels, short stories, poems, plays, and nonfiction, developing an understanding of the history and philosophies surrounding the creation of these works. Students will build on writing skills using their knowledge of grammar, vocabulary, and sentence structure, writing in various modes: five-paragraph essay, persuasive, informative, and creative. By the end of the course, students will put together a portfolio utilizing all four writing forms. Students will also practice ACT English reading and writing skills and strategies to improve their ACT scores.

HONORS ENGLISH 11

Course Number: 0125
Course Length: 2 Semesters
Grade: 11
Prerequisite: "A" yearlong average in English 10 or "B" yearlong average in Honors English 10, score equivalent to being college ready on standardized tests, written essay, and interview.

Honors English 11 is designed to explore American and British literature through a combination of advanced novels, short stories, poems, plays, and nonfiction, developing an in-depth understanding of the history and philosophies surrounding the creation of these works. Students will build on writing skills using their knowledge of grammar, vocabulary, and advanced sentence structure, writing in various modes: five-paragraph essay, persuasive, informative, and creative. By the end of the course, students will put together a portfolio utilizing all four writing forms, including a 5-page research paper. Students will also practice ACT English reading and writing skills and strategies to improve their ACT scores.

ENGLISH 12

Course Number: 0130
Course Length: 2 Semesters
Grade: 12

English 12 is a one-year course intended for both college and non-college bound seniors and will fulfill language arts requirements. English 12 is designed to focus on a study of contemporary literature and various modes of writing. Vocabulary, grammar, mechanics, and usage will also be studied. In addition, English 12 will highlight reading and writing skills that are applicable to life after high school.

COLLEGE ENGLISH II

Course Number: 0140
Course Length: 1 Semester
Grades: 12
College Credit: ACT English score of 20+ or the equivalent to being college ready in standardized tests.

Continuing the survey of British literature and the history of the English language, students in this class will write 2-3 page persuasive essays at the conclusion of each of the novels read which will include a list of works cited. This will culminate in the final project: a fully documented 10-12 page research paper that synthesizes their abilities to discern relevant, reliable sources; critically assess a researchable topic and critical question; prove a thesis; document and create a college-worthy research paper.

Students in this class are undertaking both the high school English 12 curriculum and Metro College's Composition 1020

CREATIVE WRITING

Course Number: 0141
Course Length: 1 Semester
Grades: 10-12, course may not be repeated

This elective course is for students who are truly interested in constructing personal writing. The structure of this course is "hands on," providing class time for the analysis of a variety of creative writing, prompts which will be critiqued through sharing. On Fridays, each student will present their most impressive piece derived from his/her week of writing, to be followed by oral critiques from peers as well as written critiques from the instructor. A final writing project must be presented in class, and should be something a) original, b) written, and c) creative, of adequate scope and length to be considered worthy of a "final."

COLLEGE ENGLISH I

Course Number: 0145
Course Length: 1 Semester
Grade: 12
College Credit: ACT English score of 20+ or the equivalent to being college ready in standardized tests.

This course is strongly recommended for 4-year college-bound students. It surveys the literary genres of poetry, narrative fiction and selected non-fiction, and drama from British literature and the study of the history of the English language. College English I is primarily a college-level writing course that focuses on the organization and writing of grammatically correct, effectively expressed English communication. Students in this class write at least five formal essays, and will culminate with a comprehensive portfolio of their assignments, which include all drafts as well as the final and rewritten essays and a personal reflection. This final project is designed to illustrate each student's growth to the analysis and synthesis of ideas.

Students in this class are undertaking both the high school English 12 curriculum and Metro College's Composition 1010

BEGINNING JOURNALISM

Course Number: 0150
Course Length: 1 Semester
Grades: 10-11-12

This course is designed for all students interested in working on school publications. Students will study the fundamental principles of journalistic writing, layout, and design. Students will develop their skills in gathering, editing, and reporting news. Emphasis will be placed on accuracy, clarity, and reportorial responsibility. Students will consider issues such as the responsibilities of the press, libel, and slander. Basic layout and design elements will be introduced and demonstrated with Adobe InDesign.

* This course may not meet an English requirement for most colleges or Universities but may be included as an Electives requirement for graduation.

BEGINNING SPEECH

Course Number: 0160
Course Length: 1 Semester
Grades: 10-11-12

This required course is designed to help students become aware of themselves as verbal and nonverbal communicators. In a workshop setting, students will study the principles of communication and persuasive techniques but most of the focus will be on developing and delivering informative, persuasive, and other kinds of speeches. Students will complete self-reflections and peer evaluations, which will focus on verbal and nonverbal skills.

COMPETITIVE SPEECH

Course Number: 0161
Course Length: 1 Semester
Grades: 9-10-11-12

This course allows students to take their public speaking and interpretation skills to a competitive level. This class will improve speech writing and delivery techniques for all levels of speech. Students will be exposed to artistic interpretation of prose, both dramatic and humorous, as well as poetry. Group events, duet acting and oral interpretation of drama, allow students to combine team skills for competition. Students who enroll in this course do not have to compete on the speech team. Speech team members are encouraged to take this course.

*This class will not fill the speech requirement for graduation.

WORLD LANGUAGE

SPANISH I

Course Number: 0195
Course Length: 2 Semesters
Grades: 9-10-11-12

This course studies beginning grammar and vocabulary; cultural knowledge and experiences; development of reading, writing, listening, and speaking skills. The goal of this course is to achieve a novice mid or higher level of proficiency in Spanish.

SPANISH II

Course Number: 0196
Course Length: 2 Semesters
Grades: 10-11-12
Recommendation: Completion Spanish I with a "C" average

This course is a continuation of Spanish I and studies beginning grammar and vocabulary; cultural knowledge and experiences; development of reading, writing, listening, and speaking skills. The goal of this course is to achieve a novice high proficiency level in Spanish.

SPANISH III

Course Number: 0197
Course Length: 2 Semesters
Grades: 11-12
Prerequisites: Completion of Spanish II with a "C" average

This course reviews beginning and intermediate grammar and vocabulary at the college level and focuses on the development of extended speaking ability through participation in conversation as well as the demonstration of reading knowledge through the retelling of stories. The goal of this course is to achieve an intermediate level of proficiency in Spanish.

Students in this class are undertaking both the high school curriculum and Metro College's Elementary Spanish 1110 and Elementary Spanish 1120.

SPANISH IV

Course Number: 0198
Course Length: 2 Semesters
Grade: 12
Prerequisites: Completion of Spanish III with a "B" average

This course studies intermediate and advanced grammar and vocabulary at the college level and focuses on the continued development of extended speaking ability through participation in conversations and oral presentations as well as the demonstration of writing knowledge through short essays. The goal of this course is to achieve an intermediate high level of proficiency in Spanish.

Students in this class are undertaking both the high school curriculum and Metro College's Intermediate Spanish 2110 and Intermediate Spanish 2120.

SOCIAL STUDIES

WORLD HISTORY 7

Course Number: 1715
Course Length: 2 Semesters
Grade: 7

Students become more proficient with the core concepts in social studies. This grade level focuses on a regional examination of geography, civics, economics, and history of post-classical societies. The purpose of studying these different regions and eras is to develop an understanding of major factors influencing our world today. The course guides students in exploring the connection between historical developments and contemporary global issues. Students will have multiple opportunities to use geographic concepts and processes, develop economic reasoning, examine specific historical ideas, beliefs, and themes, and analyze how individuals and societies have changed over time. Students will further develop fundamental concepts and processes of authority, power, and influence with particular emphasis on the democratic skills and attitudes necessary to become responsible citizens

AMERICAN HISTORY

Course Number: 1815
Course Length: 2 Semesters
Grade: 8

Students develop a new, more abstract level of understanding of social studies concepts. The context for developing this understanding is U.S. history and government. After reviewing the Colonial foundations of what became the United States, students explore the ideas, issues, and events from the adoption of the United States Constitution through the Gilded Age. Study of the founding of the United States allows students to explore the development of the United States' unique institutions of government, civic ideals, geography and economy.

WORLD GEOGRAPHY

Course Number: 0200
Course Length: 2 Semesters
Grade: 9

Geography allows people to find answers to questions about the world. Through the study of geography, students will explore and discover the processes that shape the earth, the relationships between people and environments, and the links between people and places. Geography will help students build a global perspective and to understand the connections between global and local events. Students will analyze physical and human landscapes of the world, analyze how selected physical and ecological processes shaped the surface, analyze how certain cultural characteristics link and divide regions, compare and contrast human populations, identify by name major geographical features, and analyze economic factors in relation to geography.

WORLD HISTORY

Course Number: 0215
Course Length: 2 Semesters
Grade: 10

Students will examine major world cultures from 1000 A.D. to the Modern Era. History is more than a chronology of facts. It is an explanation of big ideas across time and place. Using the concepts of empires cooperation/conflict, revolution, nationalism, genocide, cultural diffusion, belief systems, science/technology, political systems, economic systems, migration, and people/environment, you will understand and enjoy the study of history by connecting the drama and meaning of the human experience.

AMERICAN HISTORY: 20th CENTURY

Course Number: 0220
Course Length: 2 Semesters
Grade: 11

This course consists of an overview of the social, economic, and political conditions and institutions of the United States of America in the 20th century.

CURRENT ISSUES AND EVENTS

Course Number: 0235
Course Length: 1 Semester
Grades: 11-12

This class examines timely issues and events in American society as well as the world. The main focus of the course is to increase students' exposure to societal problems as well as news items through the examination of a variety of mediums. Students will be required to develop and express their opinions on a wide array of topics, and deliver those opinions through written assignments, debates, and class presentations.

AMERICAN GOVERNMENT

Course Number: 0260
Course Length: 1 Semester
Grade: 12

This course includes a study of the institutions that make up the American governmental and political science, i.e., political parties, the presidency, elections, etc.

US MILITARY HISTORY I/II

Course Number: 0240 & 0241
Course Length: 1 Semester each
Grade: 11-12
Prerequisite: Approval from Social Studies Department

Students develop an in depth understanding of social studies concepts. This course provided students with an overview of American military history relative to causes, nature, outcomes, and significance of major wars and related issues; essentially is a study of the concepts, events, leaders, and outcomes of American military history from the American Revolution to recent times. With the subject of diplomacy and defense so much in the news today (e.g., alliances, the budget, nuclear debate, terrorism, the all-volunteer Army, and women in combat roles). Students need to understand America's unique military past so they can understand the present issues and make informed decisions in the future.

NATURAL SCIENCES

INTEGRATED SCIENCE 7

Course Number: 1745
Course Length: 2 Semesters
Grade: 7

Seventh grade science students will gather, analyze, and communicate evidence as they formulate answers to questions. Related topics of study include thermal energy, physical and chemical properties of matter, movement of energy through an ecosystem, interaction of organisms within an ecosystem, changes to our Earth and life on Earth over time, and impact of human activities on Earth's system.

INTEGRATED SCIENCE 8

Course Number: 1845
Course Length: 2 Semesters
Grade: 8

Eighth grade science students will gather, analyze, and communicate evidence as they formulate answers to questions. Related topics of study include how the energy of an object changes related to mass, speed, and position within a system, characteristic properties of waves, factors that cause genes to change and how genetic variation affects survival and reproduction of organisms, and how Earth's motion causes seasons and eclipses.

ACCELERATED LEARNING PROGRAM

Course Number: 1610
Course Length: 1 Semester
Grade: 7-8 Identified Students

This course is designed for identified High Ability Learners. The purpose of this class is to give opportunities to experience learning that may be different from the norm, yet challenging for the unique needs and talents of gifted students. Activities are STEM-based, and centered around Science, Technology, Engineering and Math-related exploratory units. Students will have opportunities to work both individually and collaboratively to enhance their creativity, brainstorming, researching, and communication skills.

PHYSICAL SCIENCE

Course Number: 0300
Course Length: 2 Semesters
Grades: 9
Text:

The study of major science topics, concepts, processes, and interrelationships of basic Chemistry and Physics. Students should develop the ability to think and act in ways associated with scientific inquiry.

BIOLOGY

Course Number: 0310
Course Length: 2 Semesters
Grades: 10

This course is a study of scientific investigation into life and its beginning. The major topics that will be covered are 1) genetics, a study of replication and reproduction, 2) ecology, a study of an organism, in relation to its environment, 3) evolution, a study of man's hereditary changes, and 4) microbiology, and a study of living cells. Part of the course will also be devoted to a study of the structure and function of plants, animals, and humans. Individual projects will be completed. All aspects of this course utilize the development of good laboratory habits.

PHYSIOLOGY & ANATOMY

Course Number: 0320
Course Length: 2 Semesters
Grades: 11-12
Prerequisite: Biology

In this course, each system of the body will be studied in detail. The course work is primarily laboratory oriented, with activities including the dissection of a cat. Individual research projects will be completed during the course.

APPLIED SCIENCE

Course Number: 0350
Course Length: 2 Semesters
Grades: 11-12
Prerequisites: Physical Science, Biology

This course is a study in the application of scientific principles, equations, laws, and formulas as it pertains to the physical sciences of chemistry and physics. Using hands on experiences students will study and learn about these concepts to better explore and understand how these things affect our world and us.

CHEMISTRY I

Course Number: 0330
Course Length: 2 Semesters
Grades: 11-12
Prerequisite: Biology

This course is a practical approach to the aspects of chemistry involved in daily living, industry, and medicine. The nature, behavior and characteristics of elements and compounds are studied. Laboratory techniques are taught and stressed in all laboratory investigations and experiments.

CHEMISTRY II

Course Number: 0335
Course Length: 1 Semester
Grades: 12
Prerequisites: Geometry, Algebra 11, Biology, and Chemistry

Chemistry II is a semester-long lab based course that continues the study of topics covered in Chemistry I. Specific topics include Chemical Equilibrium, Fractional distillation, Oxidation-Reduction, Organic chemistry, Biochemistry, and Analytical Chemistry. We highly suggest having completed or being enrolled in Physics and Pre-calculus or higher.

PHYSICS

Course Number: 0340
Course Length: 2 Semesters
Grades: 11-12
Prerequisites: Geometry, Algebra II & Biology

Physics, the most fundamental of the natural sciences, is quantitative in nature and uses the language of mathematics to describe natural phenomena. Inquiry is applied to the study of matter and energy and their interaction. Topics that will be covered in this class include but are not limited to conservation of mass and energy, conservation of momentum, waves, mechanics, motion and others. Coursework involves laboratory activities, in-class assignments and formal assessments that require students to demonstrate problem-solving skills, develop laboratory skills and using scientific method to investigate, applying the ideas of physics to technology and developing an awareness of the impact of physics on society.

BIOLOGY II

Course Number: 0355
Course Length: 1 Semester
Grade: 12
Prerequisites: Prerequisites are Biology, Chemistry or concurrent enrollment.

Biology II is a semester-long lab based course that continues the study of topics covered in Biology. Topics include: Molecules and Cells, Heredity and Evolution, and Organisms and Populations.

MATHEMATICS

We are dedicated to providing a quality mathematics program. Toward this end, we realize that students need to learn more and different mathematics skills and that mathematics instruction will also be different. It is our intent that our students learn to value mathematics, become confident in their ability to do mathematics, become mathematical problem solvers and learn to communicate and reason mathematically.

MATH 7

Course Number: 1755
Course Length: 2 Semesters
Grade: 7

This course is taught with a text developed specifically for middle school students. The lessons cover content in greater depth and include an in-depth integrated preparation for algebra. Skills and concepts are tied to applications in the real world or to connections with other mathematical topics and technology. Each chapter places a strong emphasis on problem solving skills. The content of this course includes the study of integers, rational numbers, percentages, proportions, geometry, and probability.

PRE-ALGEBRA

Course Number: 1405
Course Length: 2 Semesters
Grades: 8
Prerequisite: Math 7

This course has been designed to follow Math 7 for most 8th grade students. The lessons provide the fundamentals of a standard algebra course in a format that is easier to read with an abundance of carefully chosen exercises. The content of this course includes the study of solving equations, graphing equations, solving systems of equations, functions, exponents, rational and irrational numbers, and geometry.

ALGEBRA I

Course Number: 0410
Course Length: 2 Semesters
Grades: 9

This is a free-sequenced algebra course intended for those students who have average and above average math backgrounds and interest. Some of the assessments require the students to be able to explain procedures and give supporting reasons for actions taken. This course and Algebra II are recommended for all college-bound students.

ALGEBRA I - 8TH GRADE

Course Number: 1412
Course Length: 2 Semesters
Grades: 8
Prerequisite: Math 7, Iowa Aptitude Test, and Math Department Approval

An above average understanding and comprehension of all fundamental skills in 7th grade math is required to take this course. Some of the assessments require the students to be able to explain procedures and give supporting reasons for actions taken.

MATH TOPICS

Course Number: 0415
Course Length: 2 Semesters
Grades: 11-12
Prerequisite: Algebra I, Geometry

This course is designed for further development of Algebra I, Geometry, and an introduction to several discrete topics.

ALGEBRA II

Course Number: 0420
Course Length: 2 Semesters
Grades: 10-11-12
Prerequisite: Algebra I

This course is a continuation of Algebra I with in depth study into various properties of numbers and additional methods of equation solving and graphing. Students will also be introduced to irrational and complex numbers as well as trigonometry functions.

HONORS ALGEBRA II

Course Number: 0425
Course Length: 2 Semesters
Grades: 10-11
Prerequisites: Instructor Approval with an 'A' in Algebra 1

This course is an accelerated continuation of Algebra I with in depth study into various properties of numbers and additional methods of equation solving and graphing. Students will also be introduced to irrational and complex numbers, logarithms, conic sections, and advanced trigonometry functions.

GEOMETRY

Course Number: 0430
Course Length: 2 Semesters
Grades: 9-11
Prerequisite: Algebra I

This course is a study on the design and construction of various geometric figures. Topics covered are angles, planes, lines, circles, triangles, polygons, areas, volumes, and a study of proofs.

HONORS GEOMETRY

Course Number: 0432
Course Length: 2 Semesters
Grades: 9-11
Prerequisite: Instructor Approval with an 'A' in Algebra 1

This course is an advanced study on the design and construction of various geometric figures. Topics covered are angles, planes, lines, circles, triangles, polygons, areas, volumes and a detailed study of proofs.

NEBRASKA MATH READINESS

Course Number:
Course Length: 1 Semester
Grades: 11-12

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.

ALGEBRA III/TRIGONOMETRY

Course Number: 0440
Course Length: 2 Semesters
Grade: 10-11-12
Prerequisites: Geometry, Honors Geometry, Algebra II or Honors Algebra II

This course is a continuation of Algebra II with an introduction to higher mathematical skills as an extension of familiar ideas. This course includes a review of linear and quadratic equations, integrating geometric with algebraic concepts, circle and triangle trigonometry, functions and their graphs, complex numbers, and polynomial equations. This course will also emphasize statistics and financial applications.

COLLEGE TRIGONOMETRY

Course Number: 0455
Course Length: 1 Semester
Grade: 11-12
Prerequisites: Successful completion of Honors Algebra 2 or Algebra 2 along with teacher recommendation
College Credit: Dual enrollment offered with teacher recommendation

This course covers trigonometric ratios, triangles, vectors, circular functions, trigonometric identities, trigonometric equations, and complex numbers.

Students who elect to take this course may earn college credit through dual enrollment with Metropolitan Community College course # MATH 1430.

PRE-CALC ALGEBRA

Course Number: 0456
Course Length: 1 Semester
Grade: 11-12
Prerequisites: Algebra II or Honors Algebra II
College Credit: Dual enrollment offered with 24 on ACT or Teacher Recommendation

This course covers advanced Algebra topics that include rational expressions, radical equations, circles, relations and functions, systems of equations and inequalities, polynomial and rational equations, exponential and logarithmic functions, sequences and series, probability and counting theory.

Students who elect to take this course may earn college credit through dual enrollment with Metropolitan Community College course # MATH 1425.

CALCULUS

Course Number: 0460
Course Length: 2 Semesters
Grade: 12
Prerequisites: Pre-Calculus
College Credit: Dual enrollment offered and successful completion of Pre-Calculus

This course includes the study of limits and continuity, differentiation of algebraic and trigonometric functions, applications of derivatives, extrema of a function, increasing and decreasing functions, concavity, curve sketching, optimization problems, indefinite and definite integration of algebraic and trigonometric functions, area between two curves, and volume.

Students who elect to take this course may earn college credit through dual enrollment with Metropolitan Community College course # MATH 2410.

PHYSICAL EDUCATION

MIDDLE SCHOOL PHYSICAL EDUCATION/HEALTH

Course Number: 1735
Course Length: 2 Semesters
Grades: 7-8

The physical education program in the junior high is designed to improve a student's personal physical fitness as monitored by their performance on the President's Council Physical Fitness Test and Physical Best program. Activities are chosen to improve strength, speed, flexibility, cardiovascular endurance, coordination, power, quickness, balance, agility, motor skills, teamwork, sportsmanship and fair play. This course will also include a health component.

Benchmark assessment with SCANS competence will be conducted to provide the student the opportunity to: demonstrate basic offensive and defensive strategies; demonstrate movement skills necessary to master physical obstacles; indicate personal physical activity involvement outside the physical education class on a regular basis; demonstrate proper technique and assessment of pulse rate before and after a fitness activity; demonstrate ability to participate cooperatively and in a sportsmanlike manner; identify perceived exclusionary behaviors by students in activities; and identify differences of opportunities for social interaction in team and individual or dual activities.

PHYSICAL EDUCATION I

Course Number: 0500
Course Length: 1 Semester
Grade: 9

Physical Education I is designed to concentrate on individual skills, games, and activities, with some exposure to team concepts. The President's Council Physical Fitness program is used to monitor a student's personal fitness level.

Benchmark assessment with SCANS competence will be conducted to provide the student the opportunity to: demonstrate the ability to perform a 25 minute aerobic routine; demonstrate specific knowledge and higher skill performance in movement skills by improving their personal best performances; calculate personal "Target Zone" for fitness enhancement; self-assess ethical, fair play and supportive behavior exhibited during a self-officiated activity; demonstrate a willingness to participate with and against students with differences; assess student's success, challenges, and enjoyment in an activity experience.

STRENGTH TRAINING/1st

Course Number: 0510
Course Length: 1st Semester
Grades: 10-11-12
Prerequisite: Physical Education I

This course is designed primarily for the student-athlete with an intense three to four-day-a-week weight-training program (depending on strength cycle). Days not engaged in resistance training in the weight room will be reserved for cardiovascular and agility based recreational sports and activities outside the weight room.

STRENGTH TRAINING/2nd

Course Number: 0511
Course Length: 2nd Semester
Grades: 10-11-12
Prerequisite: Prior to signing up, interested students will need to meet with instructor for a more detailed course description and requirements. Physical Education I

This course is designed primarily for the student-athlete with an intense three to four-day-a-week weight-training program (depending on strength cycle). Days not engaged in resistance training in the weight room will be reserved for cardiovascular and agility based recreational sports and activities outside the weight room.

LIFETIME SPORTS/RESISTANCE TRAINING/1st

Course Number: 0531
Course Length: 1st Semester
Grades: 10-11-12
Prerequisite: Physical Education I

This semester class will introduce a student to leisure time recreational sports and resistance training as avenues to lifelong fitness. This activity course will include recreational sports that are available to students beyond the high school years as choices for their personal plan of life long fitness and health. Resistance training is included to provide students the foundation of weight lifting and associated activities as a tool to lifelong fitness.

LIFETIME SPORTS/RESISTANCE TRAINING/2nd

Course Number: 0532
Course Length: 2nd Semester
Grades: 10-11-12
Prerequisite: Physical Education I

This semester class will introduce a student to leisure time recreational sports and resistance training as avenues to lifelong fitness. This activity course will include recreational sports that are available to students beyond the high school years as choices for their personal plan of life long fitness and health. Resistance training is included to provide students the foundation of weight lifting and associated activities as a tool to lifelong fitness.

LIFETIME ACTIVITIES E

Course Number: 0550
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Physical Education I

This semester class will introduce a student to leisure time recreational sports as an avenue to lifelong fitness. This activity course will include recreational sports that are available to students beyond high school years as choices for their personal plan of life long fitness and health as well as physical activities that will enhance their present time personal fitness and basic skills development.

LIFETIME ACTIVITIES S

Course Number: 0551
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Physical Education I

This semester class will introduce a student to leisure time recreational sports as an avenue to lifelong fitness. This activity course will include recreational sports that are available to students beyond high school years as choices for their personal plan of life long fitness and health as well as physical activities that will enhance their present time personal fitness and basic skills development.

VOCATIONAL

BUSINESS

KEYBOARDING APPLICATIONS

Course Number: 1825
Course Length: 1 Semester
Grade: 7

This course will provide a review of the alpha keys, numeric keys, and symbols used in keyboarding. The course will focus on improvement of the keyboarding skill set through timed writings. Students will explore career opportunities in the field of technology. Keyboarding Applications will also integrate document formatting using Microsoft Word. Students will also learn spreadsheet basics using Microsoft Excel.

EXPLORATION OF BUSINESS AND ENTREPRENEURSHIP

Course Number: 1605
Course Length: 1 Semester
Grade: 8

This course will introduce basic business concepts that influence personal, business, and government decisions. Students will demonstrate competency by practicing the role of a consumer, producer, saver and investor in the market system. Students will learn to manage checking accounts and other personal finance tools. Students will also learn the vocabulary and expectations of effective academic and career planning. Emphasis will be given to learn and opportunities to practice the Nebraska Readiness Standards of Practice, which are current expectations in today's workplace.

BEGINNING ACCOUNTING I

Course Number: 0650
Course Length: 1 Semester
Grades: 10-11-12

This course acquaints the students with basic bookkeeping fundamentals for an accounting cycle of a sole proprietorship for a service business. Areas of focus in this course includes the double entry system, the process of analyzing transaction, journalizing transactions, preparing cash control systems, preparing financial statements for a business.

BEGINNING ACCOUNTING II

Course Number: 0651
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Beginning Accounting I

This course acquaints the students with basic bookkeeping fundamentals for an accounting cycle of a sole merchandising business and partnerships. Areas of focus in this course includes the double entry system, single entry system, the process of analyzing transaction, journalizing transactions, use special journals, preparing cash control systems, preparing financial statements for a business. Students will also learn the payroll process for employees and employers

ADVANCED ACCOUNTING I

Course Number: 0660
Course Length: 2 Semesters
Grades: 11-12
Prerequisite: Beginning Accounting I and II

This course reviews the accounting cycle and acquaints the student with the various phases of accounting. Areas of focus include departmentalized accounting, inventory planning and valuation, uncollectible accounts, and corporation accounting.

ADVANCED ACCOUNTING II

Course Number: 0661
Course Length: 2 Semesters
Grades: 11-12
Prerequisite: Advanced Accounting I

This course reviews the accounting cycle and acquaints the student with the various phases of accounting. Areas of focus include departmentalized accounting, inventory planning and valuation, uncollectible accounts, and corporation accounting.

DIVERSIFIED OCCUPATIONS

Course Number: 0672
Course Length: 1 Semester
Grades: 12

This course is designed to give students knowledge of careers and specific occupations to prepare them for post-secondary education and the workforce. Students will develop resumes, cover letters, focus on work place safety, and learn job basic skills. This course is required for students planning to participate in On-the-Job Training (OJT). It may be taken in conjunction with OJT.

ON-THE-JOB TRAINING

Course Number: 0675
Course Length: 1 Semester
Grades: 12
Prerequisite: Must be enrolled in Diversified Occupations; must have approval from STW Coordinator

Students are given the opportunity to learn an occupation by being placed in the job setting. The job experience will be selected by matching future career plans with available jobs or experiences. Attendance, job evaluation, and a portfolio due will determine grades at the end of the semester. Students must be enrolled in Diversified Occupations in order to participate in the job experience. The job experience can range from one to four periods per school day, with a student taking a minimum of four courses, excluding study hall.

BUSINESS LAW

Course Number: 0680
Course Length: 1 Semester
Grades: 11-12
College Credit: Dual enrollment offered; Articulated with Metropolitan Community College Course # MAN111

This course offers and introduction to ordinary legal aspects of business transactions involving such topics as legal rights and duties, law of contracts, law of sales, and law of property. It gives a general understanding and development of basic legal logic in business situations using principles, cases, and information useful in determining the need for professional counsel

Students who elect to take this course may earn college credit through dual enrollment with Metropolitan Community College course # MAN111 or apply high school courses that are equivalent to college courses toward Metropolitan Community College's graduation requirements in a diploma and/or an Associate of Applied Science degree.

WEALTH BUILDING FUNDAMENTALS AND PERSONAL FINANCE

Course Number: 0685
Course Length: 1 Semester
Grades: 11-12
College Credit: Dual enrollment offered; Articulated with Metropolitan Community College

This course helps the student analyze and direct his/her family and/or self's financial affairs. Emphasis is placed on the basic information needed to choose between financial alternatives and on the comparison of consequences of decisions. Included are topics such as budgeting, consumer credit, insurance, taxes, record keeping, saving and investing.

Students who elect to take this course may earn college credit through dual enrollment with Metropolitan Community College course #FINA1200 or apply high school courses that are equivalent to college courses toward Metropolitan Community College's graduation requirements in a diploma and/or an Associate of Applied Science degree.

PERSONAL FINANCE AND BUSINESS ECONOMICS

Course Number: 0687
Course Length: 1 Semester
Grades: 11-12

This course is designed to help students make decisions and understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions, and incentives, markets and prices, market structures, productivity, role of government, global economics concepts, and economic indicators.

MACROECONOMICS

Course Number: 0690
Course Length: 1 Semester
Grades: 11-12
College Credit: Dual enrollment offered: Articulated with Metro Community College

Theories of employment, national income, inflation and economic growth are explored. Topics include income theories, savings and investment, business fluctuations, inflation, growth theories, and monetary and fiscal policies.

Students who elect to take this course may earn college credit through dual enrollment with Metropolitan Community College course # ECON1000 or apply high school courses that are equivalent to college courses toward Metropolitan Community College's graduation requirements in a diploma and/or an Associate of Applied Science degree.

COMPUTER SCIENCE

BEGINNING MULTIMEDIA

Course Number: 0884
Course Length: 1 Semester
Grades: 7-8

This course will focus on using multimedia to share information. Students will create projects that engage the senses using Microsoft PowerPoint, Publisher, Audacity, Garageband, iMovie, and Google Docs for their projects. The students record a news broadcast as a class.

INFORMATION TECHNOLOGY APPLICATIONS I

Course Number: 0695
Course Length: 1 Semester
Grades: 9-10-11-12

This course provides an overview of microcomputer applications including a brief introduction to computer concepts. The course will primarily focus on Microsoft Excel and Microsoft Word applications.

INTERACTIVE MEDIA AND WEB DESIGN

Course Number: 0700
Course Length: 1 Semester
Grades: 11-12
Prerequisites: Information Technology Applications I, Information Technology Applications II

Students will create, design, and produce digital media including sound, video, and graphics. Emphasis will be placed on effective use of tools for interactive media production including storyboarding, visual development, project management, and web processes.

INFORMATION TECHNOLOGY APPLICATIONS II

Course Number: 0701
Course Length: 1 Semester
Grades: 9-10-11-12
Prerequisite: Information Technology Applications I

This course provides an overview of microcomputer applications including a brief introduction to computer concepts. The course will primarily focus on Microsoft Access, Microsoft PowerPoint, and integration of the applications. This course will also include foundations of computer programming and serve as a starting point for other computer science/programming courses.

INTRO TO COMPUTER SCIENCE (Foundations of Computing)

Course Number: 0703
Course Length: 1 Semester
Grades: 10-12
Prerequisite: Information Technology Applications I & Information Technology Applications II

Foundations of computing is designed for students who have never programmed before and serves as a starting point for Computer Science. Students will explore the impact of computing on society. Beyond learning the fundamentals of programming, students build computational thinking skills by applying computer science to collaboration tools, modeling, and simulation, and data analysis.

APPLIED TECHNOLOGY

Course Number: 0704
Course Length: 1 Semester
Grades: 11-12
Prerequisite: Information Technology Applications I & Information Technology Applications II

Students will explore multiple forms of STEM applications. Methods used but are not limited to inquiry based learning and 3D design and printing. Problem solving techniques using science, technology, engineering, and mathematics will be applied through projects and testing hypotheses.

BROADCASTING I

Course Number: 0705
Course Length: 1 Semester
Grades: 10-12

Students will expand their media skills of interviewing, reporting, writing, editing, photography/videography, and design. Students will explore careers while working together to create projects in a variety of media, such as web, podcast, and/or broadcast. The emphasis of Video Production is on collaboration and career exploration.

DIGITAL DESIGN

Course Number: 0706
Course Length: 2 Semesters
Grades: 11-12
Prerequisite: Information Technology Applications I, Information Technology Applications II

Students will focus on developing advanced skills to plan, design, and create interactive projects using elements of texts, graphics, and digital imaging. These skills will prepare students for entry level positions in the digital design field. Students will demonstrate proper use of copyright and fair use throughout the course.

COMPUTER PROGRAMMING

Course Number: 0707
Course Length: 1 Semester
Grades: 11-12
Prerequisite: Intro to Computer Science

Computer Science Principles introduces students to the foundations of Computer Science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact. And gain a broader understanding of how computer science impacts people and society.

BROADCASTING II

Course Number: 0708
Course Length: 1 Semester
Grades: 10-12

Students will expand their skills in the creation of media productions such as a news broadcast, video story package, live streaming, radio show, podcast, SA, digital signage, short films, documentaries, and other media projects. These skills will prepare students for entry-level positions in the media production field.

CONSUMER/FAMILY SCIENCE

ECS AND CAREER ESSENTIALS

Course Number: 1881
Course Length: 1 Semester
Grade: 7-8

Eighth grade Consumer/Family Science gives the foundation for the scope and sequence of the total Family and Consumer Sciences program. This comprehensive study is intended to generate basic knowledge and skills in personal relationships, child development, clothing and textiles, consumer education, food and nutrition. Attention is also focused toward assisting students in decision-making in order to develop and maintain a healthy lifestyle.

FOOD NUTRITION AND WELLNESS

Course Number: 0715
Course Length: 1 Semester
Grades: 9-10-11-12

This course gives information and develops skills in the areas of basic nutrition, food group, time management, and food preparation. Students will learn to prepare a variety of foods centered on the food groups found in the food pyramid. A lab fee for this course must be paid by the end of the 3rd class meeting or students will not be allowed to take the class.

This course, in combination with Food and Fitness II, enables students to apply high school courses that are equivalent to college courses toward Metropolitan Community College's graduation requirements in a diploma and/or an Associate of Applied Science degree.

ADVANCED FOOD NUTRITION AND WELLNESS

Course Number: 0720
Course Length: 1 Semester
Grades: 9-10-11-12
Prerequisite: Food Nutrition and Wellness

This course deals with the importance of nutrition in meal planning and preparation. Various types of food service will be introduced. Students will also experience working with the cuisine of regional and foreign countries and microwave cooking. A lab fee for this course must be paid by the end of the 3rd class meeting or students will not be allowed to take the class.

This course, in combination with Food and Fitness I, enables students to apply high school courses that are equivalent to college courses toward Metropolitan Community College's graduation requirements in a diploma and/or an Associate of Applied Science degree.

LIFE AND CAREER READINESS

Course Number: 0741
Course Length: 1 Semester
Grade: 11-12

This course will focus on personal development and relationships and the impact of family on individuals and society. Communication skills, stress management, workplace relationships, and community resources will be examined as tools to promote adult roles and responsibilities.

HEALTH AND HUMAN SERVICES

HEALTH SCIENCES

HEALTH

Course Number: 0505
Course Length: 1 Semester
Grade: 9

This course is designed to show the importance of physical fitness and health in today's society. Health will include the study of personal health, mental wellness, eating disorders, healthy and unhealthy relationships, tobacco, alcohol, and drugs, diseases that affect different body systems and human reproduction.

INTRO TO SPORTS MEDICINE

Course Number: 0565
Course Length: 1 Semester
Grade: 10-12

This course is designed for students who may be interested in a career in Sports Medicine. This course should feature the prevention, recognition, treatment, and rehabilitation of activities caused by physical activity or athletes. Topics may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. Students may learn to measure cardio respiratory endurance, flexibility, body composition, and Blood pressure. CPR/AED certification is a prerequisite for this course or a required outcome of the course.

EDUCATION

INTRO TO EDUCATION

Course Number: 0570
Course Length: 1 Semester
Grade: 10-12

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, diversity of cultures and communities related to educational settings, and learner development.

Students in this class are undertaking both the high school Introduction to Education and Metro Intro to Education EDUC 1110

HUMAN GROWTH AND DEVELOPMENT

Course Number: 0736
Course Length: 1 Semester
Grade: 10-12

This semester course deals with human development (physical, mental, emotional, and social) from infancy through the duration of the entire lifespan. This course includes how to develop positive interactions with others and how development can be guided at each age.

Students in this class are undertaking both the high school Human Growth & Development and Metro Human Growth and Learning EDUC 2040

EDUCATION PRACTICES

Course Number: 0571
Course Length: 1 Semester
Grade: 10-12
Prerequisite: Intro to Education

This course is a continuation of the Introduction to Education and Training course. Students will further engage in topics related to instructional and assessment methods. Students will also gain skills related to planning for instruction, classroom management techniques, lesson plan writing, and working within a school system.

EXPERIENCING TEACHING

Course Number: 0575
Course Length: 1 Semester
Grade: 11-12
Prerequisites: Intro to Education and Education Practices

This course provides students with volunteer experience in the fields related to education. Student and supervising teacher cooperatively sets goals so that students increase their understanding about the roles and responsibilities of a teacher. Opportunities may include experiencing teaching in a controlled setting by designing learning experiences and giving presentations. Classroom instruction could include questioning, developing objectives and assessments, safety practices, IEP development and technology applications.

INDUSTRIAL TECHNOLOGY

EXPLORATION IN TECHNOLOGY

Course Number: 1880
Course Length: 1 Semester
Grade: 7-8
Fee: \$30

This course is designed to introduce the student to three areas of Industrial Technology through the following projects: Manufacturing – Clipboard and shelf project, Construction – Bridge Building, CO₂ cars, Communications – Screen Printing. Students will also understand the importance of reading a ruler and tape measure. A fee for materials used must be paid by the third class meeting or students will not be allowed to take this course.

BASIC TECHNOLOGY

Course Number: 0745
Course Length: 1 Semester
Grade: 9-10-11-12
Fee: \$30

This course is designed for students to explore the area of Industrial Technology. The student will participate in activities from the areas of transportation, construction, communications, and manufacturing. An emphasis will be placed on hand tool safety, power tool safety and measurement. Activities will include a small woods project. A lab fee is required for materials.

MECHANICAL DRAFTING

Course Number: 0765
Course Length: 1 Semester
Grades: 10-11-12
Prerequisites: Basic Technology

This course will introduce the student to drafting using board drafting as well as two and three-dimensional Computer Aided Drafting software. Basic commands and drawing techniques will be covered throughout the course. Student drawings will range from different types of homes to machined parts. Students interested in careers in Engineering, Architecture, Drafting, Construction, Interior Design, Real Estate, Manufacturing, or even those interested in home ownership will greatly benefit from this class.

SMALL ENGINES/POWER TECHNOLOGY

Course Number: 0790
Course Length: 1 Semester
Grades: 11-12
Prerequisite: Basic Technology

This course is designed to allow students to explore the area of Power Technology. Students will learn how a small engine works and the functions of the various components. Students will spend 75% in the lab working on small engine projects and 25% in the classroom learning theory. A lab fee is required for materials.

BEGINNING WOODWORKING

Course Number: 0775
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Basic Technology
Fee: \$80

Student can pay the full amount of \$80 or pay \$40 to start the project and once the project is completed and before the student can take the project home the remaining balance of \$40 must be paid.

This course will include safety of hand tools and machines, machine identification and use, sketching and planning, lumber technology, board feet and square feet calculation, and a project designed to have the student operate each machine.

ADVANCED WOODWORKING

Course Number: 0780
Course Length: 1 Semester
Grades: 10-12
Prerequisite: Basic Technology, Beginning Woodworking
Fee: \$30

Shop fee covers material used in making the student project such as glue, nails, screws, air nails, sandpaper, etc. Student is responsible for purchasing all wood material or materials not listed above.

Safety of hand tools and machines as well as identification and use of all power machines will be included in this course. Also included will be project planning, cabinet construction, and more advanced furniture construction.

CONSTRUCTION TRADES

Course Number: 0785
Course Length: 1 Semester
Grade: 11-12
Prerequisite: Basic Technology, Beginning Woodworking

The student will learn modern building procedures and methods. Emphasis will be placed on carpentry terms and basic floor, wall, and roof construction. Each student will build a scale model showing proper framework construction. A group project of a small building will be constructed when available.

HOME & AUTO MAINTENANCE

Course Number 0750
Course Length 1 Semester
Grade: 11-12
Prerequisite None

The purpose of this class is to provide students with all the basic information needed to understand and use hand tools, power tools, fasteners, and assorted building materials for basic repair and maintenance of a house. This course will increase the knowledge of structure and the various systems in the house that need to be repaired and/or maintained. Students will also become familiar with basic car care items such as changing a tire, adding oil, and many other maintenance issues dealing with an automobile.

AGRICULTURE

EXPLORING AGRICULTURE

Course Number: 1930
Course Length: 1 semester
Grade: 7-8

This course will focus on defining agriculture, identifying agricultural career opportunities, describing the role of agriculture in local and global entities, exploring advancements in agriculture, leadership development, and acquisition of basic agricultural skill sets. Classroom and laboratory activities are supplemented through supervised agricultural experiences, leadership programs, and FFA activities.

INTRO TO AG. FOOD. & NATURAL RESOURCES

Course Number: 0935
Course Length: 1 semester
Grade: 9-10-11-12

The introductory course for the Agriculture, Food and Natural Resources Career Cluster providing a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

ANIMAL SCIENCE

Course Number: 0940
Course Length: 1 semester
Grade: 10-12
Prerequisite: Intro to Ag, Food, & Natural Resources

A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

PLANT SCIENCE

Course Number: 0945
Class Length: 1 Semester
Grade: 10-12
Prerequisite: Intro to Ag, Food, and Natural Resources

This course focuses on knowledge, information, and skills related to the science of plant production and agronomy and provides the necessary skills for careers in horticulture, agricultural production, biotechnology and research. Topics covered include soil fertility and land evaluation, aeroponics (tower garden production), fertilizers, plant identification, controlling weeds and pests, and floral arranging principles. Classroom and laboratory activities are supplemented through supervised agriculture experiences and leadership programs and activities. This course is recommended for students with an interest in gardening, floral design, landscaping, greenhouse management, agronomy, crop production, and other plant production maintenance industries.

AGRIBUSINESS

Courses Number: 0950
Class Length: 1 Semester
Grade: 11-12
Prerequisite: Intro to Ag, Food, and Natural Resources

This course focuses on basic business principles as applied to agriculture, including food, fuel, and fiber production. Topics covered include types of business structures, job applications and interviewing, human relations, marketing, sales, advertising, and entrepreneurship. The class will work together to create a marketing plan for a local agricultural business client of their choice. Classroom and laboratory activities are supplemented through supervised agriculture experiences and leadership programs and activities. This class is recommended for students with an interest in marketing, graphic design, salesmanship, entrepreneurship, career readiness, and other Agribusiness related fields.

LARGE ANIMAL MANAGEMENT

Courses Number: 0955
Class Length: 1 Semester
Grade: 11-12
Prerequisite: Intro to Ag, Food, and Natural Resources and Animal Science

This course will focus on advanced scientific principles and communication skills that build on the knowledge and skills learned in animal science. Topics can include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding. Classroom and laboratory activities are supplements through supervised agricultural experiences and leadership programs and activities.

NURSERY AND LANDSCAPE

Course Number: 0960
Class Length: 1 Semester
Grade: 10-12
Prerequisite: Intro to Ag, Food, and Natural Resources and Plant Science

This course examines the knowledge and skills used to produce and use horticultural plants. Topics include plant identification, fertilization, pest management, soils, and design. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

CROP MANAGEMENT/AGRONOMY

Course Number: 0970
Class Length: 1 Semester
Grade: 10-12
Prerequisite: Intro to Ag, Food, and Natural Resources and Plant Science

This course investigates advanced crop production and management topics. Students develop an understanding of fertilization methods, resource management, pest management, technology use, marketing, and world hunger. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

BASIC WELDING

Course Number: 755
Course Length: 1 Semester
Grade: 10-12
Prerequisite: Basic Technology or Intro to Ag
Fee: \$30.00 plus project materials of Student choice

In this course, students will learn about the major welding and cutting processes including SMAW (arc) welding, GMAW (wire) welding, OA welding, Brazing, Oxy-Fuel cutting and plasma cutting. Students will complete a variety of welds in the flat position using the different welding processes. Students will also construct projects or repair projects during the semester. The lab fee covers the metal and welding consumables for a basic project such as a stool or decorative item

ADVANCED WELDING

Course Number: 760
Course Length: 1 Semester
Grade: 10-12
Prerequisite: Basic Welding and teacher approval

Fee: \$30.00 plus project materials of
Student choice

This course is designed to review principles learned from basic welding and apply them to an advanced project. Students will also expand their welding process knowledge by learning about GTAW (tig) welding and expand their welding abilities to the horizontal, vertical, and overhead positions. The students will walk through the design process as well as the fabrication of a chosen project. A lab fee is required for welding consumable and metal. The fee will vary based upon the student's individual project selection.

CASE NATURAL RESOURCES & ECOLOGY

Course Number: 0970
Class Length: 1 Semester
Grade: 10-12
Prerequisite: Intro to Ag, Food, and Natural Resources

Natural Resources and Ecology, a specialized course in the CASE Program of Study, provides students an opportunity to explore natural resources and ecology through hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man interaction with the Earth will be addressed in this course.

FINE ARTS

ART

ART

Course Number: 1882
Course Length: 1 Semester
Grade: 7-8

Students will explore art by focusing on the elements and principles of art and design. A lab fee for materials must be paid by the end of the third class meeting or students will not be allowed to take the class.

ART I

Course Number: 0800
Course Length: 1 Semester
Grades: 9-10-11-12

The course will focus on applying the elements and principles of art and design. The beginning techniques of drawing, painting, and sculpture will be explored. Students will also focus on important pieces of art history. A lab fee for materials must be paid by the end of the third class meeting or students will not be allowed to take this class.

ART II

Course Number: 0801
Course Length: 1 Semester
Grades: 9-10-11-12
Prerequisite: Art I

The course will focus on a variety of media using art elements, principles and knowledge presented in the Art I course to achieve artistic order in hands-on projects. Students will learn how to critique art in both written and oral format. A lab fee for materials must be paid by the end of the third class meeting or students will not be allowed to take this class.

POTTERY

Course Number: 0805
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Art I, Art II

This course will focus on teaching students the techniques to create both hand built and wheel thrown ceramics. Students will also examine the different techniques of the glazing process. A lab fee for materials used must be paid by the end of the third class meeting of students or you will not be allowed to take the class.

GRAPHIC ARTS

Course Number: 0810
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Art I, Art II

Graphic arts will focus on technology in the arts. Students will be introduced to Adobe Photoshop. The techniques and process of using a variety of media will be expanded on. Students will apply these techniques and processes to develop a portfolio. This class is an excellent choice for students entering the field of Graphic Design. A lab fee for materials used must be paid by the end of the third class meeting or students will not be allowed to take the class.

SCULPTURE

Course Number: 0820
Course Length: 1 Semester
Grades: 10-11-12
Prerequisite: Art I, Art II

Ceramics and sculpture will be the focus of this one semester class. A variety of materials and construction methods are used in a study of three-dimensional art and design. A lab fee for materials used must be paid by the end of the third class meeting or students will not be allowed to take the class.

ADVANCED ART

Course Number: 0830
Course Length: 1 Semester
Grades: 11-12
Prerequisites: Art I, Art II, 2 of 3 upper level art courses (Graphic Arts, 3-D Design, or Pottery), a G.P.A. of 3.00 Or above in all art classes, and instructor approval

This course is an in-depth studio experience for the students with the desire to pursue a career in the arts. An individual approach is stressed. Students set goals and will establish the objectives of this course. Students will develop a portfolio. (Portfolios are often a prerequisite for art related fields in the college level.) A lab fee will be charged for materials used in project work. Additional fees may be incurred for special supplies.

MUSIC

MIDDLE SCHOOL VOCAL MUSIC

Course Number: 1795
Course Length: 2 Semesters
Grades: 7-8

The course centers on the improvement of the individual voice and general music concepts. Course work includes the singing of two, three, and four-part compositions. The participants will present at least four performances each year; attendance is required for such performances. Grades are based on effort, conduct, and written work.

MIDDLE SCHOOL VOCAL/MIDDLE SCHOOL BAND

Course Number: 1796
Course Length: 2 Semesters
Grades: 7-8

This course uses an alternating day system that combines Middle School vocal music and Middle School band. The course descriptive is the same as for the individual course listings.

SENIOR HIGH BAND

Course Number: 0850
Course Length: 2 Semesters
Grades: 9-10-11-12
Prerequisite: Instructor approval required

Students enrolled in this course are required to participate in the Screamin' Eagle Marching Band, Concert Band, and Pep Band and may include performances for various civic events and community organizations. Optional performances are available in honor bands, small ensembles and solos at music contests and other venues. Members are required to attend rehearsals, scheduled morning, evening and/or weekend rehearsals and performances as scheduled. There are approximately seven marching, six concert, and ten pep band performances plus playing for volleyball and basketball districts. Grades are based on daily attendance, participation in class, participation in all scheduled events, written work, quizzes and tests.

MIDDLE SCHOOL BAND

Course Number: 1851
Course Length: 2 Semesters
Grades: 7-8
Prerequisite: Instructor approval required

This course focuses on expanding musical skills needed to play a band instrument. Students in this intermediate course are required to participate in the Screamin' Eagle Marching Band (parades only), Concert Band, and may occasionally be invited to perform at various civic events. Optional performances are available in honor bands, small ensembles and solos at music contests and other venues. Members are required to attend rehearsals and performances as scheduled. There are approximately three marching band and five concert performances each year. Grades are based on participation, written work, quizzes and tests.

SHOW CHOIR

Course Number: 0860
Course Length: 2 Semesters
Grades: 9-10-11-12
Prerequisite: Member of high school choir, Audition

This course includes participation in a select performing group. Members will be required to buy performance outfits. (Amounts given with audition permission slip in April. Class meets Monday and Thursday mornings promptly at 7:00 a.m. Members of Show Choir will be involved in the winter and spring concerts, district music contest, as well as other designated Show Choir festivals. Show Choir Festivals typically attended are during the school day. We usually attend Peru State College, NCDA Show Choir Festival in Central City, UNO Show Choir Festival, and Midland Festival of the Arts. Community performances will be part of this class. Grades will be based on participation, performance, and effort. Two credits are earned per semester.

VOCAL MUSIC

Course Number: 0870
Course Length: 2 Semesters
Grades: 9-10-11-12

This course includes participation in a performing choir and is a yearlong course. The members of the choir will be involved in the spring musical performance, winter concert, conference vocal clinic, spring concert and district music contest. Individual and small group performance opportunities will be offered through this class. Students are required to participate in all performances. Grades will be based on classroom performance, performance participation and effort. Some after school rehearsal will take place during the Spring Musical between January and March...

MUSIC APPRECIATION

Course Number: 0880
Course Length: 1 Semester
Grades: 9-10-11-12

This course focuses on learning how to listen to music in a deeper way to develop stronger listening comprehension so that enjoyment and understanding of all types of music is enhanced. Students will begin to familiarize themselves with Western Art Music, World Music and Popular music to gain an understanding of the various styles of this music through their historical context. Increasing their musical vocabulary, students will be able to speak knowledgeably and capably about music. Students will be involved in repeated listening and exposure to music via recordings, video presentations and live performances accomplished both in classes. Students will also use BandLab and various other music technology websites to allow individuals to explore music composition and show understanding of the topics covered through project based assessment.

MUSIC TECHNOLOGY I/II

Course Number: 0890 & 0891
Course Length: 1 Semester each
Grades: 9-10-11-12

Students will explore music through different technology platforms. Students would be introduced to live sound production, sound recording/editing, music composition, music production and how to use digital audio workstations (DAW). Each of these different topics would teach students basic skills that correlate to job options after graduation including sound technicians, composer, producer, sound engineer, audio engineers, and foley artists to name a few.

EXTRA-CURRICULAR ACTIVITIES

The following are offered as a part of the secondary educational activities program.

1. Football
2. Volleyball
3. Cross Country (Girls and Boys)
4. Basketball (Girls and Boys)
5. Wrestling (Girls and Boys)
6. Track (Girls and Boys)
7. Golf (Girls and Boys)
8. Softball
9. Baseball
10. Swimming (Co-op with Fremont High School)
11. Soccer (Co-op with Fremont High School)
12. Drama
13. Speech
14. Future Business Leaders of America
15. National FFA Organization
16. Student Council
17. Art Club
18. National Honor Society
19. Quiz Bowl
20. Spanish Club
21. Cheerleading
22. Dance Squad
23. Small Music Groups
24. Book Club
25. Skills USA
26. Arlo Striv Production Team
27. Social Media Team
28. Middle School Leader

