

MURRAY HIGH SCHOOL



COURSE CATALOG 2021-2022

Civil Rights Notification

No student shall be excluded from participation in or be denied the benefits of the services, programs or activities of the Murray School District, or be subjected to discrimination on the basis of race, color, national origin, gender or disability. (Title II, Section 504, and Title IX)

Civil rights complaints should be directed to the District Civil Rights Coordinator. The Civil Rights Coordinator for the Murray School District is the Personnel Director. The coordinator has responsibility for investigating and providing prompt and equitable resolution of complaints filed by persons alleging discrimination on the basis of race, color, national origin, gender or disability. (MSD Policy SP 911)

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Graduation Requirements

Students must meet the [academic](#) (PS 446) and [citizenship](#) (PS 446.2) requirements as outlined by the Murray Board of Education to earn a basic diploma from Murray High School.

Students have three diploma options: Basic, Regular, and Honors.

All diploma options require the following units of credit:

English Language Arts	4.0
English 9*	1.0
English 10*	1.0
English 11*	1.0
English 12*	1.0
<i>Applied Courses that can be taken for 12th grade ELA credit:</i> A.P. English, Business Communication, Creative Writing, Debate, Film as Literature, Grammar & Vocabulary, Intro to Journalism, Journalism, Multicultural Literature, SLCC: English 1010, Communication 1010 & 1020, World Languages Level 3-4	
Mathematics	3.0
Secondary Level 1*	1.0
Secondary Level 2*	1.0
Secondary Level 3*	1.0
<i>Courses that can be taken for 12th grade Mathematics credit:</i> Accounting 1, Mathematics Decision Making for Life	
Science	3.0
<i>Foundation areas:</i>	
Biology*, Chemistry*, Computer Science* Earth Systems*, and Physics*	
<i>Applied courses that can be taken for Science credit:</i>	
Environmental Science, Biotechnology, Medical Anatomy and Physiology, Zoology	
**One applied course credit can count towards the required three	
Social Studies.....	3.0
World Geography 9*	0.5
World Civilizations 10*	0.5
U.S. History 11*	1.0
U.S. Government & Citizenship 12*	0.5
Social Studies Elective Credit 9-12	0.5
Physical Education/e	2.0
Fitness for Life 10 th grade*	0.5
Health Education*	0.5
P.E. Elective Credit*	0.5
Art.....	1.5
Career & Technical Education	1.0
Digital Studies.....	0.5
Financial Literacy.....	0.5

All students must pass the civics test to graduate.

Additional requirements for three diploma options are below:

Basic Diploma:

Elective Credits 5.5

*Basic option not available for
early graduation or seniors on
track to graduate with
standard or honors diploma

Total credits: 24

Regular Diploma:

Elective Credits 8.5

Total credits: 27

Honors Diploma:

Mathematics: Minimum of
Secondary Math III or pass AP
Calculus

Science: At least two credits of
Biology, Chemistry, and/or
Physics

World Language 2.0
in grades 8-12

*Grades 9-12 for Regents' Scholarship

Must meet the following ACT
College Readiness

Benchmarks Scores:

English: 18

Reading: 22

Math: 22

Science: 23

Must earn at least 1.0 credit
in Advanced Placement (AP)
and/or Concurrent
Enrollment

Elective Credits 6.5

Total credits: 27

Honors Diploma recipients wear a special cord at graduation and have an honors seal placed on their diploma.

Career Pathways in Career and Technical Education

Concentrator and Completer: Recognition at Graduation

Career and Technical Education jump-starts students' careers by preparing them for postsecondary education and training for high-skill, high-wage, and high-demand occupations while they are still in high school. By following a CTE Pathway, students become college and career ready. Pathways give students many kinds of opportunities to acquire job skills and to get a head start in selected college programs. In Utah, all graduating students have taken a CTE course in high school, and approximately 30 percent of all high school career and technical graduates enter some form of postsecondary program.

Preparing students for meaningful work is an important goal of career and technical education because of the widening skills gap in the nation's workforce.

Connecting High School to College & Career through [Utah Career Pathways](#)

Career Pathways align with and are categorized by the national Career Clusters®. Each Career Pathway culminates in an industry recognized credential of value. Courses in the pathways give students an opportunity to gain skills that directly connect between doing well in high school and being able to transition smoothly to postsecondary educational opportunities or getting a good job when they graduate. Students who focus on a Career Pathway acquire the skills necessary to gain a well-paid career with high potential for rapid financial growth, increased levels of responsibility, and a high degree of personal satisfaction.

Students can either concentrate or complete a Career Pathway

Concentrator: Students must pass one concentrator course and one explorer course for 1.0 credit.

Completer: Student's must pass enough courses to earn 3.0 credits in a Pathway.

Career Clusters with pathway opportunities are linked below:

Architecture & Construction

⇒ Construction & Structural Systems

Arts, Audio/Visual Technology & Communications

⇒ Broadcasting & Digital Media

Business, Finance & Marketing

⇒ Accounting and Finance

⇒ Business Administration

⇒ Business Information Management

Computer Science & Information Technology

⇒ Programming & Software Development

⇒ Web Development

Education & Training

⇒ Pre-K: Early Childhood Education

⇒ K-12: Teaching as a Profession

Health Science

⇒ Health Science

Hospitality & Tourism

⇒ Culinary Arts

Human Services

⇒ Personal Care Services

Law, Public Safety, Corrections & Security

⇒ Protective Services

Manufacturing

⇒ Manufacturing & Production

Transportation, Distribution & Logistics

⇒ Auto Mechanics and Repairs

EARLY COLLEGE OPPORTUNITIES

Concurrent Enrollment and Advanced Placement

ADVANCED PLACEMENT

The Advanced Placement (AP) program offers high school students the opportunity to take college-level courses while attending Murray High School. AP courses are invariably more rigorous than other high school offerings.

AP classes provide students the opportunity to participate in intense discussion and thought. Students are given the intellectual responsibility to think critically, rationally and analytically to gain a more profound understanding of course content.

Such intellectual training inevitably helps students succeed in college where these skills are essential. Successful completion of AP classes in high school are an indicator of college success.

For additional information from the AP College board, please visit: <https://apcentral.collegeboard.org/>

There is a fee \$95.00 for each AP exam. Payable to MHS Finance office. Due November 1st.

CONCURRENT ENROLLMENT

Concurrent Enrollment (CE) provides a challenging college-level experience while attending Murray High School. Students have the opportunity to take courses in Mathematics, Science, Language Arts, Fine Arts, World Languages, and Career and Technical Education.

To register for concurrent enrollment courses, students must discuss course offerings with their high school counselor. Registration for concurrent enrollment is a two-part process. Students need parental permission to register for a CE course. That documentation must be provided to their teacher/CE Coordinator. Second, students will be required to [complete an application](#) for the institution of higher learning (SLCC, University of Utah, or UVU) that is offering the course. There may be a one-time application fee charged by the institution. This fee will not have to be paid a second time if a student takes more than one CE course at MHS or attends the institution after graduation.

Students who need additional assistance with the CE application process should speak to Ms. Olsen, the CE coordinator.

Having trouble deciding... AP or CE?

Please review the differences by visiting: <https://murrayhighinformation.webs.com/AP%20vs%20CE.pdf>

ENGLISH / LANGUAGE ARTS (ELA)

4.0 units of English credit are required for graduation

Grade 9: English 9 or Honors English 9*

Grade 10: English 10 or Honors English 10*

Grade 11: English 11 or Honors English 11*

Grade 12: English 12 or *Applied Courses that can be taken for 12th grade ELA credit*

*English 9, English 10, English 11 are required. No other class can be substituted.

ENGLISH 10

Grade: 10

Length: Full year

Credit: 1.0

A general literature and writing course for all sophomores. Includes studies in novels, plays, short stories, and poetry. Introduces forms of high school writing and reviews basic grammar skills.

HONORS ENGLISH 10

Grade: 10

Length: Full year

Credit: 1.0

Recommended prerequisite: Successful completion of an honors level English 9 is strongly recommended. A literature-based writing course for students with well-developed reading and writing skills. Students will read multiple novels and plays, write several analytical essays, and begin working on college-level research skills. The course is designed to prepare students for AP, concurrent enrollment, and other college classes. Students will be expected to read almost exclusively outside of class. This class counts as the required 10th grade English class.

ENGLISH 11

Grade: 11

Length: Full year

Credit: 1.0

This is a general literature and writing course for all juniors. The focus is on three primary forms of communication: reading, writing, and inquiry. The class will help you read and write well to prepare you for work or for college. You will be given help in preparing for the ACT test and will write a research paper.

HONORS ENGLISH 11

Grade: 11

Length: Full year

Credit: 1.0

Recommended prerequisite: Complete one year of Honors 10th grade English or have a teacher recommendation from 10th grade English teacher.

A rigorous class in American literature and writing for college-bound students.

ENGLISH 12

Grade: 12

Length: One semester

Credit: 0.5

A general literature and writing course for seniors. The class focuses on memoirs as well as modern works of literature with personal narrative writing drawn from class reading.

ADVANCED PLACEMENT ENGLISH 12

Grade: 12

Length: Full year

Credit: 1.0

Recommended Prerequisite: Successful completion of Honors English 10 & 11.

This course is aimed at preparing you to pass the AP Literature and Composition test. It is a strenuous course for serious students. Passing the AP English test with a score higher than 3 awards approximately 6 semester hours of college credit. The College Board for the AP exam sets the fee amount for the test and it is taken annually in May.

BUSINESS COMMUNICATION 1

Grade(s): 11 & 12

Length: One semester

Credit: 0.5 *ELA or CTE*

Applied course counting for 12th grade ELA

Business communication affects all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with a solid communication base, so they can communicate effectively.

CREATIVE WRITING

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

Applied course counting for 12th grade ELA

This is a course for students interested in writing more than essays and articles. You will practice several types of writing, including poetry, fiction and personal narratives. You will also read materials from the different genres studied.

FILM AS LITERATURE

Grade: 12

Length: One semester

Credit: 0.5

Applied course counting for 12th grade ELA

Film as Literature is a literature based English class where students view and study films as pieces of literature. The class follows the English 12 State Core, and reading, writing, listening, and presenting assignments relate to the films studied in class. Examples of proposed movies include: *The Help*, *Unbroken*, *The Fault in Our Stars*, *Matilda*, and *A River Runs Through It*.

GRAMMAR & VOCABULARY

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Successful completion of English 10

Applied course counting for 12th grade ELA

A rigorous review of formal English usage and editing techniques that will be helpful in preparing for the ACT test. There is no literature in this class except the kinds of passages found in the SAT and ACT tests.

JOURNALISM STAFF

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Applied course counting for 12th grade ELA

Recommended prerequisite: Introduction to Journalism and teacher approval.

Students in this class write and produce the school newspaper. Students also have opportunities to develop photography skills, learn newspaper design, and computer skills.

SPEECH AND DEBATE

Grade(s): 10, 11 & 12

Length of class: One semester

Credit: .50

Applied course counting for 12th grade ELA

This course covers debate and argumentation. You will learn about current issues and events and will learn the different formats for competitive debate. Both Lincoln-Douglas and Policy debate formats will be taught.

SLCC: COMMUNICATIONS 1010

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5 high school; 3 hours SLCC.

Recommended prerequisite: Must be admitted to SLCC.

Methods used in communication with emphasis on situations occurring in workplace and interpersonal environments. This course examines listening, verbal and nonverbal message, conflict management, negotiation and diversity in workplace and interpersonal settings. Communication theory and practice are applied in assignments that include small group problem-solving, interviewing, writing analysis, preparing resumes, letters and memos, and preparing and delivering presentations.

SLCC: COMMUNICATIONS 1020

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5 high school; 3 hours SLCC college

Recommended prerequisites: Admission to SLCC.

This course places emphasis on the dual role of speech as both a speaking and listening skill. Practice is provided through individual speeches with emphasis on organization and delivery. Examples of speeches would include informative, persuasive, extemporaneous, and impromptu.

SLCC: ENGLISH 1010

Grade(s): 12

Length: One semester

Credit: 0.5 high school, 3 hours college

Recommended prerequisite: CPT Reading 81 or ACT Reading 20 or SAT of 520

Students will develop critical literacy - reading, writing, and thinking - using a variety of settings, including personal response, collaborative response, and textual response. This course is designed to help students succeed as writers in a variety of school and professional contexts.

MATHEMATICS

In grades 9-12: 3 units of Mathematics credit from two of the following areas are required for graduation: Secondary I, Secondary II, and Secondary III.

ADVANCED PLACEMENT CALCULUS AB

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Successful completion of College Algebra 1050/Trig 1060, Pre-calculus or Honors Math 3.

This course is designed to teach the concepts necessary to pass the Advanced Placement (A-B) exam. Students taking this course are expected to take the exam, must be prepared to move quickly, and spend a significant amount of time outside of class in study and preparation. The content of the course is approximately the same as a one-semester university freshman calculus course. Passing the A-B exam generally allows students to skip the first level of calculus at the university level, depending on individual university policies. There will be an additional fee for the AP exam. A graphing calculator is required. Also, it is recommended that students have a B or better in the Recommended prerequisite: Honors Math 1, 2, and 3.

ADVANCED PLACEMENT CALCULUS BC

Grade(s): 11 & 12

Length: Full year, requires two periods

Credits: 2.0

Recommended prerequisite: Successful completion of College Algebra 1050/Trigonometry 1060, Pre-Calculus or Honors Math 3.

This course is designed for those desiring a more in-depth treatment of calculus and will cover the concepts necessary to pass the Advanced Placement (B-C) exam. Students taking this course are expected to take the exam, must be prepared to move quickly, and spend a significant amount of time outside of class in study and preparation. The content of the course is approximately the same as 2 semesters of university freshman calculus. Passing the B-C exam generally allows students to skip the first two levels of calculus at the university level, depending on individual university policies. There will be an additional fee for the AP exam. A graphing calculator is required. Also, it is recommended that students have a B or better in the Recommended prerequisite: Honors Math 1, 2, and 3.

COLLEGE PREP MATHEMATICS

Grade: 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Secondary III

College Prep Math formalizes and reinforces concepts from the Secondary Mathematics series to provide students with the foundational skills and understanding Recommended prerequisite: to College Algebra (1050). Students will reason abstractly and quantitatively while solving linear and quadratic equations and linear inequalities. They will efficiently use polynomial and rational expressions and functions, radicals and complex numbers, and exponential and logarithmic expressions and functions to model and solve mathematical problems. They will explore conic sections and represent parabolic data. Throughout this

course, students will make sense of problems and persevere in solving them, use tools strategically, and attend to precision.

MATHEMATICAL DECISION MAKING FOR LIFE

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisites: Successfully complete Secondary Math II.

Mathematical Decision Making is a full year course for juniors and seniors. The course includes mathematical decision making in finance, modeling, probability and statistics, and making choices. Students will make sense of authentic problems and persevere in solving them. They will reason abstractly and quantitatively while communicating mathematics to others. Students will use appropriate tools, including technology, to model mathematics. Students will use structure and regularity of reasoning to describe mathematical situations and solve problems.

SECONDARY LEVEL MATH II

Grade(s): 10, 11, 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Successful completion of Secondary Level Math I

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.

HONORS SECONDARY LEVEL Math II

Grade: 10

Length: Full year

Recommended prerequisite: Successfully complete Honors Secondary Math I

This course is intended for students who plan to take AP Calculus their senior year.

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and the right triangle trigonometry, and study circles with their quadratic algebraic representations.

Honors students will also represent complex numbers and their operations on the complex plane, solve systems of equations, prove and apply trigonometric identities, express conic sections algebraically, and solve problems using volume measurements.

The honors course is fast paced and rigorous. Students who take this course should plan to be challenged and spend significant time on assignments outside of class time.

SECONDARY LEVEL MATH III

Grade(s): 10, 11 & 12

Length: Full Year

Credit: 1.0

Recommended prerequisite: Successful completion of Secondary Level Math I & II

Students in Secondary Mathematics III will pull together and apply the accumulation of learning they have from previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data, expand their repertoire of functions to include polynomial, rational, and radical functions, expand their study of trigonometry to include general triangles, and use functions and geometry to create models and solve contextual problems.

HONORS SECONDARY LEVEL Math III

Grade: 11

Length: Full year

Credit: 1.0

Recommended prerequisites: Successfully complete Honors Secondary Math II.

Recommendation: B's or higher in Secondary Math II H

This course is intended for students who plan to take AP Calculus their senior year.

It is in Mathematics III that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Students will expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.

The honors course is fast paced and rigorous. Students who take this course should plan to be challenged and spend significant time on assignments outside of class time.

SLCC COLLEGE ALGEBRA 1030

Grade: 12

Length: One semester

Credit: 0.5 high school credit, 3 hours college credit.

Recommended prerequisite: Meet Concurrent Enrollment Course Recommended prerequisite: of:

CPT Reading 81 or ACT reading 20 or SAT of 520 and CPT Math 43 or ACT Math 23 or SAT of 540, or pass SLCC Math 1010 with a "C" or higher.

Math 1030 is a course that takes algebraic, statistical, and geometric concepts and applies them to real world situations. This course may be an appropriate culminating mathematics course for general studies or liberal arts students majoring in humanities or other non-science programs. The focus of the course is to familiarize students with the role logical and quantitative thinking play in our society and on the development of problem-solving skills and the application mathematical concepts to real life problems.

SLCC STATISTICS 1040

Grade: 12

Length: One semester

Credit: 0.5 credit, 3 hours college credit.

Recommended prerequisite: Meet Concurrent Enrollment Course prerequisites: CPT Reading 71 or ACT reading 20 or SAT of 520 and CPT Math 43 or ACT Math 23 or SAT of 540, or pass SLCC Math 1010 with a "C" or higher.

This course satisfies quantitative literacy requirements for students majoring in social and behavioral sciences, humanities and health sciences. Topics include descriptive statistics; regression and correlation; sampling design; probability; sampling distributions; inferential techniques, including confidence intervals and hypothesis testing. It is recommended that the student had a C or better in the high school Algebra 2 course. Additional fees may be required for this course. A graphing calculator is required. Graphing calculators programmed with CAS are NOT allowed. This means TI-89, TI-92, TI-Inspire, or like models are NOT allowed. Examples of approved graphing calculator models are TI-83, TI-84, TI-85, TI-86, or like models.

SLCC COLLEGE ALGEBRA 1050

Grade: 12

Length: One semester

Credit: 0.5 high school credit, 4 hours college credit.

Recommended prerequisite: Meet Concurrent Enrollment Course prerequisite: CPT Reading 81 or ACT reading 20 or SAT of 520 and CPT Math 43 or ACT Math 23 or SAT of 540, or pass SLCC Math 1010 with a "C" or better.

This college algebra course is an appropriate course to satisfy quantitative literacy requirements for students majoring in physical, computational, engineering, or biological sciences; or those students planning to include calculus in their studies. It is recommended that the student had a C or better in the high school Math 3 course. Additional fees may be required for this course. A graphing calculator is required. Graphing calculators programmed with CAS are NOT allowed. This means TI-89, TI-92, TI-Inspire, or like models are NOT allowed. Examples of approved graphing calculator models are TI-83, TI-84, TI-85, TI-86, or like models.

SLCC TRIGONOMETRY 1060

Grade: 12

Length: One semester

Credit: 0.5 high school credit; 3 hours college credit.

Recommended prerequisite: Meet Concurrent Enrollment Course Recommended prerequisite: of: CPT Reading 71 or ACT reading 20 or SAT of 520 and CPT Math 43 or ACT Math 23 or SAT of 540, or pass SLCC Math 1050 with a "C" or better.

Plane trigonometry topics include circular functions, graphs of trigonometric functions; identities and equations; solutions of right triangles and oblique triangles; polar coordinates complex numbers; vectors and parametric equations. Additional fees may be required for this course. A graphing calculator is required. Graphing calculators programmed with CAS are NOT allowed. This means TI-89, TI-92, TI-Inspire, or like models are NOT allowed. Examples of approved graphing calculator models are TI-83, TI-84, TI-85, TI-86, or like models.

SCIENCE

3.0 units of Science credit are required. Two of the credits must come from the following areas:
Earth Systems (9th Grade, not offered at MHS), Biology, Chemistry, or Physics

AP BIOLOGY

Grades(s): 10, 11 & 12 (*10th grade only with successful completion of Biology in 9th grade*)

Length: Full year

Credit: 1.0

Recommended prerequisites: Successful completion of Biology

This is a college-level biology course. All aspects of biology are examined with an emphasis on biochemistry, molecular genetics, evolution and anatomy/physiology. Interested students should have a strong interest in biology and an excellent work ethic. Students should be prepared to move quickly through topics and to spend a significant amount of time out of class studying. Most students will need to spend a minimum of one hour a day (approximately five hours a week) studying outside of class. In May, students will take the AP exam. A passing score of 3 or higher on this exam may give the student up to 8 semester hours of college credit and may allow them to begin advanced biology studies as a freshman in college. The AP exam costs about \$95. It is recommended that students have completed biology with an A and chemistry with a B (or higher) before taking AP biology. It is also highly recommended that you speak with the instructor before enrolling in this course.

AP CHEMISTRY

Grade(s): 11 & 12

Length: Full Year

Credit: 1.0 credit

Recommended Guidelines: Completion of Honors Chemistry (B⁺ or better) or Chemistry (grade A) and strong algebra skills.

AP Chemistry is a College class. Students taking this second-year chemistry course must be prepared to move quickly and spend a significant amount of time outside of the classroom in study. A pass score of 3 or higher from the AP Chemistry Exam in May, can give students up to 10 semester hours of College credit and may exempt them from a Full year of College Chemistry (General Chemistry 1 + lab and General Chemistry 2 + lab). Between 2011 and 2015, 81% of MHS students passed the AP Exam with at least a grade 3 compared to only 54% globally, with a high proportion achieving a grade 5. \$92.00 is charged for the AP Exam. Topics studied are mathematical and include: Atomic structure; bonding and shapes of molecules; mole calculations; thermodynamics; kinetics; equilibrium; redox and acid-base theory. It is recommended that before enrolling in this class students have successfully completed Honors Chemistry with a B⁺ or better or Chemistry with an A or better. Strong algebra skills are also recommended.

AP PHYSICS 1

Grade(s): 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Sec Math II

Description: AP Physics 1 is an algebra-based course in general physics. AP Physics 1 is organized around six big ideas that bring together the fundamental science principles and theories of general physics. These big ideas encourage students to think about physics concepts as separate parts that ultimately culminate in real-world application. Inquiry-based explorations of these topics allow students to gain conceptual understanding of concepts in physics.

BIOLOGY

Grade: 10

Length: Full year

Credit: 1.0

This course emphasizes the following topics: genetics, evolution, ecology, and scientific process. You will learn problem solving, and how to communicate and work in groups. This course meets state core requirements for science.

CHEMISTRY

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended Guidelines: This first-year chemistry course is recommended for students who plan to attend college, who are not strong in math and are very **unlikely** to major in a science, engineering, health or medical field (see Honors Chemistry). It is recommended that before taking this course, students successfully complete Secondary Math 1 with a grade C or better. No previous knowledge of chemistry is required.

"The greatest inventions are those inquiries which tend to increase the power of man over matter," Benjamin Franklin once wrote. Chemistry... is the study of matter. The course emphasis is on developing an understanding of atoms, which of course, we cannot even see! What are atoms made up of? How do they join together to make different structures? Can we understand the properties of materials from these structures?

HONORS CHEMISTRY

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Successful completion of Secondary Math I (B⁺ or better) No previous knowledge of chemistry is required.

This first-year chemistry course is challenging and is a fast moving and is an in-depth study of chemistry. It is **strongly recommended** for college bound students who have good math skills and/or an interest in science, engineering, health or medical fields. It also provides an excellent foundation towards AP Chemistry or General Chemistry 1 and 2 at college.

ENVIRONMENTAL SCIENCE

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

This course is designed to give students a foundation in environmental science. Various topics will be addressed including natural history, the interaction between biotic and abiotic factors in the environment, ecology, humans and resource consumption, sustainability, pollution, and global climate change (e.g. global warming and loss of biodiversity). Students will participate in laboratory activities and will be required to gather, analyze and graph data. It is recommended that students take biology before taking this course.

PHYSICS

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisites: Successful completion of Secondary Math Level II or equivalent.

This is a college preparatory, introductory algebra-based physics course. In this course, students will learn about and apply the laws governing motion, electricity and magnetism, atomic structure, and waves in addition to other topics as time allows. As this is an upper level course, students are expected to demonstrate college-level maturity, behavior, and work. The course is algebra based. Students must be proficient with basic algebra, trigonometry, and geometry in order to succeed in the course. Students will leave this class prepared to succeed in calculus-based physics at the university level.

SLCC 1010 INTRODUCTION TO BIOLOGY

Grade(s): 11 & 12

Length: Full year, 1 credit, 4 hours college credit

Recommended prerequisites: Meet Concurrent Enrollment prerequisites: Reading CPT of 58 or ACT of 16 or SAT 420

This course is an introduction to biology for non-science majors and fulfills general education requirements. The content consists of a survey of living diversity from bacteria to plants and animals. The course will introduce cell structure and physiology, inheritance, evolution and classification. Concurrent enrollment in the lab is required. Laboratory study will include experimentation and analysis illustrating important biological principles. Before taking this class, it is recommended that students successfully complete a sophomore level science class.

UVU BIOTECHNOLOGY 1010

Grade(s): 11 & 12

Length: Full year

Credit: 1.0, 3 hours college credit

Recommended prerequisite: Recommended prerequisites: Meet Concurrent Enrollment Course prerequisites: Teacher Approval and successful completion of Sec. Math Level 1, Biology or Chemistry. Student should have good Math & English Skills. It is recommended that students taking Biotechnology have previously earned a B in Math 1 and a B in English.

Students enrolled in this course will earn 1 year of Technology credit or 1 year of science elective credit. Students will perform many labs which include genetic engineering, analysis of bacterial and human DNA, human disease diagnostics, DNA sequencing, protein purification, antibiotic resistance and more. Scientific writing and mathematical analysis of lab results will be emphasized. Admission to UVU is \$35 and will be completed in class the first week of school. UVU Biotech fulfills the Life Science Gen Ed credit. This can transfer to all Utah schools for LS General Education.

SLCC INTRODUCTION TO HUMAN BIOLOGY 1090

Grade(s): 11 & 12

Length: Full year

Credit: 1.0, 3 hours college credit

Recommended prerequisites: Reading score on CPT of 58 or ACT 16 or SAT 420

This course is an introductory biology course for non-science majors and fulfills general education requirements. The course introduces the scientific process, the chemical and cellular basis of the human body, the role of DNA in the continuity of life, and the interrelationships of humans and other living organisms. This course will provide students with a basic understanding of the structure and function of the various systems of the human body.

This class does not meet the Recommended prerequisite: requirement for any biology class. Before taking this class, it is recommended that students successfully complete a sophomore level science class with a C or better.

ZOOLOGY

Grade(s): 11 & 12

Length: Full year, 1 credit

This is a year-long science elective class studying the various animal kingdoms. We will be learning the individual characteristics of each major animal group, including but not limited to: mammals, birds, amphibians, fish, reptiles, invertebrates, and insects. Students will use a variety of lab situations to learn about these animals. Dissection of animals will be done in class, and students are expected to participate in these dissections to pass the course. Successful completion of biology is recommended, but not required.

SOCIAL STUDIES

3.0 units of Social Studies credit are required for graduation.

Grade 9: Geography (not offered at MHS)

Grade 10: World Civilizations or AP World History

Grade 11: U. S. History or AP U. S. History

Grade 12: U.S. Government and Citizenship or AP U.S. Government and Politics

AP PSYCHOLOGY

Grades(s): 11 & 12

Length: Full year

Credit: 1.0, up to 6 college credits for passing the AP Exam

Recommended prerequisites: Successfully complete Psychology 1 with a grade of B or higher. Students who do not meet the criteria may take the course if they can show successful completion of a previous AP or honors class at Murray High School.

AP Psychology will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

The fields or subfields taught in the course include: History and early approaches to psychology, research methods, biological basis of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality development, testing and individual differences, abnormal behavior (psychological disorders), treatment of abnormal behavior (therapies) and social psychology.

A.P. U. S. GOVERNMENT & POLITICS

Grade(s): 11 & 12

Length: One semester

Credit: 0.5 Fulfills requirement for graduation

Recommended prerequisites: There are no prerequisite courses for A.P. U.S. Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

A.P. U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to understand the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project after the exam.

A.P. U.S. COMPARATIVE GOVERNMENT

Grade(s): 11 & 12

Length: One semester

Credit: 0.5 social studies elective credit

Recommended prerequisites: There are no prerequisite courses for A.P. U.S. Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

A.P. Comparative Government and Politics is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.

AP UNITED STATES HISTORY

Grade(s): 11

Length: Full year

Credit: 1.0

This is a college-level U. S. History survey course that covers US History from 1491-Present. In addition to the study of a college text, students will learn how to write analytical historical essays based on general knowledge and on historical documents. The class counts as the required junior-level U.S. History course. Students in this class will prepare to take the AP exam in May.

AP MODERN WORLD HISTORY

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisites: Successful completion of 9th grade Geography.

AP Modern World History is a college level course, which, upon passing the end-of-the-year AP exam, a student can accrue college credit. In AP Modern World History, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. So often, the long history of human effort, the sweat and tears poured out in hopes of a better life for the future, (our present) is under-appreciated as it is simply under-studied. This course attempts to create a viable framework for instilling in students a passion to look bigger, to gaze backward and learn a little about where our society has come from and how the trajectories of ancient and modern civilizations can give us bearings to live well both individually and as a people. This course is intended to give the student an overview/outline of history: it is a mile wide, but an inch deep. Studying history challenges our notions of what we think we know, what is unusual, what is typical and whether the present is as good or as bad as we think. By the end of the course, you can be confident you will have learned a great deal about the world you live in.

PSYCHOLOGY 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course will teach concepts to enable students to become more knowledgeable in basic psychology history, approaches, research methods, the biological bases of behavior (nervous system, brain, genetics), learning (conditioning), motivation, emotion, stress, sensation & perception. Students will gain a better understanding about perceivable behaviors and why we, as humans, behave and react the way we do.

PSYCHOLOGY 2

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Successful completion of Psychology 1

This course builds on concepts learned in Psychology 1 with an emphasis on personality, development (adolescent focus), memory, intelligence, psychological disorders and treatment, as well as social psychology. Students will use theories and concepts to better understand their own motives, understandings, and relationships with other people.

PSYCHOLOGY, SPORTS

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This class is designed to help students understand the dynamics of sports or just be able to compete better in athletic competitions. The class will cover two major aspects of sports or life skills, psychology and physiology. One term will be spent for each aspect. The class rotates at the term break. Psychology will include motivation, relaxation techniques, visualizations, trigger points, body memory, affirmation, understanding the responsibility of success, stress, and confidence. Physiology will include preparation for physical activities, cardiovascular fitness, aerobic, anaerobic, flexibility, endurance, body mechanics, and exercise cautions. There will be classroom time, experiments, guest speakers, and labs to assist the learning process.

LAW ENFORCEMENT

Grade(s): 12

Length: One Semester

Credit: 0.5

This course prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, evidence collection and management, court procedures and the law in general. Basic crime prevention methods, weapon and equipment operation, equipment maintenance, and other routine law enforcement responsibilities are also included.

SOCIOLOGY 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course is designed to help students gain a better knowledge of the scientific study of human societies and social behavior. Students will study society, one's role in it, issues and problems, social change, and social movements. It includes the study of sociological perspectives, culture, society, socialization, interaction, groups, deviance, family, education and social class.

SOCIOLOGY 2

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisites: Successful completion of Sociology 1.

This class is for those who would like to continue their study of sociology. The course is designed to further the students understanding of the scientific study of societies and one's role in society. It will include the study of gender, race, aging, the economy, politics and government. We will further study social and global stratification, religion, health and medicine, the environment, as well as social change.

UNITED STATES GOVERNMENT AND CITIZENSHIP

Grade(s): 12

Length: One semester

Credit: 0.5

This course introduces students to a study of ideas, philosophies, and background of American government and social issues; a study of the Constitution, an understanding of the American political and legal system, and the responsibilities of citizenship and character. The course will provide application of knowledge in the areas of responsibility, rights, governmental functions, civic participation, and current social concerns.

UNITED STATES HISTORY

Grade(s): 11

Length: Full year

Credit: 1.0

Addresses the making of modern America, highlighting the events and issues in United States history from the late Industrial Revolution to modern times. Topics include, but are not limited to: Westward expansion, the Populist and Progressive reform movements, immigration and its impact on burgeoning urban centers, imperialism and international relations, America's growing power, the World Wars and intervening Great Depression, post-war boom and expansion of the Cold War in the nuclear age, the civil rights movement, Korean conflict and Vietnam war, political and economic shifts of the 1980's, the rising specter of terrorism and the challenges of modern social and economic changes. A focus will be on helping students make connections between the events and ideas of the past and their lives today while providing opportunities for engagement in dialogue regarding American exceptionalism, in the sense of the special character of the United States as a uniquely free nation based on democratic ideals and personal liberty.

WORLD CIVILIZATIONS

Grade(s): 10

Length: One semester

Credit: 0.5

Students will learn about the contributions of major cultures and societies throughout the world. The course addresses ancient and modern civilizations, world religions, and a comparative unit on revolutions. The course stresses diverse economic, political, religious, and social systems. Historical perspective will be provided for major world events and movements. Understanding historical differences that lead to conflict and resolution will be emphasized. Students will develop a knowledge and an appreciation for the contributions of many diverse peoples to the collective achievements of the human race.

PHYSICAL EDUCATION/HEALTH

1.5 units of Physical Education are required for graduation.

Participation Skills, grade 9 (Not offered at MHS)

Fitness For Life, grade 10

PE elective, grades 9-12

0.50 units of Health Education are required for graduation

The successful completion of two seasons of varsity sports participation in grade 11 or 12 will waive the .5 elective PE credit.

BASKETBALL

Grade(s): 11, 12

Length: One semester

Credit: 0.5

This course is designed to introduce students to the basic skills, concepts, and strategies of basketball. Basketball is a sport that offers both aerobic and anaerobic fitness challenges. The aim of this course is for all students to learn the game, and apply their skills in a semi-competitive environment. By the end of high school, students will be college and career ready, as demonstrated by the ability to plan and implement different types of personal fitness programs and demonstrating competency in lifetime activities.

CHEERLEADING

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Contact Coach Smith for tryout dates and information.

Junior Varsity and Varsity cheerleaders, as well as the Spartan Man mascot are judged, evaluated by teachers, and elected by the student body. These try outs are held in the spring for the following year. Cheerleading requires huge commitment to the school sports and culture. The cheerleaders are required to attend all football and basketball games, wrestling meets, and other sports events as much as possible.

DANCE COMPANY

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class, you must have a successful audition.

The Murray Dance Company is a class for girls who have auditioned for and made the Dance Company. The company is made up of 16-20 girls. They must have and maintain a 2.5 GPA throughout the school year. They perform for the student body at assemblies as well as put on their own Christmas and Spring Concerts. The girls develop their dancing and performing skills as well as have the opportunity to choreograph their own dances. In addition, they will also take exams on dance terminology, muscles, and dance history. They must attend four dance concerts throughout the year.

DRILL TEAM

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Contact Coach Mundee for tryout dates and information. Try-outs are held in March for the following school year. Girls are judged on splits, toe touches, flexibility, dance technique, and showmanship. Throughout the school year members are required to perform at all football and basketball home games. They also compete in 4 competitions. Drill team provides an excellent opportunity for dedicated dancers to improve their skills and perform. It is also a great opportunity for those wishing to continue with dance in college.

FITNESS FOR LIFE

Grade(s): 10

Length: One semester

Credit: 0.5

This class is required for graduation at Murray High School. This class is intended to help each student understand each component of fitness and adopt a personal lifestyle that will help the student achieve fitness. Students will be involved in aerobic fitness, agility, and muscular flexibility developmental activities. Fitness for Life includes classroom instruction as well as active participation.

HEALTH

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Health Education is dedicated to teaching high school students the skills they need to establish a healthy and safe lifestyle and enhance behaviors to resist unhealthy choices throughout their lifespan. Health Education will focus on: Health Foundations and Protective Factors of Healthy Self, Mental and Emotional Health, Safety and Disease Prevention, Substance Abuse Prevention, Nutrition, and Human Development. *This class is required for graduation.*

MEN'S ATHLETICS

Grade(s): 10, 11 & 12

Length: One semester Credit: 0.5

Recommended prerequisite: Coaches approval

For athletes who intend to participate in MHS football and wrestling during the current school year, this course is designed to maximize athletic potential and build a strong work ethic. Students will be expected to participate in rigorous sprint, plyometric, and weight training with maximum effort. Those who do not intend to give 100% every day need not apply.

MODERN DANCE 1

Grade(s): 10, 11 & 12

Length: One semester Credit: 0.5

This class is for anyone interested in taking dance. You will learn dance technique and terminology as well as learning some of the large skeletal muscles. You will be taught how to increase flexibility, strength, and coordination. You will work in small and large groups on your own compositions. You will be required to attend one dance concert per term.

MODERN DANCE 2

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course provides experience in dance technique and the development of such things as strength, flexibility, and coordination. You will learn some of the large skeletal muscles. You will expand your dance vocabulary and develop your creative abilities through your own choreography. The dances you will learn will be more challenging than the dances taught in Modern Dance 1. You will be required to attend one dance concert per term.

RUNNING FOR LIFE

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course will offer students that chance to learn how to enjoy fitness through running.. It will allow students, no matter what level of ability, to feel better about themselves through the principles found in running, core, body weight exercises and low impact weights.

SOCIAL DANCE

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course will teach students the basics to a variety of social dance forms. Students will explore everything from ballroom waltz and swing to country line and folk dances. Learning basic steps, rhythms, and styles, students will be able to perform dance hall favorites.

SPORTS SKILLS & TECHNIQUES

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

This course is designed to develop participation skills in a variety of team and individual sports activities. Students will be expected to reach and maintain a minimum level of physical fitness through participation in the activities which are taught. You will be graded on participation, attendance, fitness, and skill acquired in individual lifetime sports.

SWIM TEAM

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Prior competitive swimming experience and the coach's approval.

This course is a very demanding class designed to enhance your swimming and water polo skills. Only students who have prior competitive swimming experience should enroll.

WEIGHTLIFTING

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

This course is designed to help students develop their strength, speed, and flexibility. Muscle size growth and weight control are also possible, in this class. The weights class is easily adapted to any student's needs. Various workouts will be incorporated into the class. Stretching and flexibility will be incorporated into daily warm-ups to ensure safety. This class counts as P. E. credit toward graduation requirements for juniors and seniors.

WEIGHTLIFTING, ADVANCED

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Successful completion of weightlifting.

This course is designed to introduce the student to advanced free weight and power lifting techniques. Students will participate in circuit training with an introduction to free weights. This class counts as P. E. credit toward graduation requirements for juniors and seniors.

WOMEN'S ATHLETICS

Grade(s): 10, 11,12

Length: One semester

Credit: 0.5

Recommended prerequisite: Coaches approval

The class is designed for **student-athletes** to implement advanced weight training, fitness training, and speed and agility techniques throughout the school year. This will be accomplished through the use of weights, cardio equipment, track, plyometrics, and other speed and agility methods.

YOGA

Grade(s): 11 & 12, Open to 10th graders that have completed Fitness for Life

Length: One semester

Credit: 0.5

This course is designed to introduce students to the basic postures, breathing techniques, and relaxation methods of yoga, in a safe and accessible environment. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day-to-day life. The aim of this course is to promote stress management and improve the overall health of the body.

YOGA, ADVANCED

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

Prerequisite: Successful Completion of Beginning Yoga

This course is designed to introduce students to the more advanced postures, breathing techniques, and cardiovascular fitness, in a safe and accessible environment. Students will continue to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, develop more powerful and advanced yoga flows, and ultimately get more out of day-to-day life. The aim of this course is to promote stress management and improve the overall health of the body. Beginning yoga focuses more on relaxation and basic poses. Advanced yoga will focus more on posture, more difficult poses, and more cardiovascular endurance. By the end of high school, students will be college and career ready, as demonstrated by the ability to plan and implement different types of personal fitness programs and demonstrating competency in lifetime activities.

ARTS: VISUAL & PERFORMING

1.5 units of Art credit are required for graduation

A CAPELLA CHOIR

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Audition with the instructor. One year of previous high school choir experience is preferred.

A Capella is a large mixed choir for advanced singers. This is the centerpiece of the vocal and choral department. The purpose of this course is to give you advanced training in singing technique and reading skills. You will perform at several concerts and festivals outside of school time during the year..

AP STUDIO ART: DRAWING/2D DESIGN

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Students taking this course must have a strong background in drawing, painting, photography, printmaking, digital manipulation, or other 2D medium. Advanced classes in these subjects are helpful, but not required. Students must have the AP studio art teachers' approval.

This class will prepare student to assemble/create 24 works of art to submit for the AP portfolio review. In studio art, students submit works of art instead of taking a written test. These works of art are divided into 2 categories: 12 that show the student has competence in making art with a variety of different media and subjects (Breadth) and 12 that show the student can create a series of works that focus on a single medium and direction (Concentration). In preparing the Breadth section, students will work in pencil, Prisma pencil, pastels, watercolor, charcoal, etc. Works will focus on specific elements and principles of art as creative tools. These may include: line, value, gradient, shape alternative surfaces, toned paper etc. Quality work from other classes may be used in this section. In the Concentration section, students will choose their strongest technique and focus on a single subject, idea or concept. These works will show the evolution of the significant parts of the art idea and technique. Examples: A student might use Prisma pencil on toned paper to show reflections on a various surfaces They might use acrylic paint to show balanced still life compositions using cords and cables found in electrical mechanisms. Each student will determine his/her own emphasis in this section.

AP STUDIO ART: 3D DESIGN

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Students taking this course must have a strong background in Ceramics, Sculpture, Cloth Construction, or another 3D medium. Advanced classes in these subjects are helpful, but not required. Students must have the AP studio art teachers' approval.

This class will prepare students to assemble/create 20 works of art to submit for the AP portfolio review. In studio art, students submit works of art instead of taking a written test. These works of art are divided into 2 categories: 8 that show the student has competence in making art with a variety of different media and subjects (Breadth) and 12 that show the student can create a series of works that focus on a single medium and direction (Concentration). In preparing the Breadth section, students will work in a large part with ceramic construction techniques, and use paper, wire, found objects and other materials. Works will focus on specific elements and principles of art as creative tools. These may include line, shape, form, alternative surfaces, texture, etc. Quality work from other classes may be used in this section. In the Concentration section, students will choose their strongest technique and focus on a single subject, idea or concept. These works will show the evolution of the significant parts of the art idea and technique. Examples: A student might use ceramics to create boxes that display movement, form and texture found on canyon land cliff faces. They might use a continuous piece of wire to show geometric forms elevated in space. Each student will determine his/her own emphasis in this section.

ADVANCED PLACEMENT MUSIC THEORY

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Two (2) years of music experience or a recommendation from Mr. Scott or Mr. Beckstrand.

AP music theory will prepare students to pass the AP Music Theory test. Successful completion of the AP test provides up to 8 college credit hours. The course focuses on aural and visual understanding of musical structure and compositional procedures. Students will develop fluency in reading notation, listening skills and the ability to integrate these skills into sight singing. Music structure, rhythmic structure, compositional technique, sight singing and ear training will also be covered.

ART FOUNDATIONS 2

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: None

This course is a study of principles and elements of design. You will demonstrate the uses of the principles of harmony and variety in design. Line, value, texture, color, shape, and space will be explored with various graphic exercises. This class gives you Art credit for graduation.

BEL CANTO CHOIR

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Women's Choir, and an audition.

This class is designed to provide advanced choral experience and performance opportunities throughout the valley. The students will study and perform classical music and vocal jazz. Participation fee is \$15. Uniform cost will not exceed \$95. Class is limited to 24 singers.

SLCC MUSIC 1010

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Be admitted to SLCC.

This course is an exploration of the fundamental elements of music. We explore the origins, history and styles of our music and the Middle Ages to the present day. Students will learn the fundamental elements and building blocks of music as it has been created over time. Taking the basic elements and vocabulary of music, the variety of musical styles – students may then begin to explore and enjoy a broader variety of music. *Recommended prerequisite for AP Music Theory.*

CERAMICS 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

In this class you will be taught basic procedures and processes unique to ceramics. You will develop skills in forming clay using both hand-building and wheel-throwing techniques. You will also be taught about the aesthetic quality of ceramic forms and will be required to demonstrate mastery of the core concepts. Students can only take this class once.

CERAMICS 2

Grade(s): 11 & 12

Length: One semester

Credit: 0.5

This class is a continuation of the skills already mastered in Ceramics 1. Students must be self-motivated. A higher level of skill, productivity, and aesthetic judgment will be required. Students may repeat this class for elective credit.

GRAPHIC DESIGN

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Art Foundations

This class explores traditional art concerns using the computer as the means of production. As a result, this class will develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics through electronic media. Computer programs such as Adobe Illustrator, PageMaker, and Photoshop will be taught. There is an emphasis toward art used to make commercial graphic images used in industry.

GRAPHIC ILLUSTRATION

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This class explores higher-level thinking, art-related technology skills, art production, art criticism, art history, and aesthetics. This class allows students a deeper exploration of the computer as an art medium. Assignments will develop a greater understanding of computer image programs (Illustrator, Photoshop, and PageMaker) and the ability to use the computer as a means of artistic expression.

CONCERT BAND

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Before enrolling in this course, students must have the recommendation from the teacher.

Concert Band members will concentrate on basics of performance, producing a quality tone, matching pitch, reading rhythmic notation, performing of major and minor scales. All 10th grade woodwind and brass students sign up for concert band, and every student will audition for the symphonic band at the end of the first Semester and again at the end of the school year. The band serves as Pep Band for football and basketball games and performs at two regional and two state festivals, various community concerts, and some members are invited to perform with the symphony orchestra. Weekly morning and after school sectionals and rehearsals are required to learn all the music students are expected to perform. Students will also perform in one ensemble each semester.

DRAWING 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Art Foundations.

This class focuses on the principles of correct line drawing. Modes of seeing that include blind contour, line direction, proportion, negative shapes will be explored. A variety of drawing techniques will be explored and developed to strengthen your drawing skills. Composition will be emphasized. There is a lab fee of \$20.

DRAWING 2

Grade(s): 10, 11, & 12

Length: One semester

Credit: 0.5

Drawing II takes the foundational techniques learned in Drawing I to the next level. Students will explore thematic, creative, and symbolic meanings in art. In Drawing II students will also start mixing drawings for observations with imaginations in order to create new and interesting artworks. This will provide a great stepping stone to AP Art Class.

JAZZ ENSEMBLE

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Before enrolling in this course, students must audition with the teacher.

Members of the Jazz Ensemble must participate in concert band and symphony orchestra rehearsals and performances. The subject matter will deal with classical band and orchestra styles as well as jazz styles and improvisation. Because the performance demands of the group extend the full year, no student may register for this band who cannot make a firm commitment to be a member both semesters. This course requires a large time commitment before and after school.

MADRIGALS

Grade(s): 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must audition with the instructor.

This is a small select group of advanced singers. Madrigals requires a lot of time outside of class. To be in this group, you must commit to come to every performance. If you are in Madrigals, you must also register for A Capella choir.

MARCHING BAND

Grade(s): 10, 11, & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: All members of the Marching Band must be concurrently enrolled in Concert Band, Symphonic Band, or Percussion Ensemble.

The Murray High Marching Band is an outdoor visual performance ensemble consisting of woodwind, brass, percussion, and dance students. All students will register at an information meeting prior to the end of the school year. Students in the Marching Band will perform with the Pep Band at all home football games and various regional and state competitions. Rehearsals will begin in June, including a band camp in August and after school rehearsals once school has started. Performance will focus on music fundamentals, including tone, rhythmic accuracy, articulation, and style; visual performance will include marching technique, guiding form, proper posture, and communicating with an audience from the football field. Students will also participate in parades throughout the summer.

TENOR/BASS CHOIR

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: None.

Tenor/Bass Choir is a training choir. The purpose of this course is to help you sing and perform well and to teach you to read and analyze music. You will learn basic singing techniques and musicianship skills such as sight reading. You will perform at a few concerts and festivals during the year. You must pay a \$15 participation fee to be in this choir.

STRING ORCHESTRA

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before enrolling in this course, an audition with the teacher or prior ensemble experience must take place.

Students will develop basic skills of reading rhythms, producing characteristic tone, performing scales as they prepare music of diverse eras and styles. All students will perform at least one solo and as a member of at least one ensemble in class or at the music department recital held prior to the region festival. Students will perform at various concerts, region, state, and invitational festivals.

PAINTING 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Drawing 1.

Painting 1's emphasis is on watercolor, starting with basic techniques, color theory, and applications. From this point the students would learn how to apply the techniques and how they relate to an actual painting. Projects would include a Still Life, Portraiture, and Landscapes. Painting 1 will teach color schemes and composition and how they would be included in the paintings. There is a lab fee of \$30.

PAINTING 2

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Painting 1

Painting 2 will emphasize Oil paints, the first thing taught will be techniques dealing with the oil medium. Such lessons include, color mixing, identification, and matching. Color theory lessons dealing with temperature, hue, tints & shades, and compliments. Once fundamental techniques are established, lessons will include traditional painting subjects such as Portraiture, Landscapes, and Still Life motifs. There is a lab fee of \$30.

PERCUSSION ENSEMBLE

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must have previous ensemble experience.

Students will deal with many percussion instruments: drums, keyboard, xylophone, marimba, vibraphone, etc. Students will develop abilities to read rhythmic and tonal notation. All percussion students sign up for percussion ensemble; the top percussion students will be invited to perform with the concert band, symphonic band, and orchestra. Students will perform at ALL home football and basketball games, concerts, region, state, and invitational festivals. Some extra rehearsal time is required before and after regular school hours. There is a \$15 fee.

PHOTO DIGITAL 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course is an introduction to the field of commercial photography. This course will cover a number of basic concepts, including but not limited to: purchasing a digital camera; image capture; image editing; and image output. This course will also feature Adobe Photoshop, its features and use. These concepts will enable the student to be more knowledgeable and prepared to enter the field of commercial photography. A digital camera may be rented for a fee. Students will be responsible for the cost of supplies needed, including paper and ink. There is a \$40 class fee.

PHOTO DIGITAL 2

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Successfully completed Photo Digital 1

This class is a continuation of Photo Digital 1. A higher level of skill and commitment is expected. DSLR cameras will be available with other removable lenses for greater control and creativity. Advance camera controls, composition and lighting and advanced Photoshop editing techniques will be taught and practiced. A greater emphasis will be placed on student driven projects in which they have a personal interest. There is a \$15 class fee.

PRINTMAKING

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Must have successfully completed Art Foundations.

This is an entry-level course for the High School Visual Arts Core Curriculum. Printmaking teaches how to make fine art prints using studio processes such as relief, etching, monotype, and silkscreen. With an emphasis on studio production, this course is designed to develop higher level thinking, art-related technology skill, art criticism, art history, and aesthetics. There is a class fee of \$30.

SLCC ART 1020

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5 high school credit; 3 hours college credit.

Recommended prerequisite: Art Foundations recommended.

This is an introductory drawing course. Students will develop and perfect drawing skills using lines, shapes, perspective, value, and color. Students will also explore several compositional techniques and apply them in their drawings. Various media will be used and students will *make* art, *perceive* meaning in art, *express* meaning in art, and see how art affects them (*contextualizing*). There is a reading and writing component to the class. **SLCC Tuition Fee of \$15.00.**

SCULPTURE

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This is a beginning course that introduces the basic procedures for making sculpture. Students will create sculptures using a variety of materials and methods such as clay, wire, plaster, stone, and casting jewelry with silver. Student competencies in designing and creating sculptural forms will be assessed. Higher level thinking skills, divergent production, and art criticism will be built into every lesson taught. There is a \$45 lab fee for this class.

SYMPHONIC ORCHESTRA

Grade(s): 11, & 12

Length: Full year

Credit: 1

Recommended prerequisite: Before taking this class you must successfully audition.

Symphonic Band is an auditioned concert band featuring the top woodwind and brass students. All junior and senior students should sign up for Symphonic Band, but are invited to sign up for concert band as well; sophomores may audition for Symphonic Band at the end of the first semester of studying in Concert Band. This ensemble expands upon the information taught in concert band, focusing on musicality, phrasing, advanced levels of ear training, and improving instrument technique. The band combined with the concert band and percussion ensemble serves as the Pep Band for football and basketball games and performs at two regional and two state festivals, various community concerts, and some members are invited to perform with the symphony orchestra. Weekly morning and after school sectionals and rehearsals are required to learn all the music students are expected to perform. There is a \$15 fee.

TELEVISION BROADCASTING 1

Grade(s): 10, 11, 12

Length: One semester

Credit: 0.5

Think: Saturday Night Live, Comedy Central, Jimmy Fallon, Doritos Commercials. This is a hands-on class where students learn by doing. Students learn basic television broadcasting skills for both in front of and behind camera jobs within the field. The process of shooting and editing video, writing scripts, producing comedy sketches, commercials, news stories and broadcasts will be covered. This is a great class to take in preparation for being on the school's broadcasting team, Spartan Vision, and videos made in this class may be aired on the show.

TELEVISION BROADCASTING 2

Grade(s): 10, 11, 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Television Broadcasting 1

This is a continuation of Television Broadcasting 1. It is a hands-on class where students learn by doing. Students learn more advanced television broadcasting skills for both in front of and behind camera jobs within the field. The process of shooting and editing video, writing scripts, producing comedy sketches, commercials, news stories and broadcasts will be covered. This is a great class to take in preparation for being on the school's broadcasting team, Spartan Vision, and videos made in this class may be aired on the show.

THEATRE 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course introduces students to the fundamentals of theatrical performance including monologues, scenes, pantomimes, Shakespeare, and improvisation. Students will also be reading, viewing, and analyzing plays and the history of theater. Students will be required to attend one play per quarter.

THEATRE 2

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

Recommended prerequisite: Theater 1.

This course is designed to give students advanced training in the areas mastered in the beginning theater course. In addition, students will participate in activities which develop proficiency in acting styles, directing, auditioning, and preparing resumes. Students will be required to participate in regional and state drama meets. A \$15 participation fee is required. Attendance at one play per quarter is required.

THEATRE 3 – MURRAY THEATRICAL ACADEMY

Grade(s): 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must audition and have taken Theater 1 & 2.

This is an advanced theatre class designed to prepare students for collegiate theatre. Only those students serious about working hard and advancing their theatrical skills will be allowed in this class. In order to maintain a spot in this class, you must maintain UHSAA eligibility standards. Students in this class will compete at the High School Shakespeare competition in October as well as the Region and State Theatre Festivals in March and April. The yearly festival play will be cast, rehearsed, and performed using the students in this class. Students will also prepare college auditions packages including resumes and headshots. Students in this class will have the opportunity to attend the Utah Theatre Association conference in January. Standards will be set by which the members of this class serve as ambassadors for our theatre department by mentoring and developing students in Theatre I and Theatre II. Finally, each student will select, cast, promote, and direct a one act play to be performed in May as part of our One Act Play festival.

THEATER 4 (School Musical)**THEATER 5 (School Play)**

Grade(s): 10, 11 & 12

Length: One semester each

Credit: 0.5 each

Recommended prerequisite: Before taking this class you must audition.

This course is for those students who have auditioned for and been cast in the school play or musical. You will be instructed in character development, styles for the theater, and performance technique. Each student will complete a performance role and a short technical assignment for each production. The cost will be from \$40 to \$60 depending on the part and costumes involved. Students will be required to participate in region and state drama meets. There is a \$15 participation fee for this class.

SLCC FILM 1045

Grade(s): 11 & 12

Length: Full year Credit: 1.0

Recommended prerequisites: Recommended completion of TV/Film Production 1

This course is an intensive workshop experience in which students, crewing in their area of specialization, complete the shooting and post production of projects up to 15 minutes in length. This class is a SLCC 6 credit hour class. **SLCC Tuition fee of \$30.00.**

TV/SPARTAN VISION

Grade(s): 11 & 12

Length: Full year Credit: 1.0

Recommended prerequisite: 1 or more of the following — TV/Film Production, Journalism, Communications. Students must try out for this class.

This course is designed for students who want to pursue a career in TV broadcasting. Students selected for this class will operate a weekly news program that is broadcast throughout the school. Students will be responsible for all aspects of the production including anchoring, producing, directing, writing, editing, etc. Students will learn to operate all television broadcasting equipment. Students will produce commercials, tributes, specials, and other short programs. All members of the Spartan Vision crew must be committed to the class as they will be required to put in extra time before or after school throughout the year. Students must be able to work well in a group.

VIDEO PRODUCTION 1

Grade(s): 10, 11, 12

Length: Semester Credit: 0.5

Think: Star Wars, Stephen Spielberg, Tim Burton, OKGo music videos! This is a hands-on class where students learn by doing. Students will learn basic film production skills covering all stages of the filmmaking process, including idea development, writing, planning, shooting and editing. Students will make short films and music videos. Editing is done on Adobe Premiere Pro.

VIDEO PRODUCTION 2

Grade(s): 10, 11, 12

Length: Semester Credit: 0.5

Recommended prerequisite: Video Production 1

This is a continuation of skills learned in Video Production 1. Student will learn more advanced film production skills covering all stages of the filmmaking process, including idea development, writing, planning, shooting and editing. Students will make short films, documentaries and other video projects. Editing is done on Adobe Premiere Pro and Adobe After Effects will be introduced.

SOPRANO/ALTO CHOIR

Grade(s): 10, 11 & 12

Length: Full year Credit: 1.0

Soprano/Alto Choir is a training choir. The purpose of this course is to help you sing and perform well and to teach you to read and analyze music. You will learn basic singing techniques and musicianship skills such as sight reading. You will perform at a few concerts and festivals during the year. You must pay a \$15 participation fee to be in this choir. This class is highly recommended for those who wish to be in A Capella Choir or Bel Canto Choir.

WORLD LANGUAGES

While two levels of the same world language study are required by the U. of U. and for the Regent's Scholarship, additional study past level 2 is required for competitive national colleges and has proven to raise ACT scores substantially. World languages are recommended for all students. Students may not advance to the next level if they received a failing grade for either semester until they repeat the failed semester. Only the failed semester may be repeated.

FRENCH LEVEL 1

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Students will learn basic conversational skills, oral and reading comprehension, and basic writing skills. You will also be introduced to various French-speaking cultures, concentrated mostly on France and Europe. Unit topics will include self, school, family, food, weather, travel, holidays, clothing, daily routines, and geography.

FRENCH LEVEL 2

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must have completed French Level 1.

This course will emphasize oral proficiency and reading, writing, comprehension skills. Students will be encouraged to communicate in the target language and should be able to converse in basic French about past and present events by year's end. Unit topics will include sports, weather, health, travel, money, Islam, holidays, and geography. You will also explore French cultures outside of Europe.

FRENCH LEVEL 3

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must have completed French Level 1 and French Level 2.

This course will emphasize a higher basic level of oral proficiency, writing, and reading. At year's end students should be able to communicate effectively about past, present, future and conditional events. Topics will include all of 1st and 2nd years' curriculum in more depth. To that we will add some French history, Northern Africa, the châteaux of France, famous French speakers, contemporary France, overseas departments and territories of France, human relations, French cinema, and the arts.

GERMAN LEVEL 1

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

In this class you will be taught how to speak, read, write, and listen to rudimentary German. The course will cover the everyday usage of the German language as well as making connections to the English language. An introduction to German-speaking culture will also be studied. Unit topics will include self, school, family, food, weather, travel, holidays, clothing, daily routines, and geography.

GERMAN LEVEL 2

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must have completed German Level 1.

This class is a continuation of German 1. Reading is stressed more, as is listening and speaking. You will continue to increase your vocabulary and expand reading and writing abilities as well as your understanding of German-speaking cultures. Unit topics will include sports, weather, health, travel, money, driving, holidays, and geography.

GERMAN LEVEL 3

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must have successfully completed German Level 1 and German Level 2.

This course will emphasize a higher basic level of oral proficiency, writing, and reading. At year's end students should be able to communicate about past, present, future and conditional events. Topics will include all of 1st and 2nd years' curriculum in more depth. To that we will add some German history, holidays and celebrations, managing at the post office, careers, health issues, and the environment.

SPANISH LEVEL 1

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: This class is for beginning students who have never taken a Spanish class before and have not had any exposure to the language. Students who failed the second semester of a Spanish 1 class and are repeating the class should sign up for the second semester only. Not recommended for native speakers.

Students begin with language basics such as greetings and introductions and study topics such as school subjects, descriptions, likes and dislikes, leisure activities, and family. Students study grammar and sentence structures and conduct simple conversations. Students are introduced to Hispanic culture as they begin to develop skills in all areas of language learning: listening, speaking, reading writing, and culture.

SPANISH LEVEL 2

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Before taking this class you must have successfully completed both semesters of Spanish 1, not recommended for native speakers

Students will increase their vocabulary and knowledge of how the language works, and be encouraged to converse in the language about past and present events, increasing in oral proficiency. Reading is stressed more and you will continue to expand your writing and listening skills as well as your understanding of Hispanic cultures. Topics include school life, daily routines, community, shopping, restaurant experiences, and your youth.

SPANISH LEVEL 3

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Successful completion of Spanish 1 and 2

Spanish 3 is for advanced students motivated to continue their language study. The class continues to develop the student's vocabulary base while introducing advanced grammar structures. Students will continue to develop their skills, in greater depth, within the areas of language learning.

SPANISH LEVEL 4

Grade(s): 10, 11 & 12

Length: Full year

Credit: 1.0

Recommended prerequisite: Successful completion of levels 1, 2, and 3

For those advanced students not wanting the college credit or accelerated pace of AP Spanish. Students will go beyond everyday survival Spanish by learning how to converse and write about more authentic topics in more depth, and how to express hypothetical and subjective conversation, as well as the compound tenses. Students will improve their essay and presentation skills, and read authentic literature. The class is taught in the target language, with native speakers taking the class. Native speakers should have an interest in studying their native language and be motivated to be successful in a second language setting. The student will be ready to proceed to AP Spanish by the end of this course.

ADVANCED PLACEMENT SPANISH

Grade(s): 11 & 12

Length: Full year

Credit: 1.0 high school credit, up to 6 college credits for passing the AP exam (2010, 2020, 3010) depending on the University. This is a MHS level 5 class.

Recommended prerequisite: Spanish 1, 2, and 1010/1020, OR Spanish 1, 2, 3, and 4 with successful completion. (Exception: Should a student's academic goals be met only through AP classes, that student may move from level 3 into AP as a junior with the expectation of taking the AP class for 2 years and taking the exam their senior year. This decision should be made with their counselor and teacher recommendation.)

For motivated students, this course utilizes a 2nd year college level curriculum that uses a variety of reading and listening information from authentic sources in Spanish (short stories from a variety of Spanish countries, articles, radio broadcasts, cultural perspective pieces) from which you will be able to summarize main points, form opinions, and make inferences. You will learn to write essays, have conversations, and give 2 minute presentations. Grammar will have been thoroughly taught in your previous courses, so will not be the focus of this course: it is briefly reviewed as encountered in the texts and workbook. All activities are geared toward the proficiency the student needs to acquire to successfully pass the AP Spanish exam. Its goal is FLUENCY AT LAST! Fee: Student workbook \$21.

HEALTH SCIENCE

.5 unit of Health credit is required for graduation. This requirement can be filled by taking Health Education, Introduction to Health Science, or SLCC Advanced Health 1500.

SLCC MA 1100-MEDICAL TERMINOLGY

Grade(s): 11 & 12

Length: One semester Credit: .50

Course format is lecture supplemented with videos and discussion covering medical word roots, suffixes, and prefixes. Emphasis is placed on pronunciation, spelling, and proper usage of medical terms.

EMERGENCY MEDICAL TECHNICIAN

Grade: 12 Senior's must be 18 by October 1st 2018.

Length: Full year, two periods

Recommended prerequisite: Successful completion of Biology

This course prepares students to pass the state EMT certification test. EMTs administer Basic Life Support to patients in emergency situations. There are some inherent risks in this training program.

The course involves strenuous physical activity, lifting and moving patients, possible exposure to body fluids, use of mechanical and electrical devices, and performance of tasks in less than ideal circumstances. Clinical training (riding with ambulance or fire truck) will take place in the evenings and some Saturdays. Students may be required to have hepatitis vaccinations.

INTRODUCTION TO HEALTH SCIENCE

Grade(s): 10, 11 & 12

Length: Semester

Credit: 0.5

This class is a preparatory class for the SLCC Human Biology 1090 class. A student will earn .5 of Technology credit as well as .5 Health Education credit. You must pass all four terms to receive the .5 of health and technology credit. This class is designed for any student who is thinking of a career in the health field. There is a \$5 fee for this class.

SPORTS MEDICINE/EXERCISE SCIENCE

Grade(s): 11 & 12

Length: Full year, Credit: 1.0

This course is designed for those that want to specialize in sports medicine, athletic training or related fields. This course focuses on prevention, treatment, and evaluation of sports related injuries.

CAREER/TECHNICAL EDUCATION

1.0 unit of credit required.

3.0 credit needed for pathway completer. See linked pathway charts for course content.

Architecture & Construction

⇒ Construction & Structural Systems

Arts, Audio/Visual Technology & Communications

⇒ Broadcasting & Digital Media

Business, Finance & Marketing

⇒ Accounting and Finance

⇒ Business Administration

⇒ Business Information Management

Computer Science & Information Technology

⇒ Programming & Software Development

⇒ Web Development

Education & Training

⇒ Pre-K: Early Childhood Education

⇒ K-12: Teaching as a Profession

Health Science

⇒ Health Science

Hospitality & Tourism

⇒ Culinary Arts

Human Services

⇒ Personal Care Services

Law, Public Safety, Corrections & Security

⇒ Protective Services

Manufacturing

⇒ Manufacturing & Production

Transportation, Distribution & Logistics

⇒ Auto Mechanics and Repairs

ARCHITECTURE & CONSTRUCTION

SLCC CMGT 1045: BUILDING CONSTRUCTION I (CARPENTRY 1)

Grade(s): 11 & 12

Length: Full year, three periods each day.

Credit:

Recommended prerequisite: Approval of the teacher.

Students will learn the concepts of footings, foundations & flatwork. Green build & traditional techniques of structural framing will be taught. Students will layout the construct floors, exterior & interior walls, doors & windows. Sophisticated methods used to maintain a tight building envelope will be used. Stair & roof construction will be introduced. Course is taught 1st half of the semester.

SLCC CMGT 1010: RESIDENTIAL CONSTRUCTION MATERIALS & METHODS

Grade(s): 11 & 12

Length: Full year, three periods each day.

Credit:

Recommended prerequisite: Approval of the teacher.

This course will provide students with knowledge of residential building techniques and materials. The course will examine common construction materials, components, and systems related to wood frame structures, utilizing sustainable building practices. The residential construction process will be analyzed from site planning to finish construction.

SLCC CMGT 1145: INTERIOR FINISHES I

Grade(s): 11 & 12

Length: Full year, three periods each day.

Credit:

Recommended prerequisite: Approval of the teacher.

This course covers materials and selection that support the responsible use of natural resources. Subjects include hanging doors, installing base, casing, stair treads, skirts & closet organizers. Installation of hardwood floors, handrails and stair caps will be taught. Students will also be introduced to the basics of installing tile floors and shower walls. Course is taught 1st half of the semester.

SLCC CMGT 1200: PERSONAL PROJECTS (CAPSTONE)

Grade(s): 11 & 12

Length: Full year, three periods each day.

Credit:

Recommended prerequisite: Approval of the teacher.

This course will allow students to plan a special project of their own design. Through consultation with the instructor, design approval and class schedule can be determined. Students are required to follow all safety rules and procedures. Students are encouraged to plan projects that utilize engineered and sustainable lumber products.

WOODWORKING 1

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This course is for the beginning woodwork student. You will learn the proper use and care of hand tools and the safe use and operation of power woodworking equipment. Activities include the drawing and planning of woodworking projects, construction of those projects, and learning the related informational units in woodworking. Cost to the student is based on the project or projects built.

WOODWORKING 2, FURNITURE DESIGN

Grade(s): 10, 11 & 12

Length: One semester

Credit: 0.5

This is an activity-oriented class that prepares you for enrollment in advanced vocational and technical programs. It includes information and laboratory experiences directly related to the woodworking industry. Activities involve cabinet making, carpentry, designing, planning and building products related to industry using hand tools and power equipment. Concepts in mass production and manufacturing are emphasized. Cost to the student is based on the project or projects built.

SLCC CMGT 1225: WOODWORKING AND MILLWORK 1

Grade(s): 11 & 12

Length: Either a semester course or, preferably, a full year

Credit: 0.5 - 1.0

Recommended prerequisite: Successful completion of Woodworking 1 or 2 and teacher approval.

This course explores the basic principles of woodworking. Safety will be discussed in depth. Topics include the theory & hands on application of joinery, design, cut-lists, stock preparation & assembly. An assigned skill building project utilizing techniques such as frame & panel construction. Includes an introduction to use wood veneers as a sustainable practice.

BUSINESS, COMPUTERS, MARKETING, & TECHNOLOGY

ACCOUNTING 1

Grade(s): 11 & 12

Length: One semester, ½ credit. This course fulfills ½ credit of math for a graduation requirement.

Students will learn the language of accounting used in business and banking. Students will understand the basics of accounting from analyzing transactions to preparing financial statements for a sole proprietorship. FEE: \$15.00

ACCOUNTING 2

Grade(s): 11 & 12

Length: One Semester, ½ credit

Recommended prerequisite: Successful completion of Accounting 1

Students will build upon the skills acquired in Accounting 1. Additional accounting skills such as preparing payroll, handling depreciation and uncollectible accounts, and calculating inventory will be developed. Students will apply accounting principles to merchandising businesses and prepare adjusting entries and financial statements for a corporation. FEE: \$15.00

BUSINESS LAW

Grade(s): 10, 11 & 12

Students will gain an understanding of the law as it relates to them currently and in their future. They will learn basic legal vocabulary, understand contract law, consumer laws, and employment laws.

Students will participate in mock trials to better understand the court system. This course is recommended for any student who desires to work in or own any business.

BUSINESS MANAGEMENT

Grade(s): 11 & 12

Length: One semester, ½ credit.

Students will gain an understanding of management concepts for future employment opportunities.

Students will gain basic understanding of economics, global business, forms of business, entrepreneurship, planning and decision-making, human relations, marketing, management, leadership, and finance. Recommended prerequisite: Successful completion of financial literacy suggested.

COMPUTER PROGRAMMING 1

Grade(s): 10, 11 & 12

Length: One semester, ½ credit. This course fulfills ½ credit of digital studies for a graduation requirement.

Recommended prerequisites: Secondary Math 1

This course is designed to give students the opportunity to learn how to design computer programs and build simple graphical programs. It is a great way to get some programming experience and have some fun. By the end of the course students will design and building a simple text-based computer game in Python.

COMPUTER PROGRAMMING 2

Grade(s): 10, 11 & 12

Length: One semester, ½ credit. This course fulfills ½ credit of math for a graduation requirement.

Recommended prerequisites: Computer Programming 1 or permission of instructor

This course builds on the principles covered in Computer Programming I. Students will begin writing object oriented programs and use lists to contain multiple objects. Students will work together in teams to design and build a group project using the Python language.

COMPUTER SCIENCE PRINCIPLES

Grade(s): 10, 11 & 12

Length: One semester, ½ credit.

This course seeks to broaden participation in computing by emphasizing principles of computer science rather than programming. Big ideas of this course include: 1- algorithms are used to develop solutions to problems, 2- programming enables problem solving, human expression, and creation of knowledge.

DIGITAL MARKETING

Grade(s): 10, 11 & 12

Length: One semester, ½ credit

The Digital Marketing course is designed to give students a general background in digital marketing and an introduction to the rapidly growing and evolving career field. Students will be exposed to the fundamental concepts and principles of the digital experience, focus on the learning tools and skills necessary for solving business problems, and developing marketing opportunities. This course will provide practical experience in, but not limited to: eCommerce, media planning, branding, online advertising, digital campaigns, social media marketing, and mobile media.

FINANCIAL LITERACY

Grade(s): 11 & 12

Length: One semester, ½ credit.

The General Financial Literacy Core is designed for junior and senior students and represents those standards of learning that are essential and necessary for all students. The implementation of the ideas, concepts, knowledge, and skills contained in the General Financial Literacy Core will enable students to implement those decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.

GAME DEVELOPMENT

Grade(s): 10, 11 & 12

Length: One semester, ½ credit.

Recommended prerequisites: Computer Programming 1

This course is designed to provide students with knowledge and project based experience of fundamental gaming development concepts relating to STEM. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management.

HTML APPLICATION DEVELOPMENT FUNDAMENTALS (Web 2)

Grade(s): 10, 11 & 12

Recommended prerequisite: Web Development 1

This course will provide students with core HTML5 client application development skills that will run on today's touch-enabled devices (PCs, tablets, and phones). Although HTML is often thought of as a web technology that is rendered in a browser to produce a UI, this course focuses on using HTML5, CSS3, and Java Script to develop client applications.

INTRODUCTION TO REAL ESTATE

Grade(s): 10 - 12

Length: One semester, ½ credit.

Recommended prerequisite: None

Students will be introduced to real estate basics that include the scope of the real estate business, usage of land, land description, ownership, contracts, deeds, mortgages, title search, and closes, liens, financing sources, the appraisal process, investments in real estate, and the sales and marketing process. Students will broach real estate marketing and sales through ethics, employee and customer relations, use of product knowledge, and the use of advertising and the media. Exposure to real estate terminology, forms, and contracts is an integral part of this class.

SLCC 1400 COMPUTER PROGRAMMING 1

Grade(s): 11 & 12

Length: 1 Semester, 0.5 credit

Recommended prerequisite: Computer Programming, AP Principles of Computer Science or Permission of Instructor

This course is concurrent enrollment and will allow students to earn college credit. The course covers design and basic programming structures. Students will use Java programming constructs to design and build a simple game. **SLCC Tuition Fee of \$15.00.**

SLCC 1410 COMPUTER PROGRAMMING 2

Grade(s): 11 & 12

Length: 1 Semester, 0.5 credit

Recommended prerequisite: SLCC 1400.

This course is concurrent enrollment and will allow students to earn college credit. Students will build off of the knowledge from 1400 and be able to design and build more complex programs using the Object-Oriented Programming model. **SLCC Tuition Fee of \$15.00.**

SLCC BUS 1010: INTRO TO BUSINESS

Grade(s): 11 & 12

Length: One semester. ½ credit high school credit, 3 hours college credit.

This is an introductory business course which will expose students in the diverse world of business, revealing how each of us is connected to business personally, professionally, and how business connects us culturally and socially. Students will learn how individuals function within a specific field and how various disciplines work together in cross functional teams. Active participation in FBLA is an expectation of this course. Recommended prerequisite: Successful completion of financial literacy suggested. **SLCC Tuition Fee of \$15.00.**

SLCC PERSONAL FINANCE 1050

Grade(s): 11 & 12

Length: One semester, ½ credit.

This course emphasizes the need for wise use of financial resources. Through a study of credit, insurance, banking, real estate, taxation, saving, and financial products, the student explores strategies for achieving financial goals. The risks, as well as the rewards, in financial planning are evaluated so that students develop the ability to make wise decisions. Active participation in FBLA is an expectation of this course. **SLCC Tuition Fee of \$15.00.**

WEB DEVELOPMENT 1

Grade(s): 10, 11 & 12

Length: One semester, ½ credit.

Web Development is a course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, Cascading Style Sheets (CSS). Students will plan, design, and develop web pages and understand the process of deploying and maintaining a website.

YEARBOOK STAFF/GRAPHIC DESIGN

Grade(s): 11 & 12

Length: Full year, Credit: 1.0 ½ Elective credit, ½ CTE credit

Recommended prerequisite: Before taking this class you must have the approval of the teacher.

The staff works on all phases of publishing the school yearbook. Students draw layouts, write and type copy to size, take pictures, assemble, publicize, and distribute the school's most exciting publication. After taking responsibility and working under pressure for deadlines, it becomes a rewarding experience when you see "your" pages bound in a treasured book.

FAMILY & CONSUMER SCIENCE

ADULT ROLES & FINANCIAL LITERACY

Grade(s): 11 & 12

Length: Full year, Credit: 1.0

This course focuses on the importance of human relationships for individuals and families. Adult Roles is designed to prepare senior students for life after graduation. Principles and concepts include family living, values, goal setting, dating, preparation for marriage, decision-making, parenting, communication, financial management, and maintaining positive relationships. A student completing a full year of Adult Roles class will satisfy the Financial Literacy requirement.

CHILD DEVELOPMENT

Grade(s) 10, 11 & 12

Length: One semester, ½ credit.

Recommended prerequisites: None

Students will understand the aspects of child growth and development, positive guidance techniques, and child-related issues. Learning activities, observation techniques, and lab experiences in working with young children may be included. This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. Family, Career and

Community Leaders of America (FCCLA) supports student leadership and has competitive events that may be an integral part of the course.

EARLY CHILDHOOD EDUCATION 1/2

Grade(s): 11 & 12

Length and Credit: All year, 1credit:

Required prerequisites: Child Development

This semester course introduces students to child-related careers and the Child Development Associate Credential (CDA). Instruction is given regarding developmentally appropriate practices (DAP) and curriculum and facility design for young children. ECE lab training may be a part of the course. This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. Student leadership and competitive events (FCCLA) may be integrated into this course.

EARLY CHILDHOOD EDUCATION 3/Day Care Lab:

Grade(s): 11 & 12

Length and Credit: Semester, ½ credit.

Required prerequisite: Successful completion of Child Development and Early Childhood Education 1.

This semester course provides students an opportunity to work with children in a professional lab setting. Students enrolled in this course will: teach young children, demonstrate positive employment skills, maintain a healthy environment for children, and develop positive relationships with children. Onsite lab experiences will be a major component of the course. Students will continue preparing for the Child Development Associate Credential (CDA). This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. Student leadership and competitive events (FCCLA) may be integrated into this course.

FOODS & NUTRITION 1

Grade(s): 10, 11 & 12

Recommended prerequisites: None

Length: One semester, ½ credit.

Learn to cook! This is a basic foods and nutrition class. The purpose of this course is to help you learn food preparation and basic cooking skills, meal planning, better eating habits, good nutrition and consumerism.

FOREIGN FOODS 2

Grade(s): 10, 11 & 12

Length: One semester, ½ credit.

Recommended prerequisite: Successful completion of Foods & Nutrition.

In this advanced foods class, you will learn to prepare various ethnic/foreign foods while studying consumerism, advanced cooking skills, and nutrition and wellness.

HOUSING AND INTERIOR DESIGN

Grade(s): 10, 11 & 12

Length: Full year, Credit: 1.0

During first semester you will study art and design elements and learn about color and design, buying and selling homes, and creativity. During 2nd semester, you will learn about architectural styles, furniture, floor plans, and will design a "dream house". During the year you will make several home

crafts. Information about related careers is introduced. The first semester of this course gives you technology core credit. There is a \$22 fee for supplies.

HUMAN DEVELOPMENT

Grade(s): 11 & 12

Length and Credit: Semester, ½ credits:

Human Development introduces the developmental stages of individuals across the lifespan. Students will study biological, cognitive, and social/emotional developmental changes of the individual in the context of the family and society. It emphasizes and demonstrates the vital connections between theory, research, and application. Student leadership and competitive events (FCCLA) may be integrated into this course. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education.

CULINARY ARTS/MANAGEMENT

Grade(s): 11 & 12

Length: Full year, Two class periods. 2 credits.

Recommended prerequisites: Successful completion of Foods & Nutrition and teacher approval.

This is a two period class each day. The student staff manages the Spartan Cove restaurant. The purpose of this course is to learn basic food service skills and explore possible careers in hospitality/service areas. Practical instruction is given in nutrition, menu planning, food preparation, serving, and "people" skills. There is a \$25 fee.

TEACHING AS A PROFESSION 1 AND 2

Grade(s): 10, 11 & 12

Length: One semester, ½ credit

A course designed to help students learn about the role and characteristics of an effective educator. Students will observe and participate with teachers and students in the classroom. Major topics include exploring current teaching methods and instructional strategies, assessments, and when/how to use them, and how students learn and what instructional strategies can be implemented to assist all learners.

SLCC EDU 1010-ORIENTATION TO EDUCATION

Grade(s): 11 & 12

Length: One semester, ½ credit

Prerequisites: Teaching as a Profession 1 and 2.

Teaching as a career-challenges and rewards, history, philosophies, social issues, job availability, and governance. Preparation for acceptance into a teacher education program. Field experience required.

SKILLED AND TECHNICAL SCIENCES

<u>Course</u>	<u>State Core</u>	<u>Career Field</u>
ASE Chassis MLR	Technology	Technology
ASE Engine MLR	Technology	Technology
Intro to Automotive	Technology	Technology

ASE CHASSIS MLR

Grade(s): 11 & 12

Length: Full Year, 1 credit

Recommended prerequisites: Successful completion of Introduction to Automotive

This is an advanced level course in Automotive Service. Through demonstrations, lectures, research and practical experiences, this course is designed to assist students in broadening their experience, through the use of equipment, tools, materials, processes and techniques in inspecting, diagnosing, and servicing of automobiles.

ASE ENGINE MLR

Grade(s): 11 & 12

Length: This is a full year course,

Recommended prerequisite: Before taking this class you must have successfully completed Introduction to Auto.

This is an advanced level course in Automotive Service. Through demonstrations, lectures, research and practical experiences, this course is designed to assist students in broadening their experience, through the use of equipment, tools, materials, processes and techniques in inspecting, diagnosing, and servicing of automobiles.

INTRODUCTION TO AUTO

Grade(s): 10, 11 & 12

Length: 1 semester, ½ credit.

Recommended prerequisites: None

This is an entry-level course in Automotive Service. Through demonstrations, lectures, research and practical experiences, is designed to introduce the student to a broad experience in the use of; equipment, tools, materials, processes and techniques of automotive service. This is a one-semester course of instruction.

NAIL TECHNICIAN 1 & 2

Grade(s): 10, 11 & 12

Recommended prerequisites: For Nail Tech 2 = Successful completion of Nail Tech 1

Length: 1 semester, Credit: 1.0

Course is held in Nail Tech. building on the north east side of MHS campus. This is a program that prepares individuals to shape fingernails and toenails, remove unwanted skin and blemishes, apply polish and cosmetics to nails, and function as a licensed manicurist or nail technician/specialist. It includes instruction in manicuring theory; skin anatomy; nail growth, irregularities and diseases; sterilization and sanitation; equipment and table maintenance; cuticle, blemish, and rough skin removal; nail filing, shaping, and polishing; cream application and extremity massage; nail sculpture and design art; product storage and use; customer service; laws and regulations; and business practices.

Upon completion of this course all student will be eligible for up to a \$400 scholarship towards further hours for licensure. All supplies are provided and there is not a fee for either class

ELECTIVES

PEER LEADERSHIP TEAM

Grade(s): 10, 11 & 12

Length: Full year, Credit: 1.0

Recommended prerequisite: Before taking this class you must fill out an application and be accepted into the course. If you are interested, please see Ms. Humphreys.

The purpose of the Peer Leadership team is to promote the prevention of drug and/or alcohol use and abuse among children and teens in the community. The PLT is involved in a number of activities with elementary, junior, and senior high school students teaching peer refusal skills. Attendance at a 3-day summer training camp is mandatory. Students must maintain a 2.5 GPA. There is a \$20 fee.

LATINOS IN ACTION

Grade(s): 10, 11 & 12

Length: Full Year, 1 credit

Recommended prerequisite: Before taking this class you must fill out an application and be accepted into the course. If you are interested, please see Mr. Funk.

This class is set up at the high school & junior high schools to support bi-lingual Latino students in utilizing their language skills to support the school and community. This class teaches students the importance of serving others, as well as succeeding academically in the process. Recommended prerequisite: Before taking this class you must fill out an application and be accepted into the course. A GPA of 2.50 and membership in another school club or athletic team is required.

This class will push these students toward a post high school education and to serve as Para-educators and role models for younger Hispanic students in our local elementary and junior high schools. LIA students are expected to render service in their community, serve as role models, and develop their academic skills.

PEER TUTOR

Grade(s): 10, 11 & 12

Length: One semester, ½ credit.

Recommended prerequisite: Before taking this class you must have a sincere interest in working with students with disabilities or an interest in a teaching career or related field.

Peer Tutoring is a unique experience in which you learn skills to teach students with disabilities both in the classroom and in the community. The purpose is to provide the students with disabilities a peer role model, tutor, and an advocate. Grades are determined by written assignments, evaluations of tutoring skills, term projects, and social activities with students with disabilities.

ACT PREP CLASS

Grade(s): 10, 11 & 12

Length: Semester

Credit: 0.50

Area: Elective

The purpose of this class is to help students to prepare to take the ACT. It will teach students an extensive suite of advanced test-taking strategies for every question type. Essential skill review in each of the four test areas (English, Math, Reading & Science) will be covered.

DRIVER EDUCATION

Grade(s): 10, 11 & 12

Length: One semester, .50 credit.

Recommended prerequisite: Students must obtain their Driving Permit from the DLD prior to start of class.

This course is designed to teach about the personal and social problems of driving and the knowledge and attributes needed for safe driving. The course is a combination of classroom and practical driving (range driving and on-the-road driving) experiences. There is a \$130 fee for this class.

CTE INTERNSHIP

Grade(s): 11 & 12

Length: One semester, .50 to 1.00 credits (based on 1 or 2 periods).

Recommended prerequisites: 2.0 GPA, Satisfactory Citizenship & related course work.

The Career Internship Program was developed with the goal to help students identify a career choice, to participate in an on site career training and to make a successful transition from school-to-career.

Students are expected to have completed or be involved in school classes related to the career or internship goal. An internship seminar class is taught one day a week. Time management, world of work, interviewing and personal critical workplace skills are taught in this course.

WORK BASED LEARNING EXPERIENCE

Grade(s): 11 & 12

Length: One semester, .50 to 3.00 credit available based on the number of class periods.

Recommended prerequisites: Passing grade in Career Internship program and related course work. The Work Based Learning experience is a partnership between the business community and MHS in which classroom learning is applied to productive, structured work experiences that are directly related to the student SEOP goals. Students must have taken, or be taking, course work that is directly related to the work experience. Students will be graded on written assignments, hours worked, and employer evaluations.

SEMINARY

RELEASED TIME (no credit)

SPECIAL EDUCATION

SPECIAL EDUCATION

Recommended prerequisite: Courses taught through Assisted Education qualify through the special education classification process as outlined according to Individuals with Disabilities Education Improvement Act (IDEIA).

Grade(s): 10, 11, 12

Classes taught in Assisted Education provide support in general education classes and provide students with opportunities for career development, adult living and post-secondary options while addressing goals through the Individualized Education Plan (IEP).

STUDY STRATEGIES 10

Grade(s): 10

Length: semester or year

This course is designed to provide students in 10th grade with support in core subject classes as well as providing instruction in reading, writing and study skills. The curriculum also provides students with information and goals regarding their Individualized Education Program (IEP).

STUDY STRATEGIES 11

Grade(s): 11

Length: semester or year

This course is designed to meet the needs of students in 11th grade that provides support in core subject classes. The class addresses goals and needs outlined in the student's IEP, as well as providing the individualized instruction the student needs to meet those goals and meet the requirements of the general education classes. In addition, Study Strategies also covers functional life skills each student needs to prepare them for transition for life after high school.

TRANSITION 12

Grade(s): 12

Length: semester or year

Transition 12 is a class that addresses options for seniors who will be graduating from high school and will need the necessary skills to be productive members of society. Students will discover information relating to post-high school education and training, career and job exploration and agencies that can help facilitate success in adulthood. Students will be taught in a variety of ways which will include "mock" real-life experiences designed to help them learn skills they can carry into their adult lives. Support will be given to students as needed so they can be successful in general education classes. A reading strategies component will be taught as well to help students in their general education courses. Goal setting is an important component in every unit of study.

LIFE SKILLS

Grade(s): 10, 11 & 12

Length: semester or year

Students will practice functional life skills needed to transition from high school to adulthood. Time will be spent learning using TRAX and UTA for community access. Students will also learn budgeting, time concepts, directions, safety, social skills and leisure activities. This course is largely IEP driven and will vary based on the needs of each student. There will be a large emphasis on increasing independence as well as daily work on Individualized Education Plans (IEP).

CAREER CONNECTIONS

Grade(s): 11 & 12

Length: semester

Career Connections is a semester course designed to meet the needs of students with disabilities. Students will learn the essentials of social skills, productivity, working independently, work completion

and time management. Students will work on jobs generally within the high school boundaries. Students from this class will be prepared to move to the MAT program upon completing senior year with peers.

INTEGRATED MATH I

Grade(s): 10, 11 & 12

Length: year

This course is designed to meet the needs of students who struggle with basic computation, calculation and problem solving. This course is specifically designed for students who may have difficulty passing the UBSCT math test. Focus is on basic addition, subtraction, multiplication and division and understanding these concepts as they relate to real-world application. Students will also be exposed to fractions, decimals, percents and get a brief introduction to basic algebraic concepts. The IEP team determines eligibility for this course. This class will count for core math credit if deemed appropriate by the IEP team and is written as such. A more functional curriculum is taught for students with more significant issues where basic math concepts are very difficult.

INTEGRATED MATH II

Grades(s) 10, 11 & 12

Length: Year

This course is designed to support students who struggle with math concepts but are still taking regular education math classes. It is designed to help students spend extra time with their core curriculum in a small group environment. It is meant to support students who continue to access math in an inclusive environment.

MATH FOR LIFE

Grade(s) 10, 11 & 12

Length: Year

This course is designed to meet the needs of students who struggle with basic computation, calculation and problem solving. This course is specifically designed for students who may have difficulty passing the UBSCT math test. Focus is on basic addition, subtraction, multiplication and division and understanding these concepts as they relate to real-world application. Students will also be exposed to fractions, decimals, percents and get a brief introduction to basic algebraic concepts. The IEP team determines eligibility for this course. The class will count for core math credit if deemed appropriate by the IEP team and is written as such. A more functional curriculum (Math 10-11-12) is taught for students with more significant issues where basic math concepts are very difficult.

FUNCTIONAL LITERACY

Grade(s): 10, 11 & 12

Length: year

This class is designed to focus on reading and writing on a very functional level. Functional sight words are a main component of this course as well as learning and writing personal information. This class is specifically designed for students whose level of understanding and reading requires a much more functional curriculum. Students enrolled in this class may not be diploma seeking and participate in the Utah Alternative Assessment (UAA).

FUNCTIONAL LITERACY II

Grade(s): 10, 11 & 12

Length: semester or year

The purpose of this class is to improve student's reading ability specifically in the areas of vocabulary, fluency, and comprehension. There will be some focus on phonemes and phonemic awareness as needed based upon individual need. Students will work in individual and small group settings. Overall reading improvement will be measured through a variety of assessments, including the Dynamic Indicators of Basic Literacy Skills (DIBELS), the Qualitative Reading Inventory (QRI), and other curriculum based measurements. These measurements will allow us to measure and report student progress for both short term and long term gains. There will also be a writing component to this course in addition to daily reading groups/strategies taught. This course is for elective credit only. It does not meet core standards for English credit. Students in this course take general education English classes for core credit.

LITERACY 10, 11, 12

Grade(s): 10, 11 & 12

Length: year

This course focuses on all five components of reading including: phonemic awareness, phonics, fluency, vocabulary, and comprehension. This class also has a component of functional writing skills and basic public speaking skills. This class gives core English credit as outlined by the student's IEP. Students who take this course also take Functional Literacy II in addition to this course.

MURRAY ADULT TRANSITION (MAT)

Grade(s): This program is for students whose class has graduated

Length: contingent upon level of student need

The Murray Adult Transition (MAT) program is for students with disabilities whose high school class has graduated. Students are supported in their transition to adulthood by participating in employment training, community access, adult living skills, and service learning activities. Accessing community agencies such as Vocational Rehabilitation, Social Security and Division of Services for People with Disabilities (DSPD) is an important component of Murray Adult Transition. Students may also take classes at Salt Lake Community College or other sites and will be involved in various social/leisure activities around the community. Students needing to earn a high school diploma may do so by completing individually designed curriculum as determined by their Individual Education Plans (IEP).

MHS OFF - CAMPUS OCCUPATIONAL COURSES

Off-campus courses are a partnership between Murray High School (MHS) and the school hosting the off-campus course. Participation in the MHS Off-Campus Course Program is a two-part process:

1. A student must meet the MHS Off-Campus Course Program eligibility requirements as determined by MHS Off-Campus Course Program policy and guidelines.
2. A student must make application for specific off-campus courses and be accepted for admission by the school hosting the course.

Students may only participate in the MHS Off-Campus Course Program if both conditions are satisfied. Applications will not be sent to hosting schools if a student is not eligible for the program.

Off-campus courses are professional-level programs that are often linked with professional licenses, certification, and/or college degrees. Most courses are full-year courses and take up to four MHS class

periods earning 4.0 credits for the school year. Planning for an off-campus course is well worth the effort. Participating students must be seriously committed to this program.