Course Catalog
Youth Programs
2024-2025

McLain Community High School
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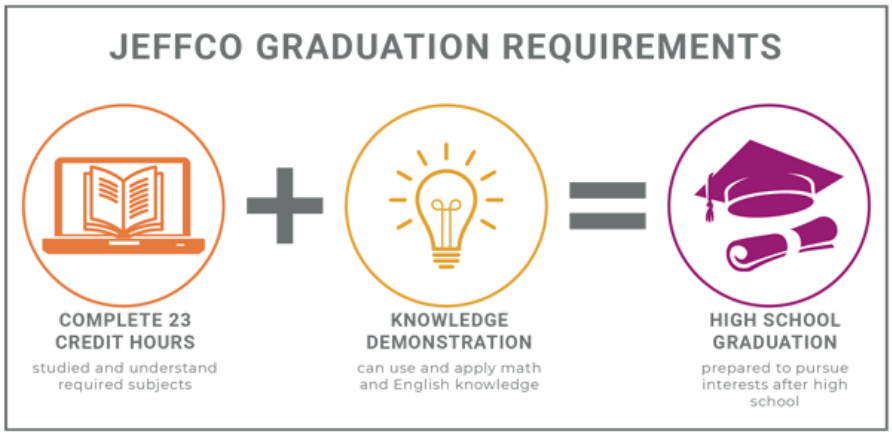
Graduation Requirements

McLain Community High School students must meet the graduation requirements determined by Jeffco Public Schools. Beginning with the class of 2022, students will be required to meet or exceed the following requirements in Table 1 and Table 2 to receive a diploma. Students and families should consult with their student's counselor about the specific demonstration of knowledge options that are available at McLain. To learn more about Jeffco's graduation requirements please visit this website: https://www.jeffcopublicschools.org/academics/graduation_requirements



REQUIRED COURSE CREDITS

Students are required to complete the 23 credit hours of study shown below.

1 SUBJECT	JEFFCO CREDITS	HEAR CREDITS [a]
English Language Arts	4	4
Math	3 [b]	4
Science	3 [c]	3
Social Studies	3.5 [d]	3
Physical Education	0.5	None
Fine/Practical Arts	0.5	None
World/Foreign Language	N/A	1
Additional Coursework	8.5	2
TOTAL	23	N/A

[a] Higher Education Admission Recommendations for Colorado public four-year colleges/universities; private colleges/universities set their own admission standards
[b] A minimum of algebra 1, geometry and one additional course at or above geometry
[c] Three credits must be lab-based and meet both process and content standards are required
[d] Geography, U.S. history, world history, U.S. government, economics

2 DEMONSTRATION OPTIONS [a]	ENGLISH	MATH
Accuplacer Next (Español)	241/Reading or 236 Writing	255/AR or 230/QAS [b]
ACT (Español)	18	19
ACT Work Keys (Español)	Bronze	Bronze
Advanced Placement [c] (Español)	2	2
ASVAB (Español)	31	31
Concurrent Enrollment (Español)	Passing Grade	Passing Grade
International Baccalaureate [c](Español)	4	4
SAT [d](Español)	470	500
District Capstone (Español)	Individualized	Individualized
Industry Certificate (Español)	Individualized	Individualized
Performance Based Assessment (in development)	State Rubric	State Rubric

[a] Check with your school to learn which of the above options are offered
[b] Arithmetic (AR); Quantitative Reasoning, Algebra, and Statistics (QAS)
[c] Other demonstrations may be required if test scores come after deadline
[d] All students are required to take the SAT in their Junior year

Transcripts and Grades

Transcripts for students who transfer in from other districts will be evaluated based on Jefferson County criteria.

Students and families can check academic progress in specific classes via Infinite Campus' Parent Portal. To inquire about credits, transcripts, or a student's graduation plan, please contact your student's counselor.

Schedule Changes

McLain Community High School strives to meet student needs through responsive scheduling. Students begin the school year with a full schedule and have the opportunity to take required courses in all four core content areas plus electives. Students may also request to be enrolled in extension courses if they wish to accelerate their graduation plan.

If a schedule is not meeting your student's needs, please work with their counselor to modify the schedule and graduation plan.

NCAA Eligibility and Requirements

McLain students may still participate in sports through their neighborhood school. If you are planning to engage in college athletics please work with your counselor to ensure that the requirements for the NCAA Clearinghouse are being met. Eligibility grades and attendance are reported weekly to the Athletic Directors per CHSAA guidelines.

McLain Academic Programs

	Program	Hours	Program Description
RISE	**RISE (Formerly LIVE)** 9th - 10th Grade Students 4 credits or fewer	Student Hours 8:00 - 1:05 M-F **Program Admin:** Tim Ebendick, AP	RISE (formerly LIVE) is designed to create success for students who struggle in a traditional setting and includes experiential and direct instruction. The program is an interactive alternative for younger students (14 or 15 years old) needing 9th and 10th grade credits and prepares students for a successful transition to another McLain program or school of choice. ***Program enrollment is by hexter and contingent upon space available. Students must apply via Enroll Jeffco.***
YOUTH	**PEAK and Summit (Formerly ACE and Achieve)**	Student Hours 8:00 - 1:05 M-F *Extension available from 1:10 - 2:30 M-Th **Program Admin:** Karen Shea, AP for ACE Stephanie Valdez,, AP for Achieve	ACE and Achieve are small learning communities that serve 10th - 12th grade students who are generally 16 - 20 years old. Students who have been unsuccessful in their traditional high school due to personal or academic challenges are offered a variety of unique opportunities to get them to graduation. In addition to the core curriculum, the communities offer experiential education, extension classes, and concurrent enrollment. Students are able to have flexible schedules to meet their academic, work, and personal needs. ***Program enrollment is by hexter and contingent upon space available. Students must apply via Enroll Jeffco.***
ADULT	**GED Program**	Student Hours: **GED Day:** AM Session 8:00 - 12:05 M-F Late-Start Session 9:40 -1:50 M-F PM Session 10:50 - 3:00 M-F **GED Night:** 5:00 - 8:00 M-W **Program Admin:** Tim Ebendick, AP	The McLain GED program has an educational goal that all students not only pass the GED but are also informed and prepared for a career or post-secondary education. A significant number of in-building resources and relationships in the community guide students in taking those next steps. McLain works with students to develop an instructional study plan that best suits their academic readiness as determined by the GED READY pre-test. ***Program enrollment is continuous and contingent upon space available. Students must apply via Enroll Jeffco.***
ADULT	**Diploma Program**	Student Hours: **Diploma Day:** 8:00 - 2:30 M-F **Diploma Night:** 5:55 - 8:30 M-W **Program Admin:** Tim Ebendick, AP	Adult High School (formerly CB) provides adult students with a quality program to help them receive their diploma. In addition to the core curriculum, the Day diploma program also uses the Discovery program. The purpose of Discovery is to learn and practice the social and emotional skills necessary to be responsible and effective in school, home, and work environments, and within the larger community. ***Program enrollment is continuous and contingent upon space available. Students must apply via Enroll Jeffco.***

Courses

Core Content Classes		
English Language Arts		
Course Title	**Course Code**	**Course Description**
English/Lang Arts 9	01001G05012 01001G05022	English/Language Arts 9 incorporates the five aspects of language arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and nonfiction.
English/Lang Arts 10	01002G05012 01002G05022	English/Language Arts 10 offers a balanced focus on composition and literature. Students read widely to improve their reading rate, vocabulary, and comprehension and develop skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. Students apply knowledge of purposes and audiences by studying and producing various genres. Oral communication is practiced in group settings as well through presentations.
English/Lang Arts 11	01003G05012 01003G05022	English/Language Arts 11 develops students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, which students apply to compositions that utilize research and rhetoric. Students read nonfiction and literary works as a means to understand the world and to inform their writing. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. Participation in class dialogue and delivering presentations are expectations of this course.
English/Lang Arts 12	01004G05012 01004G05022	English/Language Arts 12 blends composition, analytical reading, and literature into a cohesive whole. Students combine purposes, patterns, and genres in writing while incorporating research and rhetorical techniques. Collaboration and critical thinking lead to more complex presentations and products, with students honing their comprehension skills while reading more complicated literary and nonfiction texts.

Intermediate English Lang Arts	51008G070818 51008G070828 51008G070838 51008G070848	This course is designed primarily for linguistically diverse students who have completed Beginning ELA (ESL2), or are new arrivals to the US who have had formal education and are literate in their home language. They possess intermediate level knowledge of academic English in speaking, listening, reading and writing. They typically enter with a WIDA language proficiency level of approximately 2.5 to 3.4. Through developmentally appropriate texts and highly scaffolded instruction, students continue to develop and improve English language skills with emphasis on expanded literacy, critical thinking and oral language skills necessary to interact with teachers and peers at the secondary level. The curriculum is based on the Colorado Academic Standards (CAS), Colorado English Language Proficiency (CELP) Standards, and WIDA performance definitions. Students will receive English Language Arts credit.
Advanced English Language Arts	51008G070858 51008G070868 51008G070878 51008G070888	This course is designed primarily for linguistically diverse students who are in the higher intermediate to advanced stages of English language development. They may have completed Intermediate ELA (ESL 3), or may be new arrivals to the US. Although the students may have advanced oral skills, they struggle with the academic literacy demands of non-sheltered content classes. They typically enter with a WIDA language literacy proficiency level of approximately 3.5 or above. Through scaffolded instruction and developmentally appropriate texts across content areas, students expand their reading comprehension, oral and written expression, and improve the critical thinking and analytical skills necessary to access grade level curriculum at the secondary level. The curriculum is based on the Colorado Academic Standards (CAS), Colorado English Language Proficiency (CELP) Standards, and WIDA performance definitions. Students will receive English Language Arts credit.
Mathematics		
Course Title	**Course Code**	**Course Description**
Transition to Algebra	02051B05012 02051B05022	IEP or non-IEP students. This course prepares students for Algebra 1 by strengthening 6/7/8 math standards and should be followed by Algebra 1. The Jeffco Transition to Algebra Year-At -A-Glance is followed. Recommended curriculum includes: Transition to Algebra: Making Algebra Make Sense. **NOTE: Taking this course in 9th grade will allow Jeffco graduation requirements to be fulfilled but HEAR requirements for four year colleges will not be met.**
Algebra I	02052G05014 02052G05024	This course follows the Algebra 1 Jeffco Bridge to Curriculum. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Reasoning with Equations/Inequalities, Modeling with Linear Functions, Introduction to Exponential Functions, Quadratic Functions and Polynomial Operations, Descriptive

		Statistics, Analyzing Functions, Algebraic Reasoning with Geometric Concepts. ****This course may be applied towards a STEM Endorsed Diploma** **This course is offered as a 4 part sequence at McLain.**
Geometry	02072G05014 02072G05024	This course follows Jeffco Geometry Bridge to Curriculum. Mathematical reasoning, modelling, problem solving and communication are are developed throughout the following units of study: Expressing Geometric Properties with Equations, Congruence, Similarity, Right triangles and Trig, Quadrilaterals and Polygons, Probability and Statistics, Circles, Geometric Measurement and Dimension. ****This course may be applied towards a STEM Endorsed Diploma** **This course is offered as a 4 part sequence at McLain.**
Algebra Intermediate	02069G05014 02069G05024	This course introduces the Algebra 2 Bridge to Curriculum standards along with strengthening previous Algebra 1 and Geometry standards. Mathematical reasoning, modelling, problem solving and communication are developed throughout the following units of study: Reasoning with Functions, Extending Exponential Functions, Understanding Complex Solutions, Exploring Extraneous Solutions, Data Analysis/Probability Trigonometry, Personal Financial Literacy. ****This course may be applied towards a STEM Endorsed Diploma** **This course is offered as a 4 part sequence at McLain.**
Algebra II	02056G05012 02056G05022	This course follows Jeffco Algebra 2 Bridge to Curriculum. Mathematical reasoning, modelling, problem solving and communication are are developed throughout the following units of study: Functions/Transformations/Systems, Complex Numbers through Quadratics, Polynomials/Polynomial Functions, Rational Exponents/Radical Functions, Exponential/Logarithmic Functions, Trigonometric Functions, Probability/Statistics, and Rational Functions. ****This course may be applied towards a STEM Endorsed Diploma** **This course is offered as a 4 part sequence at McLain.**
Integrated Math II	02061G05038 02061G05048	This course is aligned with Colorado Academic standards for mathematics and includes the following units of study: Extending the Number System, Quadratic Functions/Modeling, Expressions/Equations, Applications of Probability, Similarity/Right Triangle Trig/Proof, Circles without Coordinates. ****This course may be applied towards a STEM Endorsed Diploma**

Inferential Probability and Stat	02202G05012 02202G05022	This full year course provides a means by which the student will become a more effective communicator through the study of probability and statistics. It focuses deeply on descriptive statistics, with an introduction to inferential statistics. Topics include sample spaces, measures of central tendency, normal curve, sampling techniques, standard deviation, t-test, correlation coefficient, techniques for determining probabilities, and matrix algebra. Students will be able to conduct a hypothesis test for a population mean, a population proportion, and a population variance; construct confidence intervals for population parameters; and conduct regression analysis for variables. Technology will be emphasized through the use of graphing calculators. ****This course may be applied towards a STEM Endorsed Diploma**
Mathematics of Social Issues	02209G05012 02209G05022	Upon successful completion of this course, students will understand the multiple facets of mathematics that they are likely to encounter in their lives. Topics will include: collecting and organizing data, making inferences based on data, applying algebraic models to extrapolate data, and using probabilities to make predictions. All of these topics will be studied through current social issues. Examples include genocide, population growth, predatory lending, racial profiling, and increasing college tuition. ****This course may be applied towards a STEM Endorsed Diploma**
Science		
Course Title	**Course Code**	**Course Description**
Earth Science	03001G05012 03001G05022	Earth Science offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.
Geology	03002G05011	Geology provides an in-depth study of forces that formed and continue to affect the earth's surface. Earthquakes, volcanoes, and erosion are examples of topics that are presented.
Environmental Science	03003G05012 03003G05022	Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.
Astronomy	03004G05012 03004G05022	Astronomy offers students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomical instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.

Marine Science	03005G05012 03005G05022	Marine Science focuses on the content, features, and possibilities of the earth's oceans. They explore marine organisms, conditions, and ecology and sometimes cover marine mining, farming, and exploration.
Biology	03051G05012 03051G05022	Biology is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.
Anatomy & Physiology	03053G05012 03053G05022	Anatomy and Physiology provides a deeper exploration of the human body and biological systems in greater detail. Students expand their knowledge of the body and terminology/phonetic pronunciations used to describe and locate body parts as well as an overall review of human development and body processes. This course includes infection control and standard precautions, which emphasizes the importance of maintaining health and safety in the healthcare work environment, additionally, it highlights the latest practices and protocols.
Genetics	03059G05012 03059G05022	Genetics provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules, and dominant and recessive inheritance and may also include lethal alleles, epistasis and hypostasis, and polygenic inheritance.
Marine Biology	03063G05012 03063G05022	A Marine Biology course is a laboratory-based exploration of the oceans and the marine ecosystems found in them. They explore the biology of marine organisms, topography, chemistry, diversity and resources found in the ocean.
Chemistry	03101G05012 03101G05022	Chemistry involves studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.
Physics	03151G05012 03151G05022	Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.
Integrated Science I	03201G05012 03201G05022	Integrated Science I is a lab-based course that draws upon the principles of a variety of scientific specialties—earth science, biology, chemistry, and physics—and organizes the material around thematic integrated problem/project based units of study. There will be a strong emphasis on the Jeffco Generation Skills as well as science and engineering practices such as collaboration, creative/critical thinking, inquiry, experimental design, data analysis, and scientific reasoning. Integrated

		science I prepares and empowers students to make decisions about, and be successful with, their future scientific studies and/or career options.
Integrated Science II	03201G05032 03201G05042	Integrated Science II is a lab-based course that builds upon the concepts introduced through Integrated Science I. It draws upon the principles of a variety of scientific specialties—earth science, biology, chemistry, and physics—and organizes the material around thematic integrated problem/project based units of study. Students will be expected to apply the Jeffco Generations Skills and science and engineering practices that were introduced in Integrated Science I such as collaboration, creative/critical thinking, inquiry, experimental design, data analysis, and scientific reasoning . Integrated Science II prepares students to engage in more advanced scientific studies aligned to their future academic and career options.
Social Studies		
Course Title	**Course Code**	**Course Description**
World Geography	04001G05011	World Geography is a semester-long course focused on the relationships among people, places, and environments that result in geographic patterns on the earth and examines the basic concepts and processes that shape human geography. Global and local patterns of population, migration, environmental resources, globalization, as well as cooperation and conflict are surveyed and the factors influencing these patterns are discussed. Students will use geographic tools as well as primary and secondary resources to analyze Earth's human systems and physical features to investigate and evaluate relationships between them.
Modern World History	04053G05012 04053G05022	World History is a year-long course that provides students with an understanding of key concepts of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas throughout the world from the Renaissance to the present. Students will use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence. Following Colorado statute (C.R.S. 22-1-104.7); this course will include Holocaust and Genocide studies including the Armenian Genocide.
Modern U.S. History	04103G05012 04103G05022	Modern U.S. History is a year-long course that provides students with an understanding of key concepts of continuity and change, cause and effect, complexity, unity and diversity, and significant ideas in the United States from Reconstruction to the present. Students will use the historical method of inquiry to formulate compelling questions, evaluate primary and secondary sources, analyze and interpret data, and argue for an interpretation defended by textual evidence. Following Colorado statute (C.R.S. 22-1-104.a); this course will include the history, culture, and social contributions of American minorities.

U.S. Government and Civics	04151G05011	U.S. Government and Civics is a semester-long course focused on purposes, roles, and limitations of the structures and functions of government as well as the role of civic participation on behalf of citizens. Students will analyze the role of founding principles and documents as they have and continue to apply to the functioning of U.S. government. Additionally, students will research and formulate positions on local, state, and national issues or policies to participate in a civil society including identifying the appropriate level of government to address specific concerns and exploring the role of individuals in influencing policy such as contacting elected officials, participation in civic organizations, and voting. Following Colorado statute (C.R.S. 22-1-104.a); this course meets the State graduation requirement.
Economics	04201G05011	Economics is a semester-long course in which students will receive an overview of economics as well as personal financial literacy. The overview of economics will address principles of both microeconomics and macroeconomics including topics such as economic systems, market structures, government policies, and globalization and international trade. Personal financial literacy will include learning about individual earning capability, personal investment objectives, consumer skills, and financial risk management strategies. Following Colorado statute (C.R.S. 22-32-135); this course will include content relating to how to assess the affordability of and budget for different options for obtaining a postsecondary degree or credential and how to pay for higher education.

CTE & Pathway Offerings		
Business & Marketing CTE Pathway		
Business Pathway: ESB Certification		***In order to be eligible for ESB certification within the Business Pathway, students should take the following sequence of 6 courses***
Course Title	**Course Code**	**Course Description**
Intro to Entrepreneurship A Level 4 Course		ESB 1: Foundational Concepts of Entrepreneurship - Discover a range of pathways to business ownership, the risks and rewards, and the strengths and skills required to make any of them happen; understand stages of the business life cycle; learn to recognize busness opportunity; differentiate among the range of legal structures for a business; understand roles & responsibilities in a business; learn to protect and respect (yours and others') intellectual property.
Intro to Entrepreneurship B Level 4 Course		ESB 2: Funding & Finance for Entrepreneurs - Explore funding options; discover the elements & contexts of a lean canvas, pitch deck, and business plan; understand compensation structures; interpret financial statements; calculate pricing, ROI, customer acquisition/retention costs, growth rate, cash flow,

		and other key measurements of success in business.
Entrepreneurship A Level 4 Course		ESB 3: Marketing & Sales in Entrepreneurship - Develop a marketing plan; perform market research, perform a SWOT analysis; understand target market, value proposition, the marketing mix, the stages of the sales process, sales channels and strategies, marketing methods and platforms, and the use of intellectual property.
Entrepreneurship B Level 4 Course		ESB 4: Delivering the Goods as an Entrepreneur - Follow the design thinking process to design and test a product that solves a problem; create a minimum viable product; write a product/market fit hypothesis; explore elements of the supply chain, production process, quality assurance, distribution, and logistics.
Business & Marketing Capstone A Level 4 Course		ESB 5: Certification Prep - Review material through a variety of methods, including gamification; learn study techniques and memory improvement strategies
Business & Marketing Capstone B Level 4 Course		ESB 6: Certification Testing - Practice testing strategies; take practice tests; engage in self-directed learning based on results from practice tests; take certification exam (and one retake, if necessary).
Alternative Ts Elective		***These courses are open to any student without any prerequisites***
Course Title	**Course Code**	**Course Description**
School-Based Operation/ Management A/B/C/D Level 4 Courses		Alternative T's (DECA) - This course covers all facets of running a graphic t-shirt production shop. Over the course of the year, activities will include: reviewing the store's business plan, pricing, policies and procedures; marketing our services to students and groups at school and beyond; practicing basic principles of graphic design and other pre production skills; applying an understanding of textiles and transfer processes in the production of custom and small-group t-shirt orders; contributing to the written manual for DECA's SBE Gold Certification, the achievement of which leads to an invitation to their international conference in the spring.
Business Electives		***Students are encouraged to take these courses as part of the Business pathway. It is recommended that students take 2-3 classes at different levels.***
Course Title	**Course Code**	**Course Description**
Intro to Business A Level 1 Course		Making Your Way in the World - This course provides guidance in career development and personal finance while surveying the career clusters from the Career Clusters Framework and exploring common business functions, such as marketing & sales, finance & accounting, operations and human resources.
Intro to Business B Level 1 Course		Making The World A Better Place - This course asks the questions: How does bad behavior in business affect you? What protections do you have when things go wrong? What

		power do you have to change the things that you don't like? To answer those questions, we will explore the role of business in society, the notion of consumer sovereignty, the evolution of business ethics, the goals of corporate social responsibility, and what you can do to make the world more like the way you want it to be.
Business Communications A Level 3 Course		How to Get The Job You Want - This course teaches the psychology of communication and strategic communication to help you get the job you want. Develop a resume and cover letter; Practice customizing resume and cover letter for ATS's; Use digital etiquette in emails, texts, and calendar invites; Practice networking and interviewing skills; Learn to make better use of the PC applications required to complete these tasks.
Business Communications B Level 3 Course		How to Get the Answers You Want - This course teaches the psychology of communication and strategic communication to help you get what you want out of work and life. Practice using strategic communication in a range of formats, including a complaint letter, apology letter, good news, bad news, marketing materials, public relations, and crisis management. Learn to make better use of the PC applications required to complete these tasks.
Social Media for Business A Level 3 Course		Social Media Branding Basics - This course explores the connections between business and personal branding while providing a comparative survey of traditional and digital marketing principles and best practices. Analyze a company or celebrity's brand identity. marketing mix, and social media presence; Create a brand identity statement, mood board, and style guide for yourself; Review scope of Facebook Certification course and research careers in social media management.
Social Media for Business B Level 3 Course		Social Media Branding Strategies - This course explores the connection between business and personal branding while teaching students how to effectively develop, execute, and analyze a social media marketing plan. Analyze the niche markets, advantages, and disadvantages of today's top social media platforms; Use research and appropriate metrics to determine the success of case study test subjects. Review scope of Facebook Certification course and research careers in social media management.
Construction CTE Pathway		
Course Title	**Course Code**	**Course Description**
Principles of Construction	17001G02511	Principles of Construction is a foundational course in the Architecture & Construction cluster covering essential knowledge, skills, and concepts required for careers in construction. Upon completion of this course, proficient students will be able to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will be able to employ tools safely and

		interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials.
Construction Technology 1	17002G02512	Construction Technology I is the foundation course to basic residential construction. Students will demonstrate competencies that are nationally recognized by the construction industry. Students will learn and practice structural framing of floors, walls, ceilings, and roofs. This course also includes the use of basic construction tools and machinery, applied math, and an introduction to blueprint reading. This course teaches students industry safety including the use of all machines and tools.
Construction Systems 1	17002G02522	Students in Construction Systems I will learn about various facets of construction in both a classroom and hands-on setting. This program of study is intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the earlier phases of building construction, including site layout, foundation systems, framing systems, and electrical systems.
WBL Construction	17048G02511	The Work-based Learning (WBL) experience allows for the application of the Knowledge, Skills, and Abilities that are delivered through the coursework of the Program of Study (POS). Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education. 100 hours of internships is equivalent to .5 elective credit. Work-based Learning must follow Board Policy.
FACS / JCAAP - CTE Electives		
Course Title	**Course Code**	**Course Description**
Child & Adolescent Development A (FACS)	19255G05011	Infant Development: The purpose of Infant Development is to acquire knowledge and understanding of infant development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development.
Child & Adolescent Development B (FACS)	19255G05011	Toddler Development: The purpose of Toddler Development is to acquire knowledge and understanding of toddler development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development.
Child & Adolescent Development C	19255G05011	Family Living & Parenting: The purpose of this course is to analyze strategies that promote growth and development,

(FACS)		evaluate parenting practices, and prepare for independent family living through exploring budgeting, co-parenting, and healthy relationships.
Culinary Essentials 1	16054G05012	Culinary Essentials 1 is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning, nutrition, and food borne illnesses. Students will be able to: Demonstrate the correct procedures' and techniques in introductory culinary labs. Analyze nutritional guidelines and plan menus that are nutritionally balanced. Demonstrate food safety standards.
Culinary Essentials 2	16054G05022	Culinary Essentials 2 is an intermediate culinary course designed for students interested in exploring culinary careers, and to advance them to the next level of food preparation. The students will have the opportunity to prepare menu items that involve more detailed procedures, and practice techniques used in the culinary field. They will: Classify pasta types and create fresh pasta dishes. Prepare and evaluate nutritional value of various types of meats. Select herbs and spices to enhance flavors of foods. Apply techniques used in cake and cookie decorating. Develop skills in preparing advanced yeast breads and pastries. Identify the origins and prepare foods from different regions and cultures. Emphasize presentation throughout the course.
Culinary Nutrition	19252G05011	The purpose of Culinary Nutrition is to develop lifelong, healthy individuals with an understanding of healthy and nutritious preparation techniques utilizing various resources and skills. Emphasis is placed on implementing healthy nutritional choices, preparing nutrition, exploring careers related to culinary nutrition, and practicing wise consumer decisions.
Career Pathways	22152G05031	Career Pathways is designed to identify career interest areas based on a student's goals, individual skills, and aptitudes. Students will investigate interests, abilities and goals through various projects, and career testing procedures. Students will develop a usable education and career portfolio containing items necessary for post-secondary education and job search, interact with professionals who work in various career areas through career panels, a job shadow and a mock interview.
Food Science 1	19252G05012	Food Science 1 is a beginning level course which covers a variety of scientific as well as food preparation principles. Units include but are not limited to: career paths, safety and

		sanitation, food preparation, basic nutrition, and food/product innovation and development. These will be explored through academic text as well as hands on food preparation labs.
Outdoor Education - Non-CTE Electives		
Course Title	**Course Code**	**Course Description**
Geology	03002G05011	Geology provides an in-depth study of forces that formed and continue to affect the earth's surface. Earthquakes, volcanoes, and erosion are examples of topics that are presented. Science courses are required to follow 2020 Colorado Academic Standards which ensure equal emphasis on Science and Engineering Practices, Cross Cutting concepts , and Disciplinary Core Ideas. Students will experience an anchored inquiry model of instruction.
Lifetime Fitness Education	08016G05012 08016G05022	Lifetime Fitness has two components; classroom learning as well as exercise geared for lifetime physical fitness. In the classroom, students acquire the skills, habits and knowledge necessary for lifelong fitness. Topics include the Physical Activity Pyramid, principles of physical fitness and self-management skills. During the exercise component, students will engage in regular physical activity, as well as create and carry out a personalized fitness plan.
Physical Education	08001G05012 08001G05022	Physical Education provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities. Students develop a personalized fitness plan which includes principles of nutrition.

Electives
Elective offerings are determined by student interest and staffing. Please note that McLain is not able to offer the same range of electives as students at a comprehensive high school. Students will select their elective preferences at orientation. If a student would like to request a different elective than what is on their schedule, they will need to contact their counselor. Schedule changes are not guaranteed. Course offerings include art, physical education, and general electives.

On the Job Experience
On-the-Job Experience is designed for the student who is already employed or seeking employment in an entry level position. Students who are interested in OJE elective credit should see their counselor or the career coordinator for requirements.

Warren Tech
McLain students are able to access courses at Warren Tech. Warren Tech's program offerings can be found at this link: https://warrentech.jeffcopublicschools.org/learning/career-technical-education