

Course Name	Subject	Description
Marine Biology	Science	In this course, students will learn about the physical structure and chemistry of the ocean, the diversity of ocean life, marine ecology, and the scope and impact of human interactions with the oceans. Laboratory activities reinforce concepts and principles presented.
Environmental Science	Science	Environmental Science explores the natural world from an ecological and human point of view. Topics covered include types of ecosystems, non-living and living components of ecosystems (including plants, animals, bacteria, fungi, and single-celled organisms), interactions between the non-living and living components, population studies, and animal behavior. In addition, this course also examines discussions on environmental law, economics, ethics, and how humans are impacting the natural world. Lab investigations, field studies, and research projects are undertaken to examine each topic.
Outdoor Fitness	PE (Hybrid)	This course is designed to accommodate the needs of those students who have a restricted schedule. The class will be taught outside the traditional school day, after school, and on weekends. Students will have the opportunity to learn and be involved in outdoor lifelong fitness activities. These activities include strength training, hiking, mountain biking, backpacking, camping, snowshoeing, fishing, and rafting. The student needs to be highly motivated towards outdoor adventure activities.
Fit, Hike & Walk	PE (Hybrid)	This course will develop students' aerobic fitness thorough analysis and practice of walking and hiking at the appropriate intensity and duration. Pre and post-course fitness levels will be assessed. Self-monitoring of the appropriate individualized intensity, frequency and duration of walking will be stressed utilizing a training journal in conjunction with class participation. Emphasis will be placed on stretching, conditioning exercises, proper clothing, injury prevention, and proper hiking etiquette.
Sports Training	PE (Hybrid)	This class is designed to create special weights and fitness programs for students in a sport or athletic activity, both in-season and out-of-season. The class is fitness intensive and designed for students who desire vigorous cardiovascular exercise and strength training.
Global Health	PE	Global Health and Wellness can meet the graduation requirement for Academy District 20. This class is designed for transfer students that need to meet the District 20 health requirement. In this class, students will research current health related issues in our society. This class uses the internet as its medium and is project-based.
Intro to PE	PE	This is a recommended freshman class in which the student will assess personal fitness status in terms of cardiovascular endurance, muscular strength and endurance, and flexibility. Students will be introduced to various team and aquatic (where facilities are available) activities on the introductory level.
Geometry	Math	Topics consisting of Pythagorean Theorem, congruence and similarity will be further developed. Students will prove geometric theorems involving similarity, transformation, and congruence of two-dimensional and three-dimensional figures using inductive and deductive reasoning and constructions. Students will solve problems and model real-world situations involving two-dimensional and three-dimensional figures, trigonometric ratios, probability, and Personal Financial Literacy.
Accounting 1	Math or Business	Whether college-bound or going directly into the business world, this course is for anyone interested in learning the "language of business." Students will perform manual as well as computerized accounting activities. Topics may include transaction analysis, worksheet and financial statement preparation, accounting for sole proprietorships, partnerships and corporations, special journals, and payroll systems.
ACT/SAT Math Review	Math	Designed to be taken the semester before attempting the ACT or SAT, this course will review elements of the mathematical concepts and skills that are part the ACT or SAT standardized tests. While not directly providing direct practice with test-taking skills, this course will provide lessons, reviews, and practice problems as one part of the process students may use in preparation to take these tests.

US History	Social Studies	US History/Geography is a survey course of US History from the pre-colonial period to the present. The course is designed to develop an understanding of the birth and growth of the US to include people of varied backgrounds. Emphasis is placed on the cause and effect of relationships found throughout our nation's history and geographical development as well as relationships between history and politics/economics.
Sociology	Social Studies	Sociology studies the basic components of society. Topics covered include culture, conformity and adaptation, family, cultural diversity, social movements, racial and ethnic relations, and deviance and social control. Small and large groups discussions are emphasized as are reading comprehension and writing skills.
Psychology	Social Studies	Psychology studies the basic psychological theories and how they are applied. Possible topics of this survey course include neurobiology, sensation and perception, development, learning, memory, disorders and treatment, and social psychology. Discussion is an integral part of this class and students are expected to share ideas and be respectful of others' beliefs and opinions.
Personal Finance	Social Studies	This course surveys the basic personal financial needs and emphasizes the basics of budgeting, saving, checking, investments, credit, the wise use of insurance, and paying and preparing income tax returns.
Civics	Social Studies	Civics and Law provides a basic understanding of the design and operation of federal, state, and local governments. Relationships between the citizen and the government are explored, and the student develops an understanding of the significant role of the citizen in American democracy. The students become familiar with the American legal system and their rights and responsibilities as citizens.
Colorado History	Social Studies	This course is designed to offer the learner an opportunity to better understand Colorado's history and diverse geography. Learners will study and develop an appreciation for Colorado's pre-history, Native Americans, frontier life, settlers, politics, and a variety of peoples who inhabit this beautiful state. The learner will be expected to know Colorado's physical geography including its mountains, plains, valleys, plateaus, mesas, and rivers. The learner will be able to explain and understand Colorado's economic base and diversification. The learner will come to know the many people who have contributed to the state's and nation's history. The learner will be able to identify Colorado's towns and cities and analyze the challenges facing Colorado today and in the future.
ACT/SAT English Review	ELA	Designed to be taken the semester before attempting the ACT or SAT, this course will reinforce the elements of the reading and writing concepts and extend skills that are assessed on the ACT and/or SAT standardized tests.
Creative Writing 1	ELA	In this course, students will explore many writing genres. The goal of the course is to help students identify quality writing and to realize the importance of accurately observing and interpreting their surroundings.
Science Fiction 1	ELA	This course explores the history of science fiction through a variety of sources. Students will be required to produce appropriate written analyses.
Mythology	ELA	Students will study connections between classical myths and myths of modern culture.
College/Career Prep	CTE	This course teaches valuable career exploration, college preparation, and life skills. Students will research appropriate career and college programs, determine costs, create a personal resume, write an admissions essay, apply for college admissions, and complete scholarship searches. The class includes significant lab time for students to complete the college admissions process and activities. The course may also include employment readiness simulations.
Computer Apps 1	CTE	This course provides students with computer skills needed for completing many daily business and personal tasks. The course covers proper keyboarding technique to ensure speed and accuracy, the proper formatting of business letters, reports, tables, and memos. Additional topics may include speech recognition, numeric keypad, and basic Microsoft Word.