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## Agricultural Education

### INTRODUCTION TO AGRICULTURE

<b>CLASS NUMBER</b>	AGR101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9 (10 with teacher approval)	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	15.00/year	<b>CREDIT AREA</b>	Career and Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	FFA enrollment is required of all students

Designed for students who are interested in agribusiness, production agriculture, ag sales and services, ag marketing, ag mechanics, ag science, and ag finance. Emphasis will be placed on exploring careers available in agriculture, animal science, plant science, and skill development in ag mechanics. Leadership development is included in the FFA program. Students will begin a supervised agricultural experience program in the area of their choice. This is a full year course and FFA enrollment is required of all students.

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### ADVANCED WELDING TECHNOLOGY/AG LEADERSHIP

<b>CLASS NUMBER</b>	AGR201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	10.00/year	<b>CREDIT AREA</b>	Career and Technical Education
<b>PREREQUISITES</b>	Introduction to Agriculture	<b>NOTES</b>	FFA enrollments is required of all students

Designed to further the student's knowledge of agriculture. This course is a continuation of the leadership skills and training from Introduction to Agriculture. This course will be split into two areas of study: agriculture leadership and agriculture welding. Students in this course will be introduced to team work, Parliamentary Procedure, decision making, critical thinking, duties as a citizen as well as the basic and advanced skills in welding and cutting. Positions welding with shielding metal arc, metal inert gas welding, oxy-gas, and plasma arc cutting will be introduced to each student. This course is a prerequisite for all junior and senior level classes. This is a full year course and FFA enrollment is required of all students. Students will be expected to implement a supervised agriculture experience and keep records on a provided online application.

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# Valley High School 2022-2023 Course Description

## **PRINCIPLES OF NATURAL RESOURCE MANAGEMENT/ PRINCIPLES OF ANIMAL AND VET SCIENCE**

<b>CLASS NUMBER</b>	AGR210/211	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Science/CTE
<b>PREREQUISITES</b>	Introduction to Agriculture	<b>NOTES</b>	FFA enrollment is required of all students

This course is an introduction to the following topics in ecology and biology: biochemistry, molecular biology (with a cellular approach), natural resources, genetics, and plant and animal physiology. Students will see how biology relates to the field of agriculture and production of animals and plants. All Colorado Standards for a lab-based Biology will be met- this course fulfills the Biology requirement for graduation. This course DOES NOT count as a student's sole agriculture class. Students enrolled must be currently enrolled in another year long agriculture class. This is a full year course.

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## **METAL FABRICATION/PLUMBING AND ELECTRICAL INSTALLATION**

<b>CLASS NUMBER</b>	AGR301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	15.00/year	<b>CREDIT AREA</b>	Career and Technical Education
<b>PREREQUISITES</b>	Introduction to Agriculture, Advanced Welding Technology/Ag Leadership	<b>NOTES</b>	FFA enrolled is required of all students

A full class year, these courses are the application of common mechanical skills to the industry of agriculture. Areas of study include: careers, safety, arc welding, oxyacetylene welding, cutting, MIG welding, electrical circuits, plumbing, and small group projects. FFA leadership skills and opportunities will continue and the supervised agricultural experience program is strengthened. This is a full year course.

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# Valley High School 2022-2023 Course Description

## PRINCIPLES OF HORTICULTURAL SCIENCE/GREENHOUSE PRODUCTION

<b>CLASS NUMBER</b>	AGR341/342	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	10.00/year	<b>CREDIT AREA</b>	Career and Technical Education
<b>PREREQUISITES</b>	Introduction to Agriculture, Advanced Welding Technology/Ag Leadership	<b>NOTES</b>	FFA enrollment is required of all students

Greenhouse production is the application of common green industry practices focusing on agricultural principles for the production, design, and marketing of vegetables, annuals, perennials and herbs in an industrial greenhouse facility. Areas of study include greenhouse facility design and operation, germination, transplanting, marketing and production. Students will be required to work in the greenhouse in a hands-on learning facility working daily to run and maintain a commercial greenhouse. Students will learn to operate and produce common bedding plants and vegetables found in the greenhouse industry. This is a full year course and FFA leadership skills and opportunities will continue and the supervised agricultural experience program will be strengthened.

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## PRINCIPLES OF FOOD PRODUCTION/CROP PRODUCTION AND MANAGEMENT

<b>CLASS NUMBER</b>	AGR321/322	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	10.00/semester	<b>CREDIT AREA</b>	Career and Technical Education
<b>PREREQUISITES</b>	Introduction to Agriculture, Advanced Welding Technology/Ag Leadership	<b>NOTES</b>	FFA enrollment is required of all students.

Students enrolled in these courses will learn a wide variety of content throughout the fall and spring semesters. In Principles of Food Production, students will learn about the role food plays in our lives, careers, canning, preservation, dehydration, food safety, food product development, and more. In Principles of Crop Production and Management, students will learn about plant physiology, pests and disease identification, soil and water conservation, handling and storing, and harvest. FFA leadership skills and opportunities will continue and the supervised experience program is strengthened. This is a full year course.

Through tech prep initiative, students may receive advanced placement at Colorado post secondary institutions by passing a placement test upon completion of this course.

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# Valley High School 2022-2023 Course Description

## **AGRICULTURAL COOPERATIVE WORK EXPERIENCE (AG COOP)**

<b>CLASS NUMBER</b>	AGR111/112	<b>CLASS LENGTH</b>	1 or 2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5 or 1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skill/Fine Arts
<b>PREREQUISITES</b>	Enrollment in an ag class & teacher approval	<b>NOTES</b>	FFA enrollment is required of all students

This course is designed for advanced agricultural education students conducting exemplary placement in their supervised agricultural experience program (SAE). Prior history of excellence in the supervised agricultural experience program is a prerequisite for enrollment in this course. Ag Ed instructor's approve enrollment. This course may only be taken by current agriculture students who are also enrolled in another year long agriculture class

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# Valley High School 2022-2023 Course Description

## ART

### ART I

<b>CLASS NUMBER</b>	ART101/102	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$10.00	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

Introduction to art disciplines, ideas, and techniques, students creativity, effort, and understanding of presented material will be the focus. Units will cover drawing, painting, 3D and history with activities, projects, and lectures.

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### DRAWING

<b>CLASS NUMBER</b>	ART124	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$10.00	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This studio course is a one semester elective offered to students who have a desire to learn the fundamental skills of drawing from reality; the course is highly recommended for the student who plans to take AP Studio Art, other art electives and those who plan to pursue any visual art pathway.

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### GRAPHIC DESIGN

<b>CLASS NUMBER</b>	ART121/122	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

An introduction to the materials and processes used in graphic design. Graphic Art I includes projects involving lettering styles, layout designs, illustration, logo and package design photo editing, career information, and an introduction to computer graphics. Student will develop and showcase their ability to communicate ideas through this media.

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# Valley High School 2022-2023 Course Description

## CERAMICS

<b>CLASS NUMBER</b>	ART131/132	<b>CLASS LENGTH</b>	1 or 2 semester(s)
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$20.00	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	Class size is limited to <u>12</u> students

A course devoted to working with clay. This course will include hand building techniques as well as wheel throwing. Students will create functional work such as: cups/mugs, plates, bowl, pitchers, as well as decorative/sculptural work.

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## MIXED MEDIA

<b>CLASS NUMBER</b>	ART125	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$10 /semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	NONE	<b>NOTES</b>	

This course is designed to explore the unlimited possibilities of creating artwork that combines traditional materials (pencil, paint, charcoal etc.) with contemporary processes (digital images, photoshop, ink-jet transfers etc.) in one classroom setting. Students will focus on work that addresses technical issues such as texture and multiple-layers and the process of discovery and evolution that happens when multiple materials are joined together. Students will be encouraged to seek out ideas and visual inspiration from their own life experiences and the larger world as source material for their work.

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## ART HISTORY

<b>CLASS NUMBER</b>	ART133	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	NONE	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	NONE	<b>NOTES</b>	

This course focuses on developing an appreciation for art through the study of paintings, sculpture and architecture throughout time. Students will spend class time discussing and analyzing, rather than creating art. Content also includes projects, Internet research, films, group work and field trips when possible.

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# Valley High School 2022-2023 Course Description

## ILLUSTRATION

<b>CLASS NUMBER</b>	ART134	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	9.10. 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$10 /semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	NONE	<b>NOTES</b>	**PREVIOUS ART ENCOURAGED**

This course introduces students to illustrating for major areas of the commercial illustration marketplace. Students will be encouraged to develop illustrative skills that can be applied to design. Through creative problem solving and research, students will learn to develop and refine imagery for specific audiences.

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## AP ART 2D Studio

<b>CLASS NUMBER</b>	APART301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11-12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$20/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Art I & II & III	<b>NOTES</b>	Independent Study

The AP Studio Art 2D Design portfolio requires students to produce a minimum of 24 works of art that reflect issues related to 2D design. These works may include traditional as well as experimental approaches. Drawing, painting, printmaking, mixed media, and collage are all appropriate means for expressing design principles. Students will show high quality, college level work, and will prepare their work to be critiqued by being gallery ready. Work will show mastery of all stages of art production, concepts, composition, and execution.

Students will expand their skills (i.e. painting or charcoal technique) and advance their visual communication skills (i.e. design principles) by exploring a variety of design, compositional and aesthetic concepts including but not limited to Drawing, Painting, Graphic Design, and Printmaking. Students are encouraged to share ideas through formal and informal group critiques and self critique with the understanding that genuineness in critique is critical. The end goal for the student is to create their best work. Fear of failure or quitting is contrary to the end goal. Students develop mastery in concept composition and execution as they develop their portfolios.

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## **BUSINESS EDUCATION & TECHNOLOGY**

### **INTRODUCTION TO PC APPLICATIONS**

<b>CLASS NUMBER</b>	BUS101	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	
<b>Level</b>	1	<b>Alternative/Past Name</b>	Computer Applications I

Intro to PC Applications is designed to cover the basics in a single course. This class will acquaint you with Microsoft Office Applications: Word (word processing) and Excel (spreadsheet). Students will also complete a resume and cover letter as well as explore creating your own graphics. FBLA leadership skills will be integrated into the class.

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### **GRAPHIC DESIGN IN BUSINESS**

<b>CLASS NUMBER</b>	BUS102	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Career and Technical Education
<b>PREREQUISITES</b>	Introduction to PC Applications	<b>NOTES</b>	
<b>Level</b>	3	<b>Alternative/Past Name</b>	Tech Media

This course is designed to give the student an opportunity to learn technology applications used in multimedia arts. Students will learn to create, edit, and format all business forms including: newsletters, flyers, brochures, reports, advertising materials and other publications. Students will also have the opportunity to work with images, sound, and presentation programs. FBLA leadership skills will be integrated into the class. Ideally this class should be taken in the same year as Intro to PC Applications.

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# Valley High School 2022-2023 Course Description

## ADOBE PHOTOSHOP 1

<b>Class Number</b>	BUS212	<b>Class Length</b>	1 semester
<b>Grade Level</b>	10, 11, 12	<b>Credit</b>	0.5
<b>Class Fees</b>	\$5.00	<b>Credit Area</b>	Career & Technical Education
<b>Prerequisites</b>	Intro to PC Applications	<b>Notes</b>	*potential to obtain industry certification
<b>Level</b>	3	<b>Alternate Name</b>	

Concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics and videos. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop. You have the potential to obtain industry certification. FBLA leadership skills will be integrated into the class.

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## INTRODUCTION TO BUSINESS

<b>CLASS NUMBER</b>	BUS211	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	
<b>Level</b>	1		

This class introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. Students will understand basic business terminology and the class will cover business operations, small-business management, business fundamentals, marketing, career planning, social responsibility and ethics, basic economics, technology, soft skills, risk management, and consumer decision-making. FBLA leadership skills will be integrated into the class.

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# Valley High School 2022-2023 Course Description

## PRINCIPLES OF MARKETING

<b>CLASS NUMBER</b>	BUS311	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	.0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	
<b>Level</b>	2		

Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer. In addition, communication, interpersonal, leadership and technology skills will be developed, as well as employability and career development strategies. Students will learn through a project- based atmosphere where they will learn the concepts and apply to real-world situations. FBLA leadership skills will be integrated into the class.

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## PRINCIPLES OF MANAGEMENT

<b>CLASS NUMBER</b>	BUS312	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	none	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	
<b>Level</b>	3		

Provides an overview of the principles of management. Emphasis is on the primary functions of planning, organizing, staffing, leading and controlling with a balance between the behavioral and operational approaches. Areas to be examined include business organization, ethical and legal responsibilities, communication, decision-making, personnel, professional development and related careers. By gaining an understanding of these areas, students will be better prepared to enhance the business decisions of tomorrow. FBLA leadership skills will be integrated into the class.

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# Valley High School 2022-2023 Course Description

## BUSINESS CAREERS

<b>CLASS NUMBER</b>	BUS202/203	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	-ICAP Components
<b>Level</b>	3		

This class is a student's guide to work-based learning. They will discover new paths to success in today's workplace. The class is designed to help each student complete a successful work-based learning experience. The format of the class is based on your participation and communication. With the involvement of the Job-Shadow experience and the ability to have a mock interview each student will learn more about themselves. FBLA leadership skills will be integrated into the class.

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## SOCIAL MEDIA FOR BUSINESS

<b>CLASS NUMBER</b>	BUS402	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>		<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	Principles of Marketing	<b>NOTES</b>	
<b>Level</b>	3		

Teaches students how to use social media as a business strategy and covers how to match that strategy with the goals of the business. This course addresses current trends, ethics, regulations, legal challenges, strategy, content development, and change management. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals. FBLA leadership skills will be integrated into the class.

# Valley High School 2022-2023 Course Description

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## ETHICAL LEADERSHIP

<b>CLASS NUMBER</b>	BUS401	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9,10, 11, 12	<b>CREDIT</b>	0.5
<b>FEE</b>		<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	
<b>Level</b>	1		

Ethical Leadership is a principles-based ethics course introducing students to key leadership and ethical knowledge and skills, including integrity, trust, accountability, transparency, fairness, respect, rule of law, and viability. Throughout the course, students apply ethical principles to contemporary, real-world situations that teens and young adults often encounter in school, at home, with friends, and in entry-level job positions. They examine the concept of ethical leadership and strengthen their leadership and ethical decision-making skills through the planning, implementation, and evaluation of a class service-learning project. FBLA leadership skills will be integrated into the class.

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# Valley High School 2022-2023 Course Description

## ENTREPRENEURSHIP

<b>CLASS NUMBER</b>	BUS331	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>		<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	Students need at least two previously taken business classes.	<b>NOTES</b>	*Capstone project
<b>Level</b>	4		

Students in this course will demonstrate the culmination of learning within the business program. During this course, students will demonstrate their understanding of business and management in a variety of simulated scenarios applying theories, concepts, and problem-solving. Students will complete a capstone project which will demonstrate their understanding of fundamental business concepts including Accounting, Business Law, Ethics, Entrepreneurship, Computer Information Systems, Finance, Human Resources, Management, Marketing, Operations, Project Management, Risk Management, and Strategic Planning. The course covers the major aspects of small business management to enable the entrepreneur to successfully start a business. FBLA leadership skills will be integrated into the class.

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# Valley High School 2022-2023 Course Description

## ACCOUNTING-Aims 101

<b>CLASS NUMBER</b>	AIMS101	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$20.00	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	This can be taken as a college credit.  *Capstone project
<b>Level</b>	2	<b>Alternate Name</b>	Fundamentals of Accounting

Accounting teaches students to analyze business transactions, to understand the principles of double-entry accounting, to make correct and neat entries, to know the accounting cycle, to know the general system of taxation. The students will complete a minimum of one practice set. Automated accounting will also be introduced and computer problems will be completed. FBLA leadership skills will be integrated into the class.

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## BUSINESS LEADERSHIP I, II, III, IV

<b>CLASS NUMBER</b>	BUS421/422	<b>CLASS LENGTH</b>	1-8 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5-2.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	*Teacher approval	<b>NOTES</b>	*Must be in FBLA  *Capstone project
<b>Level</b>	4	<b>State names</b>	Leadership & Project Management in Action

Students will have the opportunity to further their knowledge of leadership skills. Students will learn employability, management, and leadership skills. Students will also advance their knowledge of various computer applications. FBLA leadership skills will be integrated into the class.

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# Valley High School 2022-2023 Course Description

## PERSONAL FINANCE

<b>Class Number</b>	BUS130/131	<b>Class Length</b>	1 semester
<b>Grade Level</b>	9, 10, 11, 12	<b>Credit</b>	0.5
<b>Class Fees</b>		<b>Credit Area</b>	Career & Technical Education
<b>Prerequisites</b>	None	<b>Notes</b>	
<b>Level</b>	1	<b>Alternate Name</b>	

Surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes. FBLA leadership skills will be integrated into the class.

## COOPERATIVE BUSINESS

<b>CLASS NUMBER</b>	BUS411	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$5.00/sem	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	Teacher approval and completion of one of the business strands	<b>NOTES</b>	<p>Must be taken in conjunction with the cooperative work experience.</p> <p>*Capstone project</p> <p>*potential to obtain industry certification</p>
<b>Level</b>	4	<b>State Name</b>	Corporate Ethics & Social Responsibility

This class will provide related class instruction for those students who are working through a cooperative work experience program related to their chosen business strand. The course will be individualized to fit each student's work situation. Any instruction necessary to aid the student in their work experience will be emphasized. FBLA leadership skills will be integrated into the class.

# Valley High School 2022-2023 Course Description

## WBL - Business

<b>CLASS NUMBER</b>	BUS450/500	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Career & Technical Education
<b>PREREQUISITES</b>	Teacher approval and completion of one of the business strands.	<b>NOTES</b>	<u>Application required.</u> Must be taken in conjunction with the cooperative business class.
<b>Level</b>	4	<b>Alternative Name</b>	<u>Coop Work (WBL-Business)</u>

This is the capstone phase of all the business strands. Students will have the opportunity to be placed in a work/study situation that will enable them to use skills they have acquired through their previous learning in business education. The cooperative business class must be taken in conjunction with this work experience. FBLA leadership skills will be integrated into the class.

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# Valley High School 2022-2023 Course Description

## CAPSTONE IN CTE (BUSINESS ADMINISTRATION)

<b>Class Number</b>	BUS441	<b>Class Length</b>	1 semester
<b>Grade Level</b>	12	<b>Credit</b>	0.5
<b>Class Fees</b>		<b>Credit Area</b>	Career & Technical Education
<b>Prerequisites</b>		<b>Notes</b>	*potential to obtain industry certification
<b>Level</b>	4	<b>Alternate Name</b>	

This course allows for individualized, advanced, and/or cumulative work in a program of study. This work is individualized to the student within a specific program of study to allow for specialized study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the instructor, in collaboration with the individual student. FBLA leadership skills will be integrated into the class.

## CONSTRUCTION TRADES

### INTRODUCTION TO DRAFTING AND DESIGN

<b>CLASS NUMBER</b>	CST110/111	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$10.00/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts/CTE
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course will introduce the student to the basic industrial communication skills of drafting, problem solving and design. An emphasis will be placed on the direct application of academic skills by integrating math, science, communication and social science into the instructional process. This course will prepare students for further studies in Computer Aided Drafting and Design (CADD). Students will explore various career possibilities within Industrial Technology, which include Communication, Drafting, CADD, and Construction Trades

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### PRINCIPLES OF CONSTRUCTION

<b>CLASS NUMBER</b>	CST101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9,10,11,12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15.00/SEMESTER	<b>CREDIT AREA</b>	Life Skills/Fine Arts/CTE
<b>PREREQUISITES</b>		<b>NOTES</b>	

This course furthers the students' industrial communication skills by applying them to industrial production in a workplace environment. Hands on experiences in manufacturing and construction comprise the activities in this course. Strategies for team and individual problem solving techniques will be developed and ample opportunities will be provided to practice and demonstrate these techniques.

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### INTRODUCTION TO TECHNICAL DRAWING

<b>CLASS NUMBER</b>	CST121/122	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11,12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15.00/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts/CTE
<b>PREREQUISITES</b>		<b>NOTES</b>	

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# Valley High School 2022-2023 Course Description

## CONSTRUCTION TECHNOLOGY

<b>CLASS NUMBER</b>	CST201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15.00/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts/CTE
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course furthers the students' industrial communication skills by applying them to industrial production in a workplace environment. Hands on experiences in manufacturing and construction comprise the activities in this course. Strategies for team and individual problem solving techniques will be developed and ample opportunities will be provided to practice and demonstrate these techniques. This course builds on and expands the work done in Construction Trades I. Students are responsible for the additional costs of personal designed projects.

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## CONSTRUCTION SYSTEMS I

<b>CLASS NUMBER</b>	CST301/302	<b>CLASS LENGTH</b>	1 or 2 semesters
<b>GRADE LEVEL</b>	11,12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15.00/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts/CTE
<b>PREREQUISITES</b>		<b>NOTES</b>	

This is the Capstone course of the Construction Trades Program. It is for the student who at this point in their life is seriously considering a career in the trades. The focus of the course allows the student to further their knowledge and skills in the areas of residential construction, light construction and cabinet making. Students are responsible for the additional costs of personal designed projects.

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# Valley High School 2022-2023 Course Description

## CONSTRUCTION TRADES COOPERATIVE WORK EXPERIENCE

<b>CLASS NUMBER</b>	CST 401/402	<b>CLASS LENGTH</b>	1 or 2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15.00/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts/CTE
<b>PREREQUISITES</b>	Enrollment is by teacher approval only	<b>NOTES</b>	

This course is designed for the advanced Construction Trades Student demonstrating superior skills in the Construction Trade Program, including Computer Aided Drafting and Design. The construction Trades instructor must approve students desiring to enter this program. During this course, students will be employed by the Weld RE-1 School District or a non-school related industrial technology based program while receiving school credit and supervision. Students will also be involved in the NCCER, the National Center for Construction Education and Research, curriculum. Upon successful completion of all 3 Principles of Construction courses and passing all module exams with 70% or better, each student will receive a NCCER Core Certificate of Completion, Wallet Card, and Transcript.

NCCER's industry-recognized credentials provide students and craft professionals with national portability of skills. NCCER maintains credentialing and certification through its Registry System.

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## ENGLISH LANGUAGE DEVELOPMENT (ELD)

### ELD 9A & 9B

<b>CLASS NUMBER</b>	ELD100/101	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English/ Life Skills/Fine Arts
<b>PREREQUISITES</b>	score of 1-4 on WIDA/WAPT; teacher recommendation	<b>NOTES</b>	This course will be selected for you, if needed.

English language development (ELD) for freshmen students. Vocabulary development, oral language, listening skills, reading and writing skills taught through the lenses of Math, Science, Social Studies, and English/Language Arts. Students are also expected to work daily to complete work from their classes, with help available from their ELD teacher, paraprofessional, and classmates.

### ELD 10A & 10B

<b>CLASS NUMBER</b>	ELD200/201	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English/ Life Skills/Fine Arts
<b>PREREQUISITES</b>	score of 1-4 on WIDA/WAPT; teacher recommendation	<b>NOTES</b>	This course will be selected for you, if needed.

English language development (ELD) for sophomore students. Vocabulary development, oral language, listening skills, reading and writing skills taught through the lenses of Math, Science, Social Studies, and English/Language Arts. Students are also expected to work daily to complete work from their classes, with help available from their ELD teacher, paraprofessional, and classmates.

# Valley High School 2022-2023 Course Description

## ELD 11A & 11B

<b>CLASS NUMBER</b>	ELD301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English/ Life Skills/Fine Arts
<b>PREREQUISITES</b>	score of 1-4 on WIDA/WAPT; teacher recommendation	<b>NOTES</b>	This course will be selected for you, if needed.

English language development (ELD) for junior students. Vocabulary development, oral language, listening skills, reading and writing skills taught through the lenses of Math, Science, Social Studies, and English/Language Arts. Students are also expected to work daily to complete work from their classes, with help available from their ELD teacher, paraprofessional, and classmates.

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## ELD 12A & 12B

<b>CLASS NUMBER</b>	ELD401/402	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English/ Life Skills/Fine Arts
<b>PREREQUISITES</b>	score of 1-4 on WIDA/WAPT; teacher recommendation	<b>NOTES</b>	This course will be selected for you, if needed.

English language development (ELD) for senior students. Vocabulary development, oral language, listening skills, reading and writing skills taught through the lenses of Math, Science, Social Studies, and English/Language Arts. Students are also expected to work daily to complete work from their classes, with help available from their ELD teacher, paraprofessional, and classmates.

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# Valley High School 2022-2023 Course Description

## INTERMEDIATE LEVEL ELD

<b>CLASS NUMBER</b>	ELD220/221	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9-12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English/ Life Skills/Fine Arts
<b>PREREQUISITES</b>		<b>NOTES</b>	This course will be selected for you, if needed.

This class focuses on refining basic English skills. Students will focus on increasing language skills in all 4 language domains through vocabulary lessons and thematic learning activities. District approved curriculum can include NatGeo edge and My ELD companion to Savvas Realize. Teachers may choose to use additional resources to help students increase their language production. Students in this class will typically have a language level indicated by WIDA from 2.5-3.4.

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## ADVANCED LEVEL ELD

<b>CLASS NUMBER</b>	ELD320/321	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9-12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English/ Life Skills/Fine Arts
<b>PREREQUISITES</b>		<b>NOTES</b>	This course will be selected for you, if needed.

This class will focus on fluency and aim to increase accuracy with language production with special emphasis on academic language. Students will focus more on reading and writing domains as these domains tend to lag behind speaking and listening. Teachers may choose to use additional resources to help students increase their language production. Students in this class will typically have a language level indicated by WIDA from 3.5-4.

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## ENGLISH/LANGUAGE ARTS

### ENGLISH I

<b>CLASS NUMBER</b>	ENG101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This is a grade-level course for 9th grade students entering their first year of high school. This course is designed to build on what students learned in middle school and expand their literary horizons. It serves as a prerequisite for English 10 and is a graduation requirement. Reading comprehension, critical thinking, problem-solving, and writing skills are all skills emphasized in this course. We will hone these skills by reading a variety of texts, experimenting with new technology, participating in individual and group projects, practicing study skills, and discussing new perspectives.

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### HONORS ENGLISH I

<b>CLASS NUMBER</b>	ENG111/112	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	Teacher approval; academic success in prerequisite courses	<b>NOTES</b>	

This course is comprised of instruction and usage with applications to composition. Several modes of writing will be taught along with the research paper. Genres of literature taught include poetry, short stories, novels, plays, and nonfiction. This course is designed for students wanting to improve their study of literature, composition, vocabulary and grammar. Students selecting this course should consider themselves competent readers and writers. While the course content is similar to that of English I, the course will require more intensive and independent study skills. Participation in honors will be based on student interest, teacher recommendation and previous achievement in English.

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# Valley High School 2022-2023 Course Description

## ENGLISH II

<b>CLASS NUMBER</b>	ENG201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This is a grade-level course for 10th grade students. This course serves as a prerequisite for English 3, and is a graduation requirement. Students will read and analyze a variety of literary mediums and build on skills mastered in 9th grade (English 1). Students will learn to analyze themes and social applications in a variety of texts and mediums. Students will write analytically about literature that includes both fiction and nonfiction. English 2 is a course designed to develop advanced language, analyze complex literature, and hone analysis skills. Literary analysis, expressive writing and persuasive techniques are skills students will master over the course of the year. Evidence of high-level thinking and independent work is expected and required.

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## HONORS ENGLISH II

<b>CLASS NUMBER</b>	ENG211/212	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	Teacher approval; academic success in prerequisite courses	<b>NOTES</b>	

This course is offered to sophomores interested in a more intensive study of literature, composition and grammar. Types of literary criticism will be introduced and used for the understanding of and writing about literature. Students selecting this course should consider themselves competent readers and writers. This course will continue the study of grammar, punctuation, usage and vocabulary. Presentations in various forms will be required. This course is considered a preparatory course for AP English Language and Composition and/or AP English Literature and Composition.

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# Valley High School 2022-2023 Course Description

## ENGLISH III

<b>CLASS NUMBER</b>	ENG301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	None	<b>NOTES</b>	American Literature, Native American Literature, 20th Century

This is a grade-level course for 11th grade students. This course serves as a prerequisite for English 4, and is a graduation requirement. English 3 has a heavy emphasis on literature specific to North America, and is organized chronologically by literary time periods in American history. Over the course of the year, students will examine how American authors have defined what it means to be “American”, how definitions of what it means to be “American” have changed over time, and how American literature is unique to the people and landscape that shape it. Students will be exposed to a variety of different texts, from primary sources of the early explorers, to poetry of the Romantics, to the modern novels of the 20th century.

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## ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION

<b>CLASS NUMBER</b>	APENG311/312	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	Teacher approval; academic success in prerequisite courses	<b>NOTES</b>	Rhetoric & Writing

This class is intended for those students who wish to take a college level course in English. This course will emphasize rhetoric and writing. Students will take the AP English Language & Composition exam in May. Students should expect a challenging and stimulating class requiring time and commitment with potential to earn college credit.

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# Valley High School 2022-2023 Course Description

## ENGLISH IV

<b>CLASS NUMBER</b>	ENG401/402	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	Teacher approval;academic success in prerequisite courses	<b>NOTES</b>	Media

This course will involve a study of various literary genres and writing models, acquainting students with the people, ideas, arts, music, architecture and literature that have formed the basis of Western culture. Media analysis will ask students to become critical thinkers about the world in which we live, interact and communicate. Film, television, print media, and advertising will be studied. Films have been selected from a variety of genres, time periods, and technologies for the purpose of fostering and understanding of media history and cultural literacy. English IV emphasizes independence using individual research projects and applicable public speaking scenarios.

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## CONTEMPORARY LITERATURE

<b>CLASS NUMBER</b>	ENG413/414	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	Teacher approval;academic success in prerequisite courses	<b>NOTES</b>	This may be taken instead of English IV for the 4th English Credit

This is a novel-based course. Students wanting to explore real-world themes through modern literature (twentieth century-present) should take this class. Short stories, novels, plays, and poetry from any culture, race, or author that are appropriate to the school setting are “fair game” for this course. Since this is a novel-based course, close reading, analysis, and discussion are important parts of this class. Students will also write creatively by developing their own poems, stories and creative essays.

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# Valley High School 2022-2023 Course Description

## TECHNICAL ENGLISH

<b>CLASS NUMBER</b>	ENG411/412	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	English
<b>PREREQUISITES</b>	Teacher approval; academic success in prerequisite courses	<b>NOTES</b>	This may be taken instead of English IV for the 4th English Credit

This course will focus on real-world reading and writing for students that are pursuing a technical or vocational path. It will cover the language skills needed to communicate, both written and spoken, successfully in life and in the work field.

## MATHEMATICS

### GEOMETRY

<b>CLASS NUMBER</b>	MAT110/111	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	None	<b>NOTES</b>	None

This course will teach students to use deductive reasoning skills, evaluate two- and three-dimensional shapes, parallel lines, and constructions. Transformations of these shapes are also emphasized. Students will need to solve real-world problems using these skills and properties.

### ALGEBRA I

<b>CLASS NUMBER</b>	MAT201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	None	<b>NOTES</b>	None

This course will teach students to work with variables, solving and graphing first and second-degree polynomial equations, as well as exponential equations. Students will need to solve real-world problems using their skills with solving and graphing these equations.

### ALGEBRA II

<b>CLASS NUMBER</b>	MAT301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Pass Algebra I	<b>NOTES</b>	None

This course will teach students further Algebra topics such as higher degree polynomials, rational exponents, complex numbers, and many others. Students will solve complex real-world problems and scenarios using their advanced mathematical skills. Students must have passed both semesters of Algebra I to enroll in this course.

# Valley High School 2022-2023 Course Description

## Financial Math

<b>CLASS NUMBER</b>	MAT311/312	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	12 - This is a senior only course; Or instructor approval.	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Must have sat Algebra II	<b>NOTES</b>	This is not an NCAA approved math course.

This class focuses on practical, financial applications. This course incorporates real-world application, collaboration and calculations using technology. Prepare to handle your personal finances by learning the formulas used to determine account balances, monthly payments, insurances, total costs and more. Additionally, we will learn how to do taxes, invest in stocks, bonds, real estate, cryptocurrencies, etc.

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## ADVANCED ALGEBRA WITH CALCULUS CONCEPTS

<b>CLASS NUMBER</b>	MAT411/412	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Must have sat Algebra II	<b>NOTES</b>	None

This class is designed for more advanced mathematical topics. This focus is on non-linear relationships, exponential and logarithmic properties, beginning trigonometric properties, and foundational calculus concepts. The goal of this course is to strengthen advanced math skills and prepare students for higher level mathematics.

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# Valley High School 2022-2023 Course Description

## STATISTICS

<b>CLASS NUMBER</b>	MAT404	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	12 -This is a senior only course; Or instructor approval.	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Must have sat Algebra II	<b>NOTES</b>	Typically taken with Financial Math

This course introduces students to the major concepts and tools for collecting, organizing, analyzing, and drawing conclusions from data. The broad themes include: displaying data, explaining data, observing patterns, creating models using probability, simulation, probability distributions and statistical inference.

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## UNC MATHEMATICS IN LIBERAL ARTS

<b>CLASS NUMBER</b>	UNC120	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Pass Algebra II - Both semesters	<b>NOTES</b>	Underclassmen may take with instructor approval.

This is a college math class. Concurrent enrollment may be available through UNC (equivalent to MAT 120: Mathematics in Liberal Arts). In this course, students will learn about several topics in mathematics. The course highlights connections between mathematics and the society in which we live. Topics include: set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. Additional topics may be covered as time allows.

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# Valley High School 2022-2023 Course Description

## UNC COLLEGE ALGEBRA

<b>CLASS NUMBER</b>	UNC124	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Algebra II and/or Advanced Alg. w/ Calc. Concepts	<b>NOTES</b>	Underclassmen may take with instructor approval

This is a college math class. Concurrent enrollment may be available through UNC (equivalent to MAT 124: College Algebra). This class will focus on college-level math skills. This includes more advanced topics such as nonlinear functions, functions properties, nonlinear systems, sequences and series.

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## UNC TRIGONOMETRY

<b>CLASS NUMBER</b>	UNC125	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Must Pass UNC College Algebra with a C or better	<b>NOTES</b>	Underclassmen may take with instructor approval

This is a college math class. Concurrent enrollment credit may be available through UNC, (equivalent to MAT 125: Plane Trigonometry). This class will focus on skills related to trigonometry. This includes the six trigonometric functions, the unit circle, identities and trigonometric equations. Course may also include complex numbers and other advanced math skills geared towards preparations for calculus.

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# Valley High School 2022-2023 Course Description

## UNC CALCULUS 1

<b>CLASS NUMBER</b>	UNC231A/UNC231B	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Pass UNC Trigonometry with a C or better	<b>NOTES</b>	Underclassmen may take with instructor approval

This is a college math class. Concurrent enrollment credit may be available through UNC, (equivalent to MAT 131: Calculus I). This course teaches students basic calculus topics, including limits, derivatives, and integrals. Applications of these skills include optimizations, areas and volumes of solids created using revolutions. Calculus advances algebra, geometry, and trigonometry skills with a focus on higher level math and science applications.

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# Valley High School 2022-2023 Course Description

## Music

### **SYMPHONIC BAND**

<b>CLASS NUMBER</b>	MUS301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	25.00 (+25.00 if renting a school-owned instrument)	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Previous experience playing a band instrument. If not, approval after consultation with director	<b>NOTES</b>	

Symphonic Band is open to all students with experience playing a band instrument.

Non-experienced students may be considered for membership after consultation with the director. This is the core class of the instrumental music program at Valley High School. This is a performance class that includes 3-4 required formal concerts (all year), Pep Band and/or Marching Band for home football games and parades (Fall Semester), Pep Band for selected basketball games (Spring Semester), and other performances throughout the year. There are also opportunities to perform solo/ensemble festival, Honor Bands, large group contests, chamber ensembles and other groups and events. The band is scheduled to make a performance trip every two years. A \$25.00 equipment and uniform cleaning fee is due from each student. In addition, students renting a school-owned instrument (if available) will pay an additional \$25.00 rental fee for the year.. IT IS NECESSARY THAT STUDENTS PROVIDE THEIR OWN INSTRUMENTS FOR THIS CLASS WHEN POSSIBLE.

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# Valley High School 2022-2023 Course Description

## CONCERT BAND

<b>CLASS NUMBER</b>	MUS101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	25.00 (+25.00 if renting a school-owned instrument)	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Prior experience playing an instrument is NOT necessary for this course. Students will provide their own instruments through purchase or rental.	<b>NOTES</b>	

Concert Band is open to all students. No previous experience in band is required. This course is designed for students to begin to learn a band instrument. This is a performance class that includes 2-3 required formal concerts and other possible performances throughout the year. There are also opportunities to perform solo/ensemble festival, Honor Bands, large group contests, chamber ensembles and other groups and events. This course will potentially help students to be prepared to enter Symphonic Band after one year. A \$25.00 equipment and uniform cleaning fee is due from each student. In addition, students renting a school-owned instrument (if available) will pay an additional \$25.00 rental fee for the year. IT IS NECESSARY THAT STUDENTS PROVIDE THEIR OWN INSTRUMENTS FOR THIS CLASS WHEN POSSIBLE.

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## JAZZ ENSEMBLE

<b>CLASS NUMBER</b>	MUS121/122	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	20.00	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Director Approval	<b>NOTES</b>	

The jazz band is a "big band" style performance group and is open to students who have prior experience playing an instrument. The group is limited to 5-7 alto saxophones, 5 trumpets, 4 trombones, 1 guitar, 1 bass guitar, 1 piano and 2 drummers. Non-traditional jazz instruments may be accepted at the discretion of the director. Members of Symphonic Band will be given first consideration. Jazz combos may also be formed from its members. Performances will be scheduled throughout the school year (5-6 total). Jazz band meets ZERO HOUR (in the mornings before school). Course fee is \$20.00 which will cover uniform cost and music. STUDENTS WILL PROVIDE THEIR OWN INSTRUMENTS FOR THIS COURSE.

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# Valley High School 2022-2023 Course Description

## TREBLE CHOIR

<b>CLASS NUMBER</b>	MUS113/114	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$50 first year \$20 succeeding years	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	This class will require a commitment outside of school hours for performances

Open to all students; no audition is required. Membership in this group introduces students to the fundamentals of music literacy, vocal technique, and theory. Students will perform two concerts each semester, have the opportunity to participate in solo/ensemble contest, and try out for various honor choirs.

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## VALLEY SINGERS (Select Mixed Choir)

<b>CLASS NUMBER</b>	MUS141/142	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$50 first year \$20 succeeding years	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Audition required	<b>NOTES</b>	This class will require a commitment outside of school hours for performances

Valley Singers is an auditioned group of advanced singers. Musical/choral experience is necessary as singers will perform a wide variety of advanced literature. Focus for this performing ensemble is on vocal technique, style, music literacy, and performing aspects. This ensemble has an extensive schedule of performances outside of school time, which are required.

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# Valley High School 2022-2023 Course Description

## GUITAR

<b>CLASS NUMBER</b>	MUS151/152	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$25.00	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

Guitar class is designed to be an entry level course for students with no prior experience playing guitar. Students will learn the basics of technique and music reading. There will be a limited number of seats available for this class (around 15)

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## MUSIC HISTORY

<b>CLASS NUMBER</b>	MUS201/203	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>		<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

## **PHYSICAL EDUCATION & HEALTH**

School appropriate workout attire is required of all students enrolled in activity classes. Tennis shoes with light colored soles are requested. Students must furnish their own suits and towels for all swimming classes.

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### **PHYSICAL EDUCATION I**

<b>CLASS NUMBER</b>	PED101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	None	<b>NOTES</b>	None

A required year-long class that covers Health Related and Skill Related activities. This is a lecture/lab class. After successful completion of this class, students will be able to define both health and skill related fitness, write an appropriate personal 6 week fitness plan, and evaluate their own fitness level. This is a prerequisite to all other Physical Education Classes except Health.

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### **HEALTH**

<b>CLASS NUMBER</b>	PED230/232	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	PE I	<b>NOTES</b>	None

A required course that includes information on topics such as decision making skills, refusal skills, assertive communication, sexuality, substance use, stress management, first-aid and CPR. CPR will follow American Red Cross guidelines.

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# Valley High School 2022-2023 Course Description

## PHYSICAL EDUCATION II

<b>CLASS NUMBER</b>	PED201/202	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	Some fees may apply for out of school activities	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	PE I	<b>NOTES</b>	None

This is an introductory class that will have students involved in a number of Individual and Team Activities. By the end of the class, students will have an understanding of the basic rules, strategies and skills of the activities. The students will also be able to perform at the basic skill level of activities covered.

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## PHYSICAL EDUCATION III

<b>CLASS NUMBER</b>	PED301/302	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	PE I & PE II	<b>NOTES</b>	None

This is an advanced level class that will have students involved in a number of Individual and Team Activities. The rules and strategies of the activities will be covered in detail and the skill work will be enhanced to officiate games in class. This class is designed for those students who want to participate at a more competitive level and improve their skill level in a variety of lifetime activities.

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## WEIGHT TRAINING

<b>CLASS NUMBER</b>	PED221/222	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	PE I and Health	<b>NOTES</b>	None

This class is offered to any student wishing to improve their overall fitness. The focus of the class will be on improving the health-related components of fitness: flexibility, muscular strength, endurance, cardiovascular fitness and body composition. Students will also examine proper nutritional habits as well as proper training habits in order to maintain a healthy lifestyle.

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# Valley High School 2022-2023 Course Description

## LIFEGUARD TRAINING ELEMENTARY SWIM INSTRUCTOR

<b>CLASS NUMBER</b>	PED311/312	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	PE I & Health	<b>NOTES</b>	None

This course will follow American Red Cross Guidelines for Lifeguard Training and the teaching of elementary swim lessons. Students will be teaching swim lessons to elementary students throughout the district in grades 2nd through 5th as well as lifeguarding for these students every other Friday.

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## SPECIAL OLYMPICS

<b>CLASS NUMBER</b>	PED111/112	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Physical Education
<b>PREREQUISITES</b>	Teacher Approval	<b>NOTES</b>	None

This class is designed to incorporate students with and without disabilities. To continue to build our Unified Champion School, which is a program to create a school climate of inclusion, acceptance, respect, and human dignity for all students. Students learn about students with different abilities and how to interact with them. Students will also experience working with people with different abilities within the school and community setting. Students will be expected to do volunteer work and fundraising as well as give up some of their weekends to enjoy competing in different sports such as bowling, dance, football, volleyball, kickball, basketball, track, and more!

Students are required to complete an application and interview to participate in the Special Olympics class and work as coaches/Unified Partners with the athletes.

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# Valley High School 2022-2023 Course Description

## Athletic Education

<b>Class Number</b>	PED401/402	<b>Class Length</b>	1 Semester
<b>Grade Level</b>	9,10,11,12	<b>Credit</b>	0.5
<b>Class Fees</b>	Athletic Registration Fee	<b>Credit Area</b>	Physical Education
<b>Prerequisite</b>	None	<b>Notes</b>	None

Students at Valley High School who participate in a sport can receive 0.5 credits that will count towards their PE elective requirement. Students must complete the entire sport season that they participate in from the first day to the last, finish the season in good standing by earning either a participation award or a varsity letter. This 0.5 credit only applies to PE electives. PE I and Health are required courses for graduation.

# Valley High School 2022-2023 Course Description

## Science

### EARTH SCIENCE

<b>CLASS NUMBER</b>	SCI101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course is a survey meteorology, astronomy, topography, geology, and hydrology emphasizing physical and chemical interactions in our world. Students that do not pass this course are required to make-up the credit in a summer school or other credit recovery program.

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### HONORS EARTH SCIENCE

<b>CLASS NUMBER</b>	SCI111/112	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Recommendation by middle school teacher. 700 or higher on CMAS Science, and proficient in Math on CMAS	<b>NOTES</b>	Need Geometry experience 2nd Semester. Students are enrolled in this course by teacher recommendation only.

This class enables exceptionally motivated students with advanced inquiry and math aptitude to investigate the Earth Science topics in greater depth. Enrichment opportunities may include research projects, construction projects (both requiring time spent outside the classroom), field studies, and/or independent scientific investigation. The mathematical nature of science is strongly emphasized; therefore, students must have completed geometry or be taking it concurrently. Students must retain a C or higher during the first semester of the course in order to continue the honors course for the second semester.

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# Valley High School 2022-2023 Course Description

## BIOLOGY

<b>CLASS NUMBER</b>	SCI201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course is an introduction to ecology, biochemistry, and molecular biology (with a cellular approach), genetics, and human anatomy & physiology. Students that do not pass this course are required to make-up the credit in a summer school or other credit recovery program.

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## HONORS BIOLOGY

<b>CLASS NUMBER</b>	SCI211/212	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Teacher Approval	<b>NOTES</b>	

This class is designed to enable exceptionally motivated students with a high science aptitude to investigate biology topics in greater depth. Enrichment opportunities may include research projects, construction projects (both requiring time spent outside the classroom), field studies, and/or independent scientific investigation. Students must retain a C or higher during the first semester of the course in order to continue the honors course for the second semester.

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# Valley High School 2022-2023 Course Description

## CHEMISTRY

<b>CLASS NUMBER</b>	SCI301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12, (10 see notes)	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$8.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Algebra I	<b>NOTES</b>	Sophomores may take the class concurrently with chemistry upon teacher approval if they have already taken Algebra I.

This course is recommended for all students who are considering college or post secondary education. Chemistry is the study of materials and the changes that they may undergo when reacting with other substances. Topics include energy, matter, atomic structure, the mole, stoichiometry, thermochemistry, gas behavior, equilibrium, and an introduction to acids and bases. Students must have a scientific calculator for this course (separate from a cell phone app.)

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## PHYSICS

<b>CLASS NUMBER</b>	SCI321/322	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12, (10 see notes)	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$8.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Geometry Algebra 1	<b>NOTES</b> Math is used daily to explain concepts currently being discussed	Sophomores can take the class concurrently with biology <b>upon teacher approval</b>

This course is recommended for all students who are seriously considering college or post secondary education, especially those students considering a career in the natural sciences, engineering, or a related field. Physics is a **mathematical science** explaining the basic phenomena and mechanics of the universe. Topics include: kinematics, linear motion, graphical analysis of motion, dynamics, vectors, curvilinear motion, gravitation, momentum, work, energy, and electricity. Students must have a scientific calculator for this course (separate from a cell phone application)

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# Valley High School 2022-2023 Course Description

## PHYSICAL SCIENCE: INTRODUCTION TO PHYSICS

<b>CLASS NUMBER</b>	SCI311	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Teacher Approval	<b>NOTES</b>	Enrollment in this course requires teacher approval, it is intended for non-college bound students

This course should ONLY be taken by those students that DO NOT intend to pursue careers requiring university, college or other postsecondary degrees or advanced science courses. The course uses hands-on activities to show the applications of scientific theory to everyday life. Topics include: motion, work, energy, heat, sound, light, electricity, and magnetism. **Students considering college (including community college or 2-year programs) should strongly consider taking chemistry and/or physics rather than this course. Enrollment in this course requires teacher approval**

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## PHYSICAL SCIENCE: INTRODUCTION TO CHEMISTRY

<b>CLASS NUMBER</b>	SCI312	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$5.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Teacher approval	<b>NOTES</b>	Enrollment in this course requires teacher approval, it is intended for non-college bound students

This course should ONLY be taken by those students that DO NOT intend to pursue careers requiring university, college or other postsecondary degrees or advanced science courses. The course uses hands-on activities to show the application of scientific theory to everyday life. Topics include: energy, matter, atomic structure, chemical reactivity, acids/bases, and electrochemistry. **Students considering college (including community college or 2-year programs) should strongly consider taking chemistry and/or physics rather than this course. Enrollment in this course requires teacher approval.**

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## SOCIAL STUDIES

### GEOGRAPHY

<b>CLASS NUMBER</b>	HIS101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course is a study of the physical and cultural geography of major world regions, with emphasis on current global issues.

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### HONORS GEOGRAPHY

<b>CLASS NUMBER</b>	HIS111/112	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	Teacher approval	<b>NOTES</b>	

Honors geography is an advanced seminar in world geography, studying the physical and cultural geography of major world regions. There will be an emphasis on current events and global issues using a collaborative, project-based approach to learning. Honors geography will be a year-long course, but students can be added in the second semester. Participation in honors will be based on student interest, teacher recommendation, and achievement in the first semester of geography.

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### WORLD HISTORY

<b>CLASS NUMBER</b>	HIS201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

A survey of world history from the Renaissance to the Cold War Era, this course also incorporates some geography, economics, and current events.

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# Valley High School 2022-2023 Course Description

## HONORS WORLD HISTORY

<b>CLASS NUMBER</b>	HIS211/212	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

An advanced course in world history from the Renaissance up to the Cold War era, this class will cover government, religion, war and peace, minorities, economics, foreign affairs, and the interactions among different cultures.

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## UNITED STATES HISTORY

<b>CLASS NUMBER</b>	HIS301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course examines the major turning points in American history, beginning with Reconstruction and finishing in the modern era. The course extends to the modern day, covering contemporary issues such as globalization, economic interdependence, and cultural conflicts. World conflicts will also factor into our analysis of American History.

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## UNC AMERICAN HISTORY I

<b>CLASS NUMBER</b>	UNC300	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	.5
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	None	<b>UNC Credits</b>	3

Survey of American history through Reconstruction to examine efforts to found New World communities, gain an American identity, secure independence and to define and secure the union under a federal government.

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# Valley High School 2022-2023 Course Description

## UNC AMERICAN HISTORY II

<b>CLASS NUMBER</b>	UNC301	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	.5
<b>CLASS FEES</b>	\$15	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	UNC American Hist I	<b>UNC Credits</b>	3

Survey of American history from Reconstruction to the present to examine geographical expansion, the rise of industrial and military power, five American wars, reform cycles and the shaping of modern America.

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## AMERICAN GOVERNMENT

<b>CLASS NUMBER</b>	HIS401/402	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Social Studies
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course explores the relationship of an American citizen to his or her government. Topics include the foundations of American Government, the Constitution, the three branches of the Federal Government, the election process, citizen participation, foreign policy, and current events.

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## Special Education Services

### **CAREER & PERSONAL DEVELOPMENT I**

<b>CLASS NUMBER</b>	CPD101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Teacher recommendation/IEP Required	<b>NOTES</b>	

This course is designed to support students with Special Education needs. This course emphasizes on goal setting, and developing appropriate habits of a high school student. This class will serve students and their goals that are set in their Individual Education Plan, (IEP), as well as their transitional goals. This course will focus on Life Planning. This class will focus on building relationships, as well as academic skills such as writing, reading, mathematics, and organization, as well as support in other areas as necessary.

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### **CAREER & PERSONAL DEVELOPMENT II**

<b>CLASS NUMBER</b>	CPD201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Teacher recommendation/IEP Required	<b>NOTES</b>	

This course is designed to support students with Special Education needs. This course emphasizes on goal setting, and developing appropriate habits of a high school student. This class will serve students and their goals that are set in their Individual Education Plan, (IEP), as well as their transitional goals. This class will also focus on building job skills, and focusing on career exploration. This class will also serve as a resource for students to complete their ICAP requirements for their 10th grade year. This course will focus on preparing for life. This class will focus on building relationships, as well as academic skills such as writing, reading, mathematics, and organization, as well as support in other areas as necessary.

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# Valley High School 2022-2023 Course Description

## CAREER & PERSONAL DEVELOPMENT III

<b>CLASS NUMBER</b>	CPD301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Teacher recommendation/IEP Required	<b>NOTES</b>	

This course is designed to support students with Special Education needs. This course emphasizes on goal setting, and developing skills for the work force and other post secondary goals. This class will serve students and their goals that are set in their Individual Education Plan, (IEP), as well as their transitional goals. This class will focus on transition goals such as independent living, and how to manage their finances. This class will also serve as a resource for students to complete their ICAP requirements for their 11th grade year. This course will focus on the World of Work. This class will support in other areas as necessary.

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## CAREER & PERSONAL DEVELOPMENT IV

<b>CLASS NUMBER</b>	CPD401/402	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Teacher recommendation/IEP Required	<b>NOTES</b>	

This course is designed to support students with Special Education needs. This course emphasizes on goal setting, and developing skills for the work force and other post secondary goals. This class will serve students and their goals that are set in their Individual Education Plan, (IEP), as well as their transitional goals. This class will focus on transition goals such as independent living, and how to manage their finances. This class will focus on workforce goals, and post secondary goals, for example applying for jobs, and/or college. This class will also serve as a resource for students to complete their ICAP requirements for their 12th grade year. This course will focus on the World of the Adult. This class will support in other areas as necessary.

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## WORLD LANGUAGES

### SPANISH I

<b>CLASS NUMBER</b>	SPA101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	None	<b>NOTES</b>	Advancing to second semester requires successful completion of semester 1.

This course is designed for non-native Spanish speakers as an introduction to the study of the Spanish language and its culture. It allows students to perform the basic functions of the language and to become familiar with basic elements of its culture while learning to interact with cultural competence and understanding. The emphasis is placed on the development of the four skills of listening, speaking, reading and writing within a given context while extending that knowledge towards possibilities of use outside of the classroom. The context focuses on the students' lives and experiences and includes an exposure to everyday customs and lifestyles. Grammar is integrated throughout the course and is emphasized according to the language needs. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own.

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### SPANISH II

<b>CLASS NUMBER</b>	SPA201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	Spanish I or Spanish placement test	<b>NOTES</b>	

Spanish II is designed for non-natives speakers. This course continues to develop oral, written, listening, and reading proficiency. It allows students to continue performing basic functions of the language and to become more familiar with some elements of its culture while integrating grammar and vocabulary.

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# Valley High School 2022-2023 Course Description

## SPANISH III

<b>CLASS NUMBER</b>	SPA301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	Spanish II or Spanish placement test	<b>NOTES</b>	

This course is designed for students who are serious about continuing their studies in Spanish. This course offers a deeper study of the Spanish language and its culture. It allows students to access areas of the language that leads to greater self-expression and broader views of its culture. The emphasis is placed on the greater control of the four skills of listening, speaking, reading and writing within a given context while extending that knowledge to connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations.

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## SPANISH IV

<b>CLASS NUMBER</b>	SPA401/402	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	Spanish III or Placement Test	<b>NOTES</b>	

Spanish IV is an advanced course that utilizes many of the following themes that are related to the AP Exam: Interpretive communication, interpretive listening, interpersonal writing, presentational writing, interpersonal speaking, and presentational speaking. You will be able to connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations in order to function in a variety of situations and for multiple purposes.

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# Valley High School 2022-2023 Course Description

## SPANISH LANGUAGE & CULTURE I

<b>CLASS NUMBER</b>	SPA141	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	Placement test and interview with department chair.	<b>NOTES</b>	Majority of the class will be conducted in Spanish.

This class is designed for native intermediate Spanish speakers. The goal of this class is to enhance not only spoken language but also grammar, reading and writing skills. You will be able to connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations in order to function in a variety of situations and for multiple purposes. This class will prepare you for a more advanced level required in Spanish Language and Culture.

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## SPANISH LANGUAGE & CULTURE II

<b>CLASS NUMBER</b>	SPA411/412	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10,11,12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	Native speakers & teacher approval	<b>NOTES</b>	This class is conducted in Spanish

This course is designed for advanced native Spanish speakers. This course is an advanced course that also offers preparation for students considering taking the Spanish Language and Culture AP Exam. The course has many opportunities for insight towards the information, structure, and characteristics of each exercise on the exam. The class will utilize many of the following themes that are related to the AP Exam: Interpretive communication, interpretive listening, interpersonal writing, presentational writing, interpersonal speaking, and presentational speaking. Enhances students' English skills by improving and furthering their native or near-native (acquired) Spanish skills through grammar, reading, writing and listening practice in Spanish. You will be able to connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations in order to function in a variety of situations and for multiple purposes.

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# Valley High School 2022-2023 Course Description

## GERMAN I

<b>CLASS NUMBER</b>	GER101/102	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	None	<b>NOTES</b>	Advancing to second semester requires successful completion of semester 1.

This course is designed as an introduction to the study of the German language and its culture. It allows students to perform the basic functions of the language and to become familiar with basic elements of its culture while learning to interact with cultural competence and understanding. The emphasis is placed on the development of the four skills of listening, speaking, reading and writing within a given context while extending that knowledge towards possibilities of use outside of the classroom. The context focuses on the students' lives and experiences and includes an exposure to everyday customs and lifestyles. Grammar is integrated throughout the course and is emphasized according to the language needs. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own.

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## GERMAN II

<b>CLASS NUMBER</b>	GER201/202	<b>CLASS LENGTH</b>	2 Semesters
<b>GRADE LEVEL</b>	10,11,12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	German I	<b>NOTES</b>	

German II continues to develop oral, written, listening and reading proficiency. It allows students to continue performing basic functions of the language and to become more familiar with some elements of its culture while integrating grammar and vocabulary.

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# Valley High School 2022-2023 Course Description

## GERMAN III

<b>CLASS NUMBER</b>	GER301/302	<b>CLASS LENGTH</b>	2 Semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Foreign Language
<b>PREREQUISITES</b>	German II	<b>NOTES</b>	

German III continues to develop oral, written, listening and reading proficiency.

This course is designed for students who are serious about continuing their studies in German. This course offers a deeper study of the Spanish language and its culture. It allows students to access areas of the language that leads to greater self-expression and broader views of its culture. The emphasis is placed on the greater control of the four skills of listening, speaking, reading and writing within a given context while extending that knowledge to connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations.

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## ADDITIONAL ELECTIVES

### ADVANCED PLACEMENT BIOLOGY

<b>CLASS NUMBER</b>	SCI411/SCI412	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$30.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Algebra I & 3 science credits (or concurrent enrollment with 3rd science credit), Students must have passed general Biology with a C or better, and/or teacher approval.	<b>NOTES</b>	-This course is only offered in school years that begin with an even year (alternating with UNC Chem), -Recommended to take -Honors Biology. Juniors can take the class concurrently with Chemistry or Physics upon teacher approval

This is an extremely rigorous course designed as a second year biology program which pursues advanced topics beyond those covered in the general biology course. A significant amount of time outside of the class meeting time is required. The College Board curriculum and guidelines for Advanced Placement Biology will be followed. College credit may be available for this course based on the student's Advanced Placement exam score. This course will be graded on a 5 point scale.

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### ANATOMY/PHYSIOLOGY

<b>CLASS NUMBER</b>	SCI401/402	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	\$20.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Geometry & 3 science credits	<b>NOTES</b>	Juniors can take the class concurrently with Chemistry or Physics upon teacher approval

This course is recommended for students with an acute interest in the medical, veterinary science or other related fields. This course is extremely fast paced and studies human systems and their functions. Standards Based grading is used for this course.

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## CREATIVE WRITING

<b>CLASS NUMBER</b>	ELE210/211	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Teacher approval	<b>NOTES</b>	

In this course students will explore creative genres of writing. The semester will be divided into poetry and short story. Students will create a wide range of poetry forms from Haiku to Sonnet to Free Verse. Short story sections will focus on the aspects of literary elements such as plot, character development, setting and tone. Students will keep a creative journal in which they will have the opportunity to reflect on authors we read in class, drafts and ideas.

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## CULINARY NUTRITION

<b>CLASS NUMBER</b>	FCS101/102	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$25.00	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

Students will have the opportunity to broaden their understanding of the impact food has on their lives from the diet/health link to career options in the field of foods and nutrition. Emphasis will be on building skills in the areas of nutrition, consumer skills, food management, safety and sanitation as well as food preparation. Lab experiences during the second and third six weeks will reinforce the basic skills and develop critical thinking. This course is a prerequisite course for Introduction to Culinary Careers and Catering. In order to take Catering you must pass this class with a C or better.

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## CURRENT EVENTS

<b>CLASS NUMBER</b>	HIS313	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Elective
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

The American Experience- This class will explore issues in American life: political, economical, social, historical, and cultural. This class will be driven by current events and recurring issues and themes within

# Valley High School 2022-2023 Course Description

American society. The class will use critical thinking skills when analyzing and evaluating topics. Project Based Learning will help students in understanding, enhancing, and developing multimedia skills.

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## DEBATE

<b>CLASS NUMBER</b>	ELE110	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>		<b>NOTES</b>	

Ha-hmmm...check, one, two...thp, thp, thp... is this thing on? Welcome ladies and gentlemen, to Public Speaking and Debate! You have, no doubt, heard of fates worse than death. Well for many people, there is one that stands above all others: public speaking and debate. I am sure most of you are looking forward to this class as much as, say, a root canal, or the next television show starring Charlie Sheen. You probably think the state of Colorado merely likes to torture high school students before they graduate by making them endure something most people dread more than death itself. You may be partly right about the torture, but learning to communicate well and speak with poise is among the most beneficial skills with which you can leave high school with. Now, I know you are thinking *I'm not going to be a public speaker, or debator, or a comedian, or a politician, so why do I have to take Public Speaking and Debate?* Okay, you better make sure you are seated which you should be anyway because I've got some difficult news for you. Regardless of which career path you choose, you will have to interact with people. In fact, to even get a job you will have to go through an interview, and irrespective of how knowledgeable and well-qualified you are for the position, you must be able to convince the interviewer(s) that you are the best candidate. Any guess as to how you might do that? That's right! Unless you possess superhuman telepathic abilities, you will have to use speech. Now, open your mind, clear your throat, and get ready to overcome your fears and become a better orator.

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## DRAMA I

<b>CLASS NUMBER</b>	ELE130/131	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>		<b>NOTES</b>	

Students receive an overview of dramatic and theatrical arts with an introduction to basic theatrical, stage, and film terminology. We will explore the history and transformation of theatre from its early to modern years by examining the historical context of various time periods and their impact on theatrical development over time. We will also examine the principles of theatrical performance via constructive critique on several forms of theatrical media, including film. Students will have the opportunity to work cooperatively and independently on acting techniques, play script analysis, technical design, and more.

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# Valley High School 2022-2023 Course Description

## ECONOMICS I

<b>CLASS NUMBER</b>	HIS422/423	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Elective
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This class is designed to provide students with knowledge of the American free enterprise system and application of key economic concepts. Students will study microeconomic and macroeconomic topics: scarcity and decision making; economic systems; producers, consumers, and prices; economic roles of the US Government; and trade, global interdependence, and specialization.

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## ECONOMICS II

<b>CLASS NUMBER</b>	HIS424	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Elective
<b>PREREQUISITES</b>	Economics I	<b>NOTES</b>	

The emphasis of this course will be on understanding how businesses and labor work together in the economy. This course is designed for students who have already taken Economics Part 1 and want to learn more about money, banking, and personal finance.

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## INTRODUCTION TO COMPUTER PROGRAMMING (C++)

<b>CLASS NUMBER</b>	MAT221	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10,11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$20.00	<b>CREDIT AREA</b>	Math
<b>PREREQUISITES</b>	Geometry	<b>NOTES:</b>	This class will only be offered if an instructor is available

Students will use the principles of Python to solve complex problems

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## INTRODUCTION TO ENGINEERING

<b>CLASS NUMBER</b>	SCI422	<b>CLASS LENGTH</b>	1 semester
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<b>GRADE LEVEL</b>	11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$20.00	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>	Geometry Algebra 1	<b>NOTES:</b> This is a course that will cover civil and electrical engineering. It is mostly building, evaluating and improving on a process.	Sample Projects: -Build Bridge -Build Windmill -Build electric motor. -Build & Solder AM/FM radio components We will apply plenty of math to analyze our data.

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## JOURNALISM

<b>CLASS NUMBER</b>	ELE201/202	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	1.0
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Teacher approval	<b>NOTES</b>	

Yearbook is journalistic in nature and allows students to participate in the production of the school yearbook. Students in this course are required to learn layout design; write and fit copy, captions, and headlines; sell advertisements; learn basic photography skills; and should be proficient in a computer. Individual responsibility is essential toward completion of assignments for deadlines. Students will be required to use outside school time to attend events (including sporting events, clubs and student involvement) to take pictures (about 4-5 events per month). Students will also have the opportunity to accept leadership positions and develop new skills as they build the yearbook. This course requires students to fill out a contract for technology use of the cameras. To register for this course, students must sign up for both first and second semesters. Class size limited to 12 students.

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## NON-AG GREENHOUSE

<b>CLASS NUMBER</b>	ELC301/302	<b>CLASS LENGTH</b>	2 semesters
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	1
<b>CLASS FEES</b>	10.00/year	<b>CREDIT AREA</b>	Elective
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course is designed to introduce students to plant science and greenhouse production through hands-on learning. Throughout both semesters, students will learn about greenhouse structures and

# Valley High School 2022-2023 Course Description

operation, plant growth, germination, propagation, plant biology, marketing, and business strategies. This is a full year course and students will be required to work in the greenhouse in a hands-on learning facility working daily to run and maintain a commercial greenhouse facility. Students will learn to operate and produce common bedding plants and vegetables found in the greenhouse industry as well as best practices in the greenhouse.

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## SOCIAL PSYCHOLOGY

<b>CLASS NUMBER</b>	HIS320	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Elective
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

In this class you will learn about the biology of the human mind, your behavior, and the science behind your actions and decisions. Some of the themes that we will study are: The role that your unconscious mind has played in your self perception, your attitudes, emotions, socialization, groups, influence, interpersonal attraction, close relationships, altruism, cooperation, competition, aggression, and prejudice and discrimination.

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## SOCIAL PSYCHOLOGY II

<b>CLASS NUMBER</b>	HIS330	<b>CLASS LENGTH</b>	1 semesters
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Elective
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

This course aims to blend the learning from Social Psychology part 1 and explore further the states of mind that the human brain goes through. The course will also focus on classic studies that have profoundly changed our understanding of human nature, social interaction, and your personality.

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## STEM I: PRINCIPLES OF ROBOTICS

<b>CLASS NUMBER</b>	SCI210	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9,10,11,12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$20	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>		<b>NOTES:</b>	Students must be mature enough to use power tools and work with equipment that must be returned to BEST Robotics without damage. This course requires 3 Saturday commitments.

This course is designed to give students a unique experience with the engineering design process building and competing with a robot.

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## STEM II: ENVIRONMENTAL AND FORENSIC INVESTIGATION

<b>CLASS NUMBER</b>	SCI121	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9,10,11,12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$20	<b>CREDIT AREA</b>	Science
<b>PREREQUISITES</b>		<b>NOTES:</b>	Students need to be independent learners able to work collectively in a group

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This course is designed to give students experience with the engineering design process investigating unique real world environmental, fuel, and forensic problems through project based learning.

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## THEATER

<b>CLASS NUMBER</b>	ELE131	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	9, 10, 11, 12	<b>CREDIT</b>	.5
<b>CLASS FEES</b>	None	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	Drama I/Director Approval	<b>NOTES</b>	

Students will develop a deeper understanding of cultural and historical perspectives introduced in Drama I, and build upon performance and production skills. Performance skills include monolog presentations, group performances of original and historical scenes. Production skills include costuming, set design, light design, and sound design. This is a project and participation-based class and students are expected to actively participate.

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## WELDING

<b>CLASS NUMBER</b>	AGR221/222	<b>CLASS LENGTH</b>	1 semester
<b>GRADE LEVEL</b>	10, 11, 12	<b>CREDIT</b>	0.5
<b>CLASS FEES</b>	\$10.00/semester	<b>CREDIT AREA</b>	Life Skills/Fine Arts
<b>PREREQUISITES</b>	None	<b>NOTES</b>	

Students will learn the basic and advanced skills in welding and cutting. Students will learn position welding with shielded metal arc and metal inert gas welding. Other areas of study will be oxy-gas and plasma arc cutting. Culmination of skills learned will be to build metal projects.

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