

# Chaparral High School Education Pathway

INSTRUCTOR: Marisela Holguin

## CHILD AND HUMAN DEVELOPMENT

Learn about the physical, mental, emotional, and social growth and development of children from conception to preschool age. Discover what parental responses the various stages require. In addition, study related topic, such as the prenatal and birth process; responsibilities and difficulties of parenthood; fundamentals of children's emotional and physical development; and appropriate care of infants, toddlers, and young children.

(Grades 9-10) (05507252)

Certification: Precision Exams

\$10 Lab fee



## Teacher Academy 1

Teacher Academy 1 (Education Methodology)-This course introduces the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Students will focus on the Educators Rising Standards 1-4: 1) Understanding the Profession, 2) Learning about Students, 3) Building Content Knowledge, and 4) Engaging in Responsive Planning. Teacher Academy courses are often accompanied by opportunities to observe and intern in preschool, elementary and middle school classrooms.

*The prerequisite for this course is Child and Human Development.*

(Grades 10-11) (05627352)

\$10 Lab fee



## Teacher Academy 2

Teacher Academy 2 (Education Internship)-This course introduces the principles underlying teaching and learning, focused on Educators Rising Standards 5-7: 5) Implementing Instruction, 6) Using Assessments and Data and 7) Being a Reflective Practitioner. This course typically provides opportunities for students to develop their own teaching objectives, to design and implement lesson plans, and to experience teaching in a controlled environment under the supervision of a cooperating teacher.

**\*\*When you enroll in the course you will also be enrolled in Executive Internship without seminar (08530175).**

*The prerequisite for this course is Teacher Academy 1*

*Certification: ParaPro and New Mexico Early Care, Education and Family Support 45-hour Entry-Level Course: Foundations in the Seven Basic Competencies.*

(Grades 11-12) (05627353)

\$10 Lab fee



## CHILD CARE / WORK EXPERIENCE

Course is designed for the student interested in the childcare field. They provide basic knowledge about growth and development of children from conception to school age. Main topics include the fundamentals of working with infants, toddlers, and older children. Students learn how to provide healthy environments, evaluate childcare settings, and study the practices, regulations, and opportunities in the child care industry. It may include practical experience in a child-care center. In advanced courses, topics such learning theories, development of appropriate activities, operation of a childcare center, recognition of childhood diseases, abuse, and neglect and first-aid/emergency training may be covered.

**\*\*When you enroll in the course you will also be enrolled in Teaching and Practicum (05977203).**

*The prerequisite for this course is Teacher Assiting 2*

*Certification: ParaPro, New Mexico Early Care, Education and Family Support 45-hour Entry-Level Course: Foundations in the Seven Basic Competencies, and Precision Exams*

(Grades 11-12) (05197233)

\$10 Lab fee

# Chaparral High School Audio Video Production Pathway

**INSTRUCTOR: Stephen Gabaldon**

## INTRODUCTION TO MASS MEDIA

Communication model, media ownership, language of persuasion and media literacy. Broadcast news basics, audio-visual production crew and responsibilities, basic electricity, introduction to grip, lighting, and audio, storyboarding.

**(Grades 9-10) (19214573)**

**\$10 Lab fee**



## FILM/VIDEOTAPE

Course provides the technical knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within Mass Media-Production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included. This is a second sequential course in the program of study meant to take a student into higher-level knowledge and skill development.

*The prerequisite for this course is: Intro to Mass Media*

**(Grades 9-10) (11727560)**

**\$10 Lab fee**



## DIGITAL FILM PRODUCTION II

Course provides the technical knowledge and skills necessary for television, video, film, and/or radio production. This is a third sequential course in the program of study meant to take a student into higher-level knowledge and skill development.

*The prerequisite for this course is Film/Videotape*

**(Grades 10-11) (11767671)**

**\$10 Lab fee**



## DIGITAL FILM PRODUCTION III

Course provides the technical knowledge and skills necessary for television, video, film, and/or radio production. This is a fourth sequential course in a program of study meant to take a student into higher-level knowledge and skill development.

*The prerequisite for this course is Digital Film Production II*

*Certification: Precision Exams*

**(Grades 12) (11777670)**

**\$10 Lab fee**

# Chaparral High School Automotive Pathway

INSTRUCTOR: \_\_\_\_\_

## INTRODUCTION TO AUTOMOBILES

Course primarily intended as a personal automobile technician course, but also designed for students exploring future careers in automotive technologies. Introduction to Automobiles courses offer an introduction to the various mechanical systems in automobiles and basic experience in maintenance tasks. The course may also cover career opportunities in the auto and/or transportation field.

(Grades 9-10) (09017321)

\$10 Lab fee



## AUTOMOTIVE TECHNOLOGY-COMPREHENSIVE

Automotive Service courses emphasize preventative auto maintenance and automobile troubleshooting. Course content typically includes tune-up, oil change, and lubrication skills; tire replacement, alignment, and balancing; and basic knowledge of brake, cooling, electrical, emission, fuel, ignition, steering, suspension, and transmission systems. These courses may also include public relations, sales techniques, and service station management.

*The prerequisite for this course Intro to Automobiles*

(Grades 10-11) (09127027)

\$10 Lab fee



## AUTO TECH 2

This is a second sequential course in an automotive program of study meant to take a student into higher- level knowledge and skill development.

*The prerequisite for this course is Automotive Technology*

(Grades 10-12) (09207231)

\$10 Lab fee



## AUTO TECH 3

This is a third sequential course in an automotive program of study meant to take a student into higher- level knowledge and skill development.

**\*\*When you enroll in the course you will also be enrolled in PARTICULAR TOPICS IN AUTOMOTIVE TECHNOLOGIES (019137231)**

*The prerequisite for this course is Auto Tech 2*

(Grades 10-12) (09217251)

\$20 Lab fee per year for 2 courses



# Chaparral High School Creative Media Pathway

**INSTRUCTOR: Sara Duran-Campbell**

## GENERAL COMPUTER APPLICATIONS

Designed for students with an interest in exploring the uses of the personal computer, General Computer Applications courses provide experience in the proper use of previously written software packages. A wide range of applications is explored, including (But not limited to) word processing, spreadsheet, graphics, and database programs. Electronic mail and desktop publishing may be defined by the student(s).

**(Grades 9-10 ) (03024155)**

**\$10 Lab fee**



## DIGITAL PHOTOGRAPHY

This course reviews the principles and techniques of photography using digital equipment with an emphasis on lighting, focus and composition. Photographic capture of visual material can be an important part of the creative graphics development process. Required Pathway Course.

*The prerequisite for this course is GENERAL COMPUTER APPLICATIONS*

Certification: Adobe Certified Associate in Visual design using Adobe Photoshop

**(Grades 10-11 ) (03997250)**

**\$10 Lab fee**



## COMPUTER GRAPHICS

Course provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Modeling, simulation, animation, and image retouching are possible course topics.

*The prerequisite for this course DIGITAL PHOTOGRAPHY*

Certification: Adobe Certified Associate in Graphic design & illustration using Adobe Illustrator

**(Grades 11-12 ) (03157250)**

**\$10 Lab fee**



## WEB PAGE DESIGN

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. Students have the opportunity to work on an independent project an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

*The prerequisite for this course is COMPUTER GRAPHICS*

Certification: Adobe Certified Associate in Web authoring using Adobe Dreamweaver

**(Grades 11-12 ) (02767230)**

**\$10 Lab fee**

# Chaparral High School Welding Pathway

INSTRUCTOR: David Bennet

## WELDING - 1

Course introduces students to the properties, uses, and applications of various metals. Welding courses provide experience in various processes used to join and cut metals (such as oxyacetylene, shielded metal arc, metal inert gas and tungsten arc processes) and the proper use of each technique. Courses often include instruction interpreting blueprints or other types of specifications.

Grades (10-12) (24147252)

\$10 Lab fee



## WELDING - 2

This is a second sequential course in a welding program of study meant to take a student into higher level knowledge and skill development.

*The prerequisite for this course is Welding 1.*

Grades (10-12) (24167252)

\$10 Lab fee



## WELDING - 3

This is a third sequential course in a welding program of study meant to take a student into higher level knowledge and skill development.

*The prerequisite for this course is Welding 2.*

Grades (11-12) (24177252)

\$10 Lab fee



## PRECISION METALWORK – INDEPENDENT STUDY

Course, often conducted with instructors as mentors, enables students to explore metal related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application, to explore a topic of special interest within a related industry, or to develop greater machining skills.

*The prerequisite for this course is Welding 3.*

*Certification: AWS*

Grades (12) (24967252)

\$10 Lab fee

# Chaparral High School

## Law Enforcement: Pathway

INSTRUCTOR: Ronald Richman

### EXPLORATION OF PUBLIC SERVICE CAREERS

Course exposes students to the duties, responsibilities, requirements, and career opportunities within public service. Course topics vary and may include (but are not limited to) the following: education; protective services; correction, judicial, and probation services; fire protection and firefighting; public administration; and social work. Course activities depend upon the career clusters explored.

**(Grades 9-10) (25014802)**

**\$10 Lab fee**



### COMMUNITY PROTECTION

Course provides students with information regarding the personnel and agencies concerned with protection of the home, city, state, and nation. Topics may include civil defense and disaster preparedness; crime prevention; pollution control; fire prevention and control; legal and social systems and principles; and public health. These topics may be explored as a community resident and citizen using these services, or as one interested in pursuing a career in public service.

*The prerequisite for this course is EXPLORATION OF PUBLIC SERVICE CAREERS.*

**(Grades 10-12) (25037802)**

**\$10 Lab fee**



### CRIMINAL JUSTICE ASSISTING

Course trains students to understand and apply the principles and procedures essential to the U.S. criminal justice system. The principles and structure of the justice system and the law are explored; course content also typically includes traffic control, investigation, search and arrest. Laboratory, forensic, and trial procedures. Students may also learn CPR and first aid skills, personal defense tactics, and crime prevention techniques.

*The prerequisite for this course is Community Protection*

**(Grades 10-12) (25137802)**

**\$10 Lab fee**



### CRIMINAL JUSTICE ASSISTING 3

Course trains students to understand and apply the principles and procedures essential to the U.S. criminal justice system. The principles and structure of the justice system and the law are explored; course content also typically includes traffic control, investigation, search and arrest, laboratory, forensic, and trial procedures. Students may also learn CPR and first aid skills, personal defense tactics, and crime prevention techniques. Students must take the midterm and final for this course online (DACC), and you must get a C or better in the course to get credit. Student must take the midterm and final online and get a C or better to receive credit for this course.

*The prerequisite for this course is CRIMINAL JUSTICE ASSISTING*

**(Grades 10-12) (25967800)**

**\$10 Lab fee**



### PUBLIC, PROTECTIVE AND SOCIAL SERVICES OJT

Course work experience is gained within the public service sector. Although goals may be set cooperatively by the student, teacher, and employer, classroom attendance or experience is not an integral part of the Public, Protective, and Social Services-OJT experience. (Not a Pathway course) ELECTIVE

*The prerequisite for this course is CRIMINAL JUSTICE ASSISTING 3*

Certification: Precision Exams

**(Grades 11-12) (25977983)**

**\$10 Lab fee**

# Chaparral High School Hospitality Pathway

**INSTRUCTORS: Veronica Garcia/Ella Davis**

## NUTRITION

Study of nutrition and the nutritional content of the foods we eat, eating patterns, cultural diversity of meals, keeping a healthy weight and healthy and safe food practices in the store and in the kitchen.

**(Grades 9 - 10) (05044152)**

**Lab fee - \$10.00**



## CULINARY ARTS

Introduction to the food service industry, safety and sanitation, professional dress, sustainability in the kitchen, small and large equipment, using recipes, cooking principles, table service, culinary principles, exploration of a wide variety of foods and preparation techniques, team work and leadership emphasized.

*The prerequisite for this course is Nutrition.*

*Certification: ServSafe/ food handlers license (NM and TX)*

**(Grades 10 - 11 ) (05087252)**

**Lab fee - \$10.00**



## PROSTART - 1

Study of the technical aspects of food preparation in the commercial kitchen through the preparation and service of meals according to a production schedule. Emphasis is placed on team work, professionalism, guest relations, and table service. Food Handlers Certificate from New Mexico and from Texas is required. ProStart Year 1 Exam is available for certification. Opportunity to participate in ProStart State & National Competition available.

**\*\*\*When you take this course you will also be enrolled in Advanced Foods (05127175)**

*The prerequisite for this course is Nutrition & Culinary Arts. I*

*Certification: ProStart Year 1 Exam*

**(Grades 11-12) (05327253)**

**\$20.00 lab fee per year (2 courses)**



## PROSTART - 2

Advanced course that prepares students to enter the food service industry. Students will plan, prepare, and serve meals for sale for in-school groups. Students are also responsible for a Capstone Project; the designing, planning, and execution of a four-to five-course meal for an event. Food Handlers Certificate from New Mexico and from Texas are required. ProStart Year 2 Exam is available for certification. Opportunity to participate in ProStart State & National Competition available.

**\*\*\*When you take this course you will also be enrolled in Hospitality (05287250)**

*The prerequisite for this course is Nutrition, Culinary Arts I, & ProStart I.*

*Certification: ProStart Year 2 Exam*

**(Grades 11-12) (05337235)**

**\$20.00 lab fee per year (2 courses)**