

# PINE VIEW MIDDLE SCHOOL

## 2022 – 2023 Course Catalog



### REGISTRATION INFORMATION

#### **INSTRUCTIONS FOR REGISTRATION**

The selection of classes which fill your graduation requirements and provide a positive and worthwhile experience requires more than just a casual effort. As you prepare for registration you need to spend some time with your parents, perhaps your counselor, and maybe with some teachers in particular subjects about which you have questions. Once the classes are selected and the registration is completed, the entire school schedule will be built around your choices. **CHANGES IN YOUR SCHEDULE ARE DIFFICULT AND WILL BE DISCOURAGED.** A \$10.00 fee will be charged for adding or dropping classes.

The following are guidelines and policies which will affect the selection of classes and the registration process.

1. You must register for 8 periods.

2. A unit of credit (1.0) represents a full year of study on a daily basis in any subject successfully completed. A half unit of credit (.5) represents one semester (one-half year) of study on a daily basis in any subject successfully completed.
3. Credit cannot be given for a duplicate course if you have already earned credit in it. Exceptions are: band, chorus, fitness (PE), yearbook, and resource classes.
4. Signatures for classes requiring teacher approval, including alternate choices, must be obtained before submitting your registration form. **YOU WILL NOT BE REGISTERED FOR A TEACHER APPROVED CLASS WITHOUT A TEACHER'S SIGNATURE.**

#### **NOTICE OF NON - DISCRIMINATION**

It is the policy of the Washington County School District Board of Education to not discriminate on the basis of race, color, national origin, religion, age, sex, or any other non-merit factor in its educational programs, activities, or employment practices as required by Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Age Discrimination in Employment Act of 1974, and the Americans with Disabilities Act of 1990. Equal opportunity is a priority of the Washington County Board of Education. The Washington County School District is also committed to provide co-educational course programs including physical education and other athletic opportunities for both sexes as required by Title IX of the Educational Amendment of 1972. Inquiries concerning Title VI, Title IX, and Section 504 may be referred to, Richard Holmes Assistant Superintendent of Schools, Washington County School District, 121 West Tabernacle, St. George, Utah 84770, (435) 673-3553, or to the office for Civil Rights, US Department of Education, 1961 South Street, Denver, Colorado 80294.

### **MINIMUM REQUIRED COURSES**

Unless a student's SEOP (Student Educational Occupational Plan) calls for a different arrangement, each student shall complete the following in **8<sup>th</sup> Grade**:

Language Arts 8 (1)  
US History (1)  
Math (1)  
8<sup>th</sup> Grade Integrated Science (1)  
Intermediate Fitness (1)  
Art Foundations (.5)  
Digital Literacy (.5)  
Electives (2)

Unless a student's Individual Educational Plan calls for a different arrangement, each student will complete the following in **9<sup>th</sup> Grade**:

Language Arts 9 (1)  
 Math (1)  
 Earth Systems (1)  
 Geography for Life (.5)  
 Physical Skills (.5)  
 Business Office Specialist (.5)  
 Electives (3.5)

**\*\*See Pine View High School Graduation Requirements on next page\*\***

## **Pine View High School Graduation Requirements**

### **LANGUAGE ARTS**

**4 credits** including: LA 9, LA 10, LA 11, plus one credit of Applied or Advanced Courses (Creative Writing, Journalism, Debate, AP Literature, LA 12, Business Communications, World Languages 3, 4, or AP, current enrollment LA)

### **MATHEMATICS**

**3 credits** including: Elementary Algebra, Geometry, and one credit of Advanced Courses (Intermediate Algebra, Pre-calculus, AP Calculus, Problem Solving, Statistics, AP Statistics, Computer Programming, concurrent enrollment math) OR (optional with teacher approval) Algebra A and B and Geometry.

## **SCIENCE**

**3 credits** including: courses from two of the four areas of science on the Foundation Courses list **plus** an additional course from the Foundation Courses list or Applied and Advanced Courses list

Foundation Courses:

Area 1: Biology, Human Biology, Biology/Agricultural, AP Biology

Area 2: Chemistry, AP Chemistry

Area 3: Earth Systems Science

Area 4: Physics, Physics/Engineering, AP Physics

Applied and Advanced Courses:

Astronomy, Environmental Science, Floriculture, Animal Science, Natural Resource Science, Medical Anatomy and Physiology, Electronics, concurrent enrollment science

## **SOCIAL STUDIES**

**3 credits** including: Geography for Life, World Civilizations, U.S. History, and U.S. Government and Citizenship

## **THE ARTS**

**1.5 credits** from any of the following areas: visual arts, music, dance, theater

## **PHYSICAL AND HEALTH EDUCATION**

**2 credits** including: Participation Skills, Fitness for Life, Health, Individualized Lifetime Activities or team sport/athletic participation

## **CAREER AND TECHNICAL EDUCATION (CTE)**

**1 credit** from any of the following areas: agriculture, business, family and consumer sciences, health science and technology, information technology, marketing, technology and engineering, trade and technical

## **EDUCATIONAL TECHNOLOGY**

**.5 credit:** Business Office Specialist

## **GENERAL FINANCIAL LITERACY**

**.5 credit:** Financial Literacy

## Departments

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## Release Time

0200/0205 Course Title: **Release Time** Grade Level: 9  
**Course Description:** Students in this course are released from public school for one period of religious instruction.

## Special Classes

0600 Course Title: **Resource** Grade Level: 8-9  
 Credit: 1 Prerequisite: Teacher Approval  
**Course Description:** This class is designed to accommodate students with exceptional needs who, according to federal guidelines, qualify for these services. Emphasis could fall in any of several academic skill areas according to I.E.P. team decisions.

## English as a Second Language (ESOL)

0721 Course Title: **ESL English** Grade Level: 8-9  
 Credit: 2 Prerequisite: Teacher Approval

**Course Description:** This class is for students who are learning English as their second language. It is a two period course which focuses on the fundamental reading, writing, and speaking skills of the English language. The primary curriculum is centered around the READ 180 program. The ESL teacher's approval is required.

## Arts/Music/Theater

- 1160      Course Title: **General Art**      Grade Level: 8  
 Credit: .5      Prerequisite: Art Foundations 1  
**Course Description:** This course is an extension of the elementary core with emphasis on drawing, design elements & principles, and art history. It is a PREREQUISITE to all other art classes. There is a \$12 fee for supplies.
- 1192      Course Title: **Art II**      Grade Level: 9  
 Credit: .5      Prerequisite: Art Foundations 1  
**Course Description:** Art II is a course designed to give students a more in depth experience in design, various art mediums, and an introduction to life drawings. We will also emphasize different genres including fantasy, plein air, and animal paintings. Students are encouraged to take Art I before this course, but it is not required. There is a \$12 fee for supplies.
- 1630      Course Title: **Chorus II - Mixed**      Grade Level: 8-9  
 Credit: 1  
**Course Description:** This elective choir class will permit the student to further discover and develop talents in vocal music. Important musical terms, sight singing skills, and small ensemble experience will be offered. Through teamwork the students will learn up to 3-part harmonies and many pieces of literature. Students will experience the joys and satisfaction of performing in concerts and festivals. There is a \$12 fee for supplies.
- 1632      Course Title: **Chorus II -Advanced**      Grade Level: 9  
 Credit: 1      Prerequisite: Teacher Approval  
**Course Description:** This is a performance oriented select choir for 9th grade students. Membership is gained by having taken Chorus I or Chorus II during their 8th grade year. The class will enhance musicianship through preparation and performance of quality choral literature in a wide variety of styles and genres. Students will learn correct vocal technique, improve intonation and music reading skills, and understand stylistic differences in music literature. Costuming will be required and paid for by the participants. Performance is an integral part of this choir and students are expected to attend scheduled performances. Students will perform at a more advanced level and commitment than those in non-audition choirs. There is a \$12 fee for supplies.
- 1670      Course Title: **Chorus II Treble (Girls)**      Grade Level: 8-9  
 Credit: 1  
**Course Description:** This choir is designed for female students who wish to explore the wide variety of ladies choral literature. This class will stress good vocal music skills for the young female singer; including range development, sight reading skills, improvement in intonation, and vowel formation, etc. Students will explore treble literature from two to four parts in many styles. Performance is an integral element of this class. Student participation in these performances will be required. There is a \$12 fee for supplies.

- 1750 Course Title: **Band II Concert (8<sup>th</sup>)** Grade Level: 8  
 Credit: 1 Prerequisite: Intermediate Band  
**Course Description:** This course provides opportunities for advancement and refinement of musical potential, and nurtures music appreciation. This course includes marching, concerts, and competition. A uniform is required (Black shorts and black long pants, and a Band shirt). Students must provide instrument. Some larger brass and woodwind instruments are available for rent at \$75 per year, if rental includes mouthpiece. There is a \$12 fee for supplies.
- 1751 Course Title: **Band II Symphonic (9<sup>th</sup>)** Grade Level: 9  
 Credit: 1 Prerequisite: Band II Concert  
**Course Description:** This course provides opportunities for advancement and refinement of musical potential, and nurtures music appreciation. This course includes marching, concerts, and competition. A uniform is required (Black shorts and black long pants, and a Band shirt). Students must provide instrument. Some larger brass and woodwind instruments are available for rent at \$75 per year, if rental includes mouthpiece. There is a \$12 fee for supplies.
- 1753 Course Title: **Jazz Band** Grade Level: 8-9  
 Credit: .5 (May repeat) Prerequisite: Must also take a regular band class  
**Course Description:** The Jazz Band course is for students of advanced capabilities who have an interest in learning jazz, swing, and rock styles. **Class is held at 7:00 A.M. the same day as the regular band class.** There is a \$12 fee for supplies.
- 1754 Course Title: **Band II Percussion**
- 1760 Course Title: **Intermediate Orchestra** Grade Level: 8-9  
 Credit: 1 Prerequisite: Beginning Orchestra  
**Course Description:** This course will help students develop proficiency in playing string instruments. Emphasis will be placed on orchestral literature, style, performance, creativity, and appreciation of music. Students must provide their own instruments. Performances are required. Music difficulty will depend on the level of the class. (We have some of the larger instruments to rent.) There is a \$12 fee for supplies.
- 1950 Course Title: **Theater Foundations I** Grade Level: 8-9  
 Credit: .5  
**Course Description:** This course examines dramatic theories and establishes the basics of role playing, pantomime, oral interpretation, and characterization. The course will include performances, and students will develop the ability to read plays critically and to understand dramatic techniques. This is a lab class and has a fee of 12.00, it is charged to cover the materials and costumes for the performance.
- 1960 Course Title: **Theater Foundations II** Grade Level: 9  
 Credit: .5 Prerequisite: Beg. Theater or Teacher Approval  
**Course Description:** This course gives students advanced training in the fundamentals mastered in the Beginning Theater course. In addition, students will begin to develop proficiency in acting, directing, and auditioning. This is a lab class and has a fee of 12.00, it is charged to cover the materials and costumes for the performance.

4260 Course Title: **Film & Media Arts** Grade Level: 8-9  
Credit: .5

**Course Description:** An introduction to four most basic phases of film making: Development, Pre production, Production, and Post-Production. This course covers higher-level thinking skills and art- related technology skills with an emphasis on the creation of films. There is a \$12 fee for supplies.

## Science

3220 Course Title: **Integrated Science 8** Grade Level:8  
Credit: 1 Required

**Course Description:** This course focuses on the constant interaction of matter and energy in nature. Students will explore how matter is arranged into either simple or complex substances. Emphasis will be on how substances store and transfer energy, which can cause them to interact physically and chemically, provide energy to living organisms, or be harnessed and used by humans. Matter and energy cycle and change in ecosystems through processes that occur during photosynthesis and cellular respiration. Additionally, substances that provide a benefit to organisms, including humans, are unevenly distributed on Earth due to geologic and atmospheric systems. Hands-on, student-centered approaches to instruction with student as scientist is emphasized. \$10 Lab Fee

3220 Course Title: **Honors Integrated Science 8** Grade Level: 8  
Credit: 1 Prerequisite: Teacher Approval

**Course Description:** : The main goal of this course is to develop an understanding of modern science and technology through experimentation and inquiry. Students will explore with depth and complexity topics such as the nature of matter, ecosystems, forces, transfer and storing of energy, natural resources and relationships between biological and physical processes. Students will participate in labs and projects that will develop the following skills: writing, math, inquiry, time management, cooperation, and presentation skills. Students in honors science will be expected to think critically to solve problems. Application must be turned in for consideration. Teacher approval is required. \$10 Lab Fee

3240 Course Title: **Earth Science** Grade Level: 9  
Credit: 1 Required

**Course Description:** This course focuses on the theme of Earth Systems. Earth, physical, space, and science content are integrated in a curriculum with two primary goals: (1) students will value and use science as a process of obtaining knowledge based on observable evidence, and (2) students will develop an understanding of interactions and interdependence within and between earth systems and changes in earth systems over time. Two major concepts underlying the operation of earth systems may be summarized as matter cycles, and energy flows. Students will understand how Earth Science interacts with society. Emphasis is placed on the interconnections among earths systems and on understanding how alterations in one part may affect the system as a whole. Hands-on, student-centered approaches to instruction with student as scientist is emphasized. \$10 Lab Fee

3525 Course Title: **Honors Biology** Grade Level: 9  
Credit: 1 Prerequisite: Teacher Approval

**Course Description:** This course exposes students to a wide range of biological science topics in ecology, cell biology, heredity and genetics, diversity of life, and change through time. The development of reading, writing and critical thinking skills in science will be emphasized. Students will acquire basic science skills through participation in various hands-on activities and labs. This class is a full year commitment. Teacher approval is required, an application must be submitted. \$20 lab fee.



## Language Arts

- 4080 Course Title: **Language Arts 8** Grade Level: 8  
 Credit: 1  
 Required  
**Course Description:** This course is designed to continue the emphasis on written language skills begun in 7<sup>th</sup> grade. Students will review basic writing skills and extend those skills. Emphasis will be placed on writing a variety of paragraphs, reports, short stories, letters, poetry, and essays. Parts of speech, usage, spelling, vocabulary development, and writing mechanics will be taught within the writing context. Literature covered will include a variety of poetic forms, classic short stories, myths and legends, dramatic scripts, and novels.
- 4086 Course Title: **Language Arts 8 Honors** Grade Level: 8  
 Credit: 1 Required  
**Course Description:** This course is designed to continue the emphasis on written language skills begun in 7<sup>th</sup> grade. Students will review basic writing skills and extend those skills. Emphasis will be placed on writing a variety of paragraphs, reports, short stories, letters, poetry, and essays. Parts of speech, usage, spelling, vocabulary development, and writing mechanics will be taught within the writing context. Literature covered will include a variety of poetic forms, classic short stories, myths and legends, dramatic scripts, and novels.
- 4090 Course Title: **Language Arts 9** Grade Level: 9  
 Credit: 1 Required  
**Course Description:** This English course develops language skills, comprehension (reading and listening), and composition (writing and speaking). Students will continue their study of poetry, short stories, the novel, and drama. They will be introduced to Shakespeare. Imaginative, descriptive, informative, and persuasive papers will be required in this course.
- 4095 Course Title: **Language Arts 9 Honors** Grade Level: 9  
 Credit: 1 Required  
**Course Description:** This English course develops language skills, comprehension (reading and listening), and composition (writing and speaking). Students will continue their study of poetry, short stories, the novel, and drama. They will be introduced to Shakespeare. Imaginative, descriptive, informative, and persuasive papers will be required in this course.
- 4160 Course Title: **Publications - Yearbook** Grade Level: 8-9  
 Credit: 1 Prerequisite: Teacher Approval + Application  
**Course Description:** This course is designed to produce the school yearbook. Students will be involved with each step of yearbook production: theme selection, cover design, layout and design for various sections, photography, and sales promotion. There is a \$55 fee for supplies.
- 4171 Course Title: **Reading for Pleasure** Grade Level: 8-9  
 Credit: .5  
**Course Description:** This class has two goals: to improve student reading and to explore the world of imagination. This class is not just a recreational reading class. Students will also become better readers, as they learn strategies to comprehend and decode literature through daily reading, writing, and mini-lessons. The students' reading levels will be assessed throughout the semester and specific recommendations will be made about how to improve their reading.
- 4180 Course Title: **Creative Writing I** Grade Level: 8-9  
 Credit: 1  
**Course Description:** Expanding creativity and enjoying writing are the goals of this creative writing class. Students will write and create independently and in small groups, exploring a variety of genres and forms. Projects may include personal narratives, short fiction, drama, poetry, cartoons, children's stories, ads, lyrics, and other creative work. Focus is not on grammar and mechanics, but on expanding the students' own experience, comfort and ability level in writing within a workshop environment.

## Foreign Language

4740 Course Title: **Spanish 1** Grade Level: 8-9  
 Credit: 1 Prerequisite: No Grade lower than C in English

**Course Description:** Students may begin without the knowledge of foreign language. Through repetition and creative immersion activities, their expressions progress so they develop some flexibility with words and short phrases. A “C” grade or higher in English is required for this course.

4750 Course Title: **Spanish 2** Grade Level: 9  
 Credit: 1 Prerequisite: Spanish 1

**Course Description:** This course is a continuation of Spanish 1. More emphasis will be placed on oral practice. The areas of study will focus on verb use in the future tense and past tenses. The instructional format will be identical to that of Spanish 1.

## Math

5808M Course Title: **8<sup>th</sup> Grade Mathematics** Grade Level: 8  
 Credit: 1

**Course Description:** In 8<sup>th</sup> Grade Mathematics students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

5808MH Course Title: **8th Grade Mathenmatics Extended** Grade Level:8  
 Credit: 1

**Course Description:** Students will focus on formulating and reasoning about expressions and equations, including modeling an association in bi-variate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

5808MCA Course Title: **8th Math Consolidated** Grade Level: 8  
 Credit: 1

**Course Description:** Students will complete the fourth quarter work in Math 8. Students must get a 4 on the end of level RISE test. They will also complete all of Secondary Math 1 curriculum. Students must complete the entire Secondary Math 1 Curriculum on ALEKS. They must also complete a minimum of 400 topics in Secondary Math II during the 4th quarter.

5809M Course Title: **Secondary Mathematics I-Algebra and Geometry** Grade Level: 9  
 Credit: 1

**Course Description:** Students in Secondary Mathematics I will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

5809 MH Course Title: **Secondary Mathematics I Extended** Grade Level: 9  
 Credit: 1  
**Course Description:** Students in Secondary Mathematics I Honors will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Honors students will represent quantities, model, and perform operations using vectors and use matrices to perform operations and solve problems.

5809 MB Course Title: **Secondary Mathematics I Block** Grade Level: 9  
 Credit: 1  
**Course Description:**

5810 MH Course Title: **Secondary Mathematics 2 Extended** Grade Level: 9  
 Credit: 1  
**Course Description:**

## Social Studies

6120 Course Title: **United States History I** Grade Level: 8  
 Credit: 1 Required  
**Course Description:** Students will be introduced to a study of U.S. history from colonization to and including the present. The course will focus on the “Epic of America”, the development of the United States as a strong and free nation. The primary emphasis at this level should be the social history and economic development of the country. The course will include a unit of study on the process and structure of democratic governance, including the constitution. The student’s responsibility to the law will be emphasized.

- 6200 Course Title: **Geography for Life** Grade Level: 9  
 Credit: .5 Required  
**Course Description:** This course is required for all 9th Grade Students. The course will focus on the study of the earth's surface and the distribution of life on the planet. We will study the processes that shape the Earth, as well as, the spatial makeup of cultures, communities, and human systems. We will develop mapping skills as we study North America, South America, Europe, Africa, and Asia.
- 6205 Course Title: **Geography for Life Honors** Grade Level: 9  
 Credit: .5 Required  
**Course Description:** This course is required for all 9th Grade Students. The course will focus on the study of the earth's surface and the distribution of life on the planet. We will study the processes that shape the Earth, as well as, the spatial makeup of cultures, communities, and human systems. We will develop mapping skills as we study North America, South America, Europe, Africa, and Asia.
- 6000 Course Title: **AF JROTC - Aerospace Science 410 Survival** Grade Level: 9  
 Credit: 1 Prerequisite: ROTC acceptance  
 Fee: \$20  
**Course Description:** This is the first course in the Air Force Jr. ROTC program. It is designed to acquaint the student with the historical development of flight and the role of the military in history. Students are also introduced to Air Force customs and courtesies and basic drill. In addition to classroom activities, students will also be involved in activities such as Summer Leadership Camp, KC-135 flight, building a hot air balloon, and a field trip to Nellis Air Force Base. This course is taught at Pine View High School, and transportation is provided. There is no military obligation. Students are required to wear the ROTC uniform once a week. Course fee is \$20 payable to PVHS. **\*\*\*Full Year Class-parent and student must sign and accept contract. Cannot drop class during the year! Bus leaves PVMS 8:00-8:05 a.m.**

## Student Aides

- 6350 Course Title: **Teacher Aide** Grade Level: 9
- 6351 Course Title: **Office Aide** Prerequisite: Teacher Approval with GPA
- 6352 Course Title: **Media Aide** 3.0 and Excellent Attendance
- 6361 Course Title: **Elementary Aide**  
**Course Description:** In this class students will be assigned to work under the supervision of either a teacher or one of the general school officials as an assistant. They will be expected to do filing, duplication, assisting in preparations of non-student and non-confidential records. They may be assigned to do other projects such as creating, preparing, and posting bulletin boards and making room and hall displays. Student aides are expected to be responsible individuals who can do their assigned tasks with a minimum of direct supervision. Student aides may be assigned as Office Aides, Media Aides, Teacher Aides, or Elementary Aides.

6358 Course Title: **Peer Tutor**

Grade Level: 9

Credit: .5

Prerequisite: Teacher Approval

**Course Description:** The purpose of this course is to give students an opportunity to assist and tutor students in the self-contained special education classroom. Peer tutors will learn how to teach functional concepts and other programs as trained by the classroom teacher. Students will have an opportunity to plan one learning activity for the class each quarter with the teacher's assistance.

## Healthy Lifestyles

7650 Course Title: **Intermediate Fitness**

Grade Level: 8

Credit: .5

Required

**Course Description:** Students will develop lifetime attitudes regarding physical activity and healthy lifestyles during this time. The movement and fitness curriculum is based upon the assumptions that (1) skill development is on-going and progressive, (2) life-time activity attitudes are best internalized by continued practice, (3) students need to incorporate principles of fitness into their daily lives. The program is a sequence of experiences in a number of activities that challenge all ability levels. It focuses on social interaction and cognitive learning, as well as skill development with progressive levels of difficulty.

7706 Course Title: **Physical Skills 1**

Grade Level: 9

Credit: .5

Required

**Course Description:** This course develops participation skills and techniques in a variety of team and individual games and dance activities.

7782 Course Title: **Weight Training**

Grade Level: 8-9

Credit: .5

Prerequisite: P.E. Teacher Approval

**Course Description:** This course is designed to increase strength, speed, quickness, and agility. Through the use of weight training, flexibility exercises, and running, students increase their endurance and improve overall body conditioning

7770 Course Title: **Body Toning**

Grade Level: 8-9

Credit: .5

Prerequisite: P.E. Teacher Approval

**Course Description:** Body Toning is designed to increase individual strength and conditioning. This course teaches students about all machines and lifts in the weight room. Every student has the opportunity to make and complete their own fitness plan according to their individual needs and strengths. Students increase in knowledge of muscles, their uses, and what exercises and machine work each muscle. This is a beginning course so students may feel of the power and strength they may want to explore and achieve.

## Career and Technical Education (CTE)

\* A **pathway** class is a class (in a series of classes) that makes a pathway for a career that fits a student's interests. The pathway recommends individual high school courses – both academic and career-related – to concentrate on which are specifically geared toward the student's chosen career. All of this planning starts as early as middle/junior high school and continues as the student advances through high school.

8430 Course Title: **FACS Exploration (Family and Consumer Science)**

Grade Level: 8

Credit: .5

Fee: \$2.00

**Course Description:** This course allows students to have a brief introduction to many of the Family and Consumer Sciences fields of study. The areas we cover include: housing and interior design, family and human development, child development, food and nutrition (cooking!) and clothing/textiles (sewing!). There is a \$20 fee for supplies.

8469 Course Title: **Fashion Design Studio \***

Grade Level: 9

Credit: .5

**Course Description:** There is NO sewing involved in this class. This course explores how fashion influences everyday life and introduces students to the fashion industry. Topics covered include: fashion fundamentals, elements and principles of design, textiles, consumerism, and fashion related careers, with an emphasis on personal application. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. FCCLA and/or DECA may be an integral part of this course. There is a \$15 fee for supplies.

8475 Course Title: **Designer Sewing I\***

Grade Level: 9

Credit: .5

Projects cost approximately \$25-30

**Course Description:** YES, this IS a sewing class! You will be expected to provide materials for approximately six projects over the course of the semester.

This course introduces students to basic apparel design and construction skills. These skills prepare students for the exciting global apparel industry and entrepreneurial opportunities. Students will sew apparel and accessory projects. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. Student leadership and competitive events (FCCLA) may be integrated into this course. There is a \$15 fee for supplies.

8477 Course Title: **Food and Nutrition I \***

Grade Level: 9

Credit: .5

**Course Description:** An activity based hands-on course that prepares the students to identify and use kitchen equipment, demonstrate food safety and sanitation. The students will also acquire new knowledge about the “my plate” and identify the six nutrients. The students will receive their very own PVMS recipe book. This course is definitely fun and exciting. There is a \$5 fee for supplies.

- 8518 Course Title: **Business Office Specialist\*** Grade Level: 9  
 Credit: .5 Required
- Course Description:** This semester course intended to help students obtain Microsoft Office Specialist Certification in Word, Excel and Powerpoint. Students will be able to navigate Microsoft Office 2016 software at the feature and functionality level and be knowledgeable and confident using a minimum of 80% of the features and capabilities of these programs. This is a required class to graduate from high school.
- 8535 Course Title: **Exploring Business & Marketing\*** Grade Level: 9  
 Credit: .5 **Course Description:** We are going to have fun making money and learning about running a business. This class will prepare you to take a college credited class, entrepreneurship at the high school. You are going to be exposed to many parts of life in this class. All of which are centered around business topics such as; building a resume, interviewing skills for potential jobs, budgeting your money, the image/branding of a business, finances/accounting, stock market and entrepreneurship. Students will have the opportunity to earn an industry certificate that they will be able to use on college applications and resumes. Real world information in this class that you will use what you've learn sometime soon!
- 2020 Course Title: **Business Digital Literacy** Grade Level: 8  
 Credit: .5 Required
- Course Description:** This course will help students understand the main parts and functions of a computer and become more familiar with the hardware, operating system, network and the World Wide Web. Students will learn the different types of internet connections available, how to search for information, use email and publish on the web. They will develop an understanding of the importance of computer security and privacy, and how to protect themselves from computer threats and secure their email and exchanges on the web. They will gain a good knowledge of word, spreadsheets, presentations and databases and also learn about web video technologies, digital photography, speech recognition and many more interesting digital technologies.
- 8682 Course Title: **Intro to Python 1 (Coding)** Grade Level: 9  
 Credit: .5 Fee: \$10
- Course Description:** This course is an introduction to the Python programming language. Code Lego EV3 robots with Python as part of your experience. This course is intended for students who have no programming experience, yet will still challenge those who have coded before. While Python is easy for beginners to learn, it is widely used in many scientific areas for data exploration - code your own programs, apps, and simple console based games.
- 8683 Course Title: **Intro to Python 2 (Coding)** Grade Level: 9  
 Credit: .5 Prerequisite: Intro to Python 1  
 Fee: \$10
- Course Description:** Intro to Python 2 is the 2nd course in Python which will increase your coding experience with console based gaming programming as well as apps. This class will serve as a prerequisite to taking the concurrent enrollment courses in programming at the high school

level. Code the newest Lego EV3 robots with Python as part of your experience and participate in classroom competitions!

8630 Course Title: **Exploring Technology**

Grade Level: 8

Credit: .5

Fee: \$10

**Course Description:** This is a fun and exciting course where students will learn about the many technologies in our society through hands on projects. Each student will learn how to safely use power tools, hand tools, and machines as they construct projects like a wood pen, boomerang, and CO2 car to keep and enjoy.

8603 Course Title: **Construction Technology\***

Grade Level: 9

Credit: .5

Fee: \$10

**Course Description:** This is a “hands on” course that provides students with an understanding of how construction impacts their life, both socially and professionally. Students will explore and demonstrate an understanding of 5 elements of construction: Career opportunities, design, measurements, tools, and materials. Students will help construct a shed as a class, as well as a longboard of their own in the lab.

8645 Course Title: **Manufacturing Technology\***

Grade Level: 9

Prerequisite: 8630 Exploring Technology

Credit: .5

Fee: \$10

**Course Description:** This is a hands on course that introduces students to manufacturing technology by changing raw materials into finished products by using current manufacturing technologies including automated systems. Students will construct a plastic resin pen, pickle ball paddle, and other useful items to keep while working in the lab.

8633 Course Title: **Engineering Technology**

Grade Level: 9

Credit: .5

Fee: \$10

**Course Description:** In this hands-on course, students will:

- Create a product using the engineering design process
- Design and print 3d objects
- Build projects using gears, pulleys, and other simple machines
- Program microcontrollers
- Build circuits
- Investigate engineering jobs
- Design and build a personal project

\*\*\*All elective shop classes have required projects. These projects must be paid for in advance if the student desires to take the project home. The cost for these classes averages about \$15. This includes the shop fee.