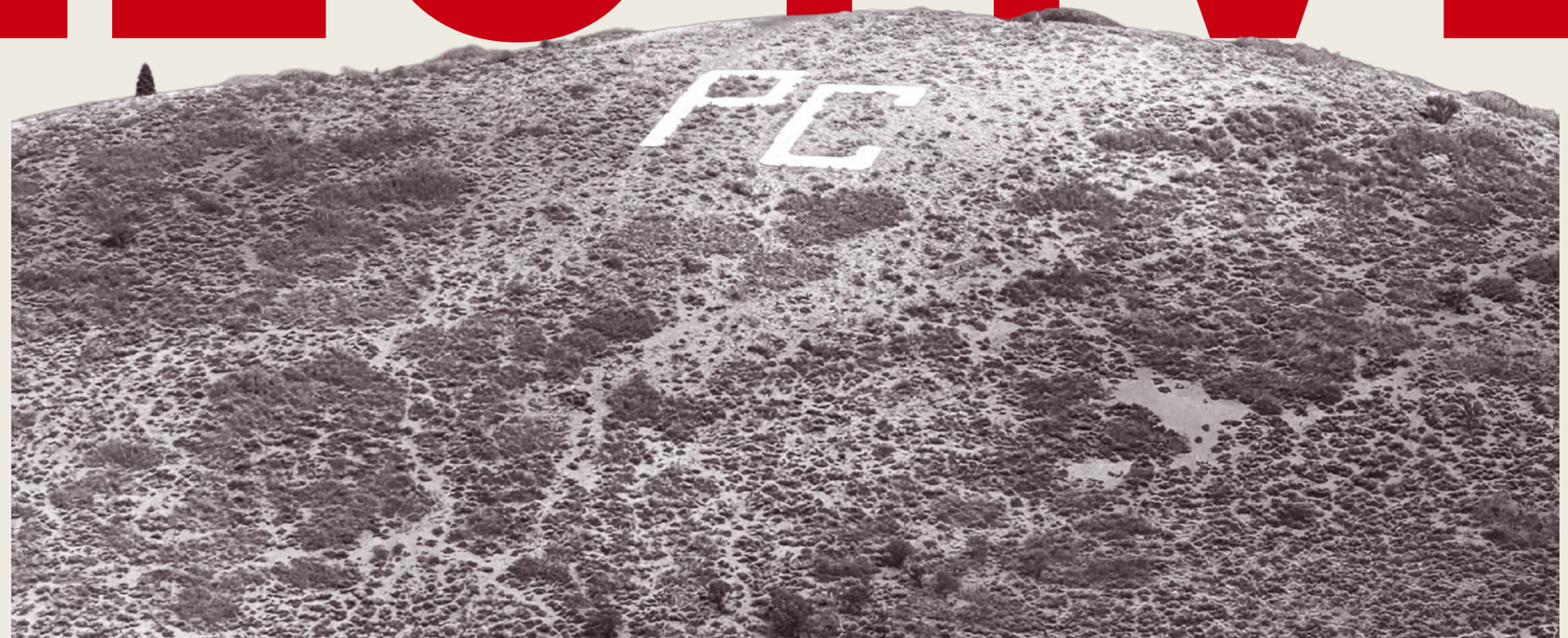
PCHS ELECTIVES



2026 - 2027

3/3/26

CTE: CRIMINAL LAW



This ***highly*** collaborative semester course provides and overview of the criminal justice system, including the nature of crimes, constitutional rights, and the procedures of arrest from trial through corrections. **Seniors and juniors** will explore the roles of law enforcement and the Courts. Join one of our teams as we study contemporary crimes and the impact of these crimes on the victims, plaintiffs, and defendants.

MODERN MUSIC

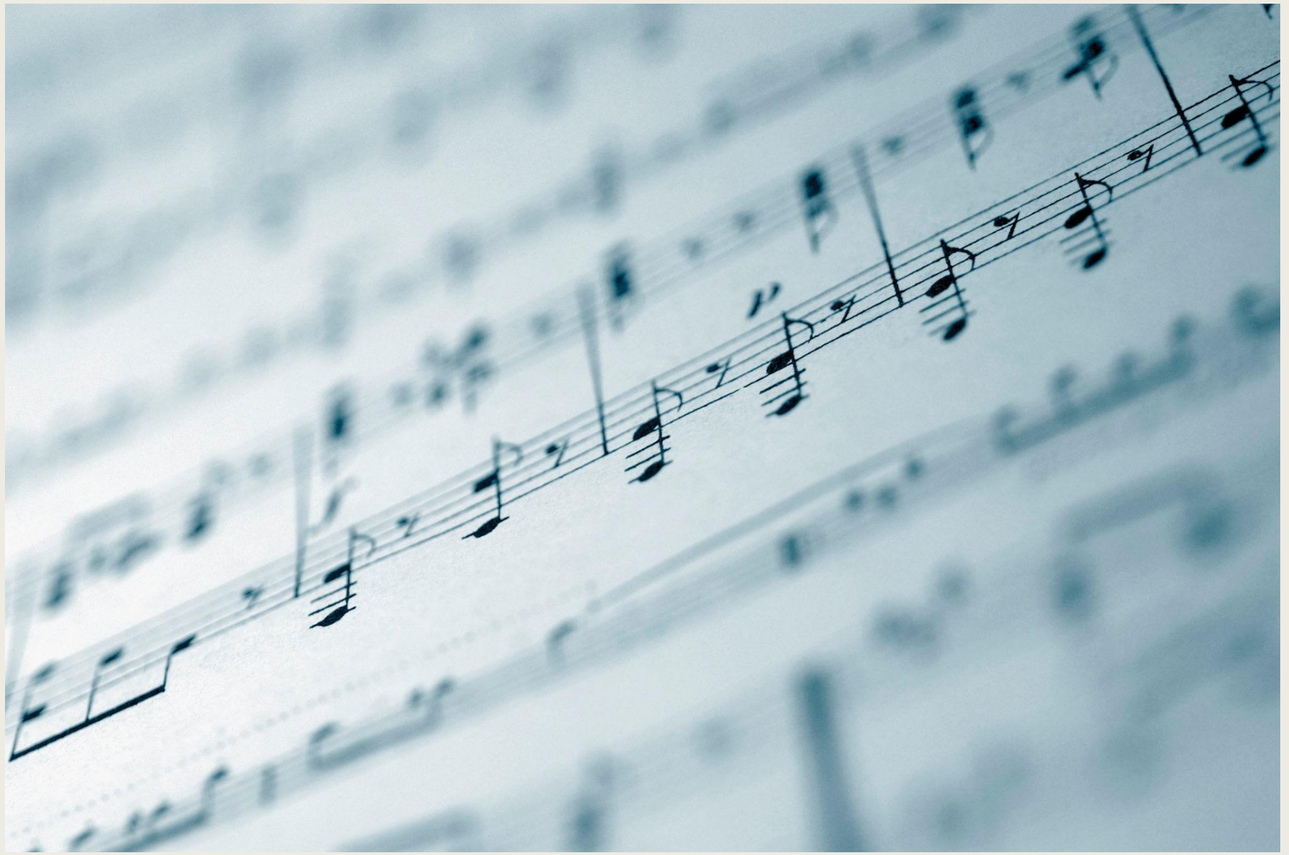


In this Modern Music Production class, you'll dive into hands-on music creation and performance, developing foundational skills across guitar, piano, drums, vocals, and digital production. Through focused units on instruments, songwriting, and digital audio workstations (DAWs), students will explore the essentials of rock, pop, and contemporary beats. Key topics include recording, beat-making, sound design, and composition, culminating in a music video project that showcases individual creativity and technical skill. No prior music experience required—just a passion for music and creativity!

NO MUSIC EXPERIENCE REQUIRED!
LEARN GUITAR, KEYBOARD & MUSIC PRODUCTION
FINE ART CREDIT
SEMESTER COURSE

AP Music Theory

This class is strongly encouraged for any student who is considering being a music major or minor in college. The curriculum is modeled after collegiate level aural and written music theory courses for majors. Course averages approximately two hours of homework per week. This course cannot be repeated for credit. Students have the opportunity to take the AP Music Theory Exam in May. Students may be able to earn college credit for a qualifying score.



FOR STUDENTS CURRENTLY ENROLLED IN MUSIC ENSEMBLE CLASSES

ORCHESTRA

This selection is for any student that plays violin, viola, cello, or upright bass. Selecting “ORCHESTRA” enrolls you in the strings program for the coming year, where you will then be placed into an appropriate leveled ensemble based on previous experience, instrument proficiency, and prior commitments to the program. After enrollment, the instrumental music staff will appropriately assign students to either *Chamber Orchestra* or *Concert Orchestra.* All orchestra classes are 1.0 offerings that receive FA graduation credit.







FOR STUDENTS WHO PLAY VIOLIN, VIOLA, CELLO, OR BASS!!

OPPORTUNITIES FOR FIELD TRIPS AND TOURS!

Band

This selection is for any student that plays a band instrument. Selecting “BAND” enrolls you in the band program for the coming year, where you will then be placed into an appropriate leveled ensemble based on previous experience, instrument proficiency, and prior commitments to the program. After enrollment, the instrumental music staff will appropriately assign students to either *Concert Band* or *Wind Ensemble.* All band classes are 1.0 offerings that receive FA graduation credit.

FOR STUDENTS WHO PLAY A BAND INSTRUMENT!!

OPPORTUNITIES FOR FIELD TRIPS AND TOURS!

Music Appreciation: Music 1010 CE



No music background needed. Uncover how melody, harmony, rhythm, and form shape the songs we love while exploring the stories of iconic artists and composers. From Beethoven to Beyoncé, learn how music connects and inspires us. No musical experience expected or needed—just bring your curiosity and passion for sound! PLUS earn fine art credit at the high school and get college credit for it!

CE FINE ARTS CREDIT

NO MUSIC EXPERIENCE NEEDED!



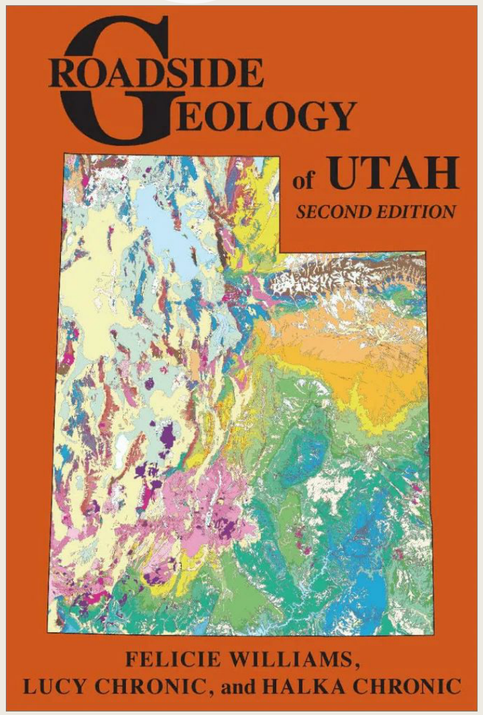
Geology

w/CE Option



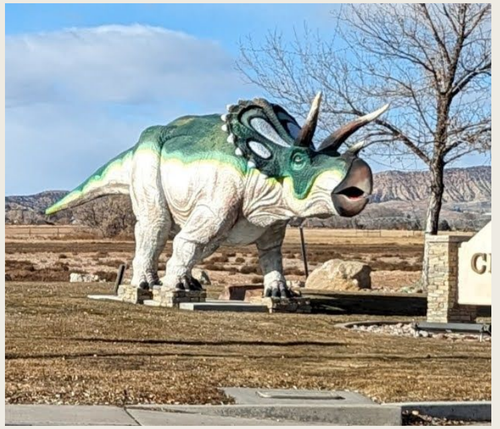
grades 10th - 12th

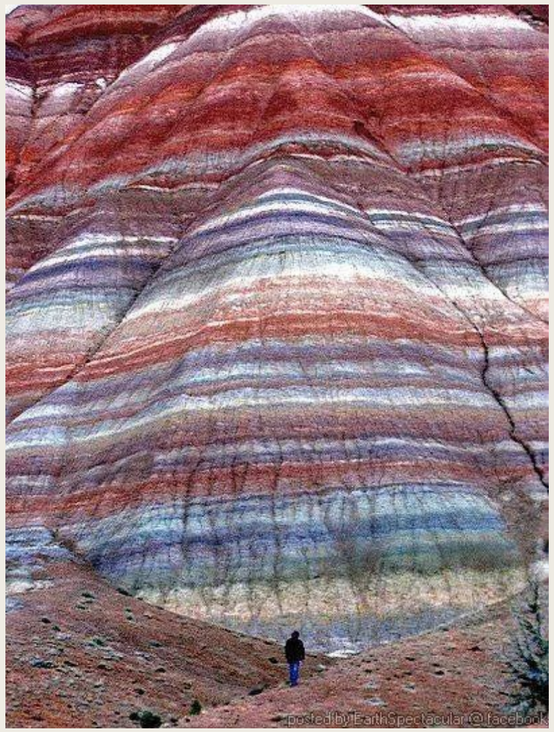
Learn about earth processes, rocks and fossils. This class ROCKS!



Field Trips to see geology stuff!







Physical Education

Have a Brain Break in your day, Get out of your chairs, Move around, Get outside, Have fun, play games with your friends!

Your focus, concentration, grades will be better for it!

PCHS PE Classes offered:

Yoga/Pilates

Team Sports

Weights & Athletic Strength Training

Fitness For Life

Participation, Skills & Technique



HEALTH SCIENCE, INTRODUCTION

for
Grades 9-10
Semester Course

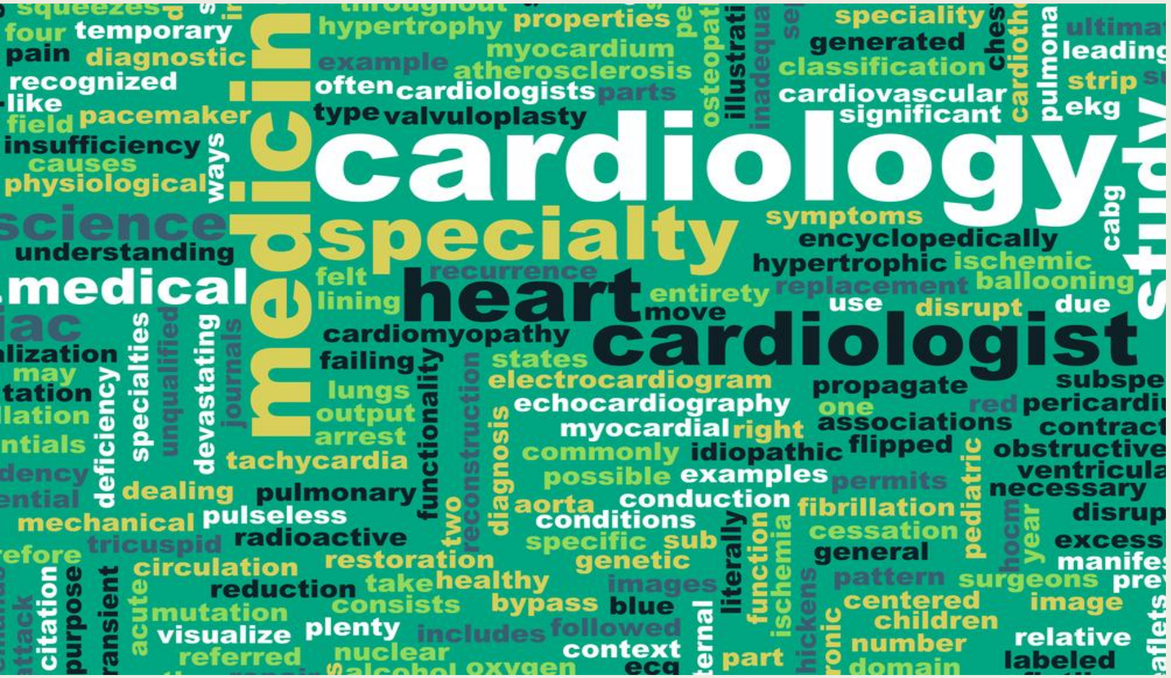
CTE Health Sciences

Wondering if Health Sciences are for you? Check out this intro couse

Learn about health care professions

Introduction to your body’s anatomy





Medical Terminology

for Grades 9-12 Semester Course

Wondering what the heck you care provider is saying???

Learn about the language of health care, great foundation course for all CTE Health Science classes

CTE Health Sciences

Emergency Medical Responder

Wonder how you would react in an emergency?

Learn the skills to help others when medical or traumatic injuries occur.

for
Grades 10-12

Semester Course
-CE credit available
-Certifcation Course



CTE Health Sciences

Medical Anatomy & Physiology

for
Grades 10-12
Full Year Course



Your body is with you for your entire life.

Why not understand how it works and what makes stuff move.

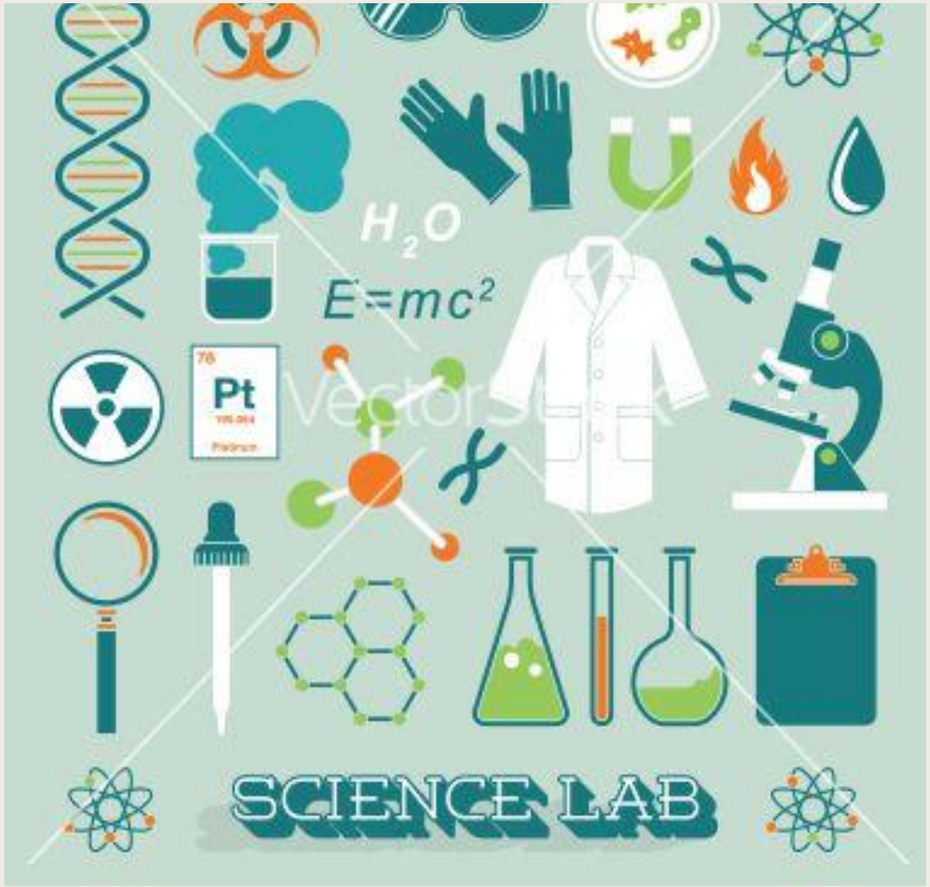
What happens when things go wrong and how to talk to your care providers on a whole new level.

CTE Health Sciences

Biotechnology

for
Grades 11-12
Full Year Course

CE credit available



Interested in research based science?

The ethics of CRISPR, GMO's and personalized medicine.

Want to do lots of cool labs....

CTE Health Sciences

Sports Medicine

for
Grades 11-12
Full Year Course



Athlete? Thinking about a career in PT or OT? Just think taping is cool?

CTE Health Sciences

Physical Therapy (PT)Technician



for
Grades 11-12
PCCAPS
Full Year Course

Thinking about a career in PT or OT?

Like the idea of helping people rehab from injury or medical issues?

CTE Health Sciences



Certified Nursing Assistant (CNA)

for:
Grades 11-12

Semester course
-MTECH credit
-National Certification

Want to get working in a hospital or care facility?

Thinking about a career in Nursing?

CTE Health Sciences

Medical Assisting (MA)

for
Grade 12

Year long course at the MTECH campus

-National Certifcation

CTE Health Sciences

Want to get working in a hospital or care faciltity?

Thinking about a career in Health Sciences and need to pay for college?



Emergency Medical Technician (EMT)

for
Grade 12

Year long course
-MTECH credit
-National Certifcation/State Licensure Course

Wonder how you would react in an emergency?

Learn the skills to help others when medical or traumatic injuries occur.



CTE Health Sciences

Peer Tutoring!

Peer Tutoring is a great way to meet some fun people and help some even better people in their classes!



<u>Attendance is important to get a good grade!!!</u>

This class is a service course. Students work with individuals who have moderate to severe disabilities in classroom and community settings.

REGISTER FOR PHOTOGRAPHY



PCHS_PHOTO

LEARN THE ART OF FILM AND DIGITAL PHOTOGRAPHY.

Do you want to learn the basics of film and digital photography? This class is for you! Its fun, hands-on, and way magical!

HIGHLIGHTS:

- Projects examples: portraits, studio lighting, darkroom printing, digital cameras, 35mm film cameras, Adobe Photoshop & Lightroom
- Learn the fundamental practices of 35mm Film and Darkroom printing
- Leave this class with a Professional Portfolio of your art work!

.5 Credit of Fine Art and leads into AP Photography

Photography

Priority given to 11th and 12th grades - then 10th grade.

-Learn Camera Basics
- Lightroom/Photoshop
-35mm Film Processes and Darkroom Developing
-Take photos during class
-Create a Portfolio
-Pre-requisite to AP Photography

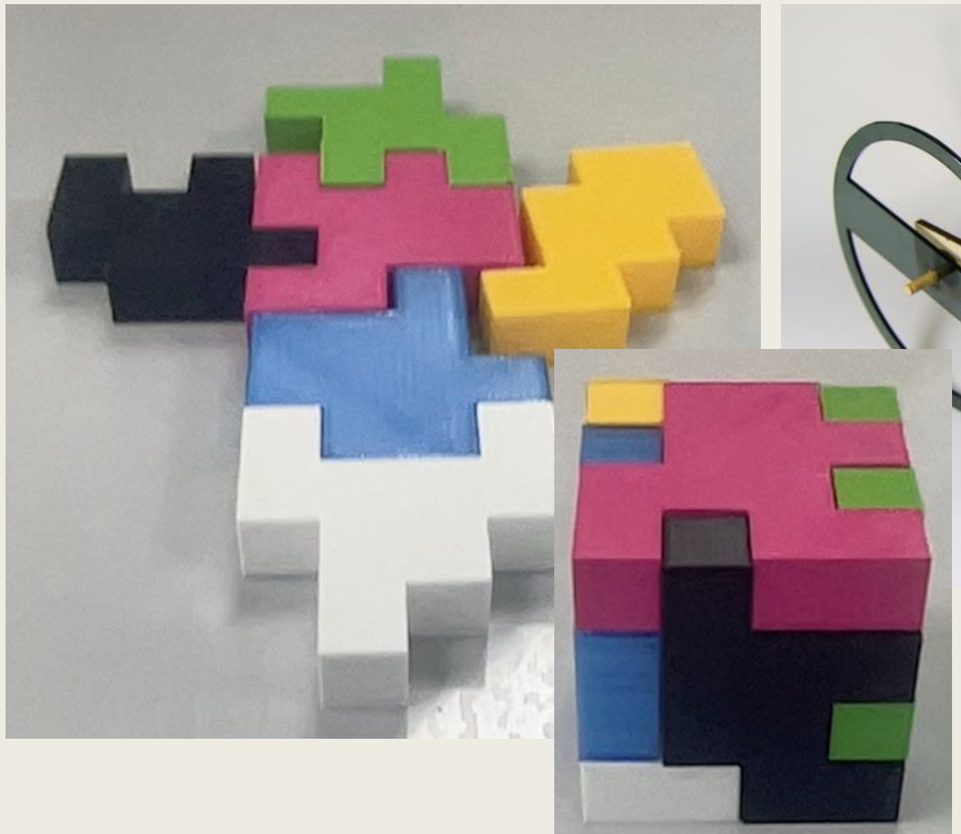
.5 Fine Arts, Semester

ENGINEERING TECH

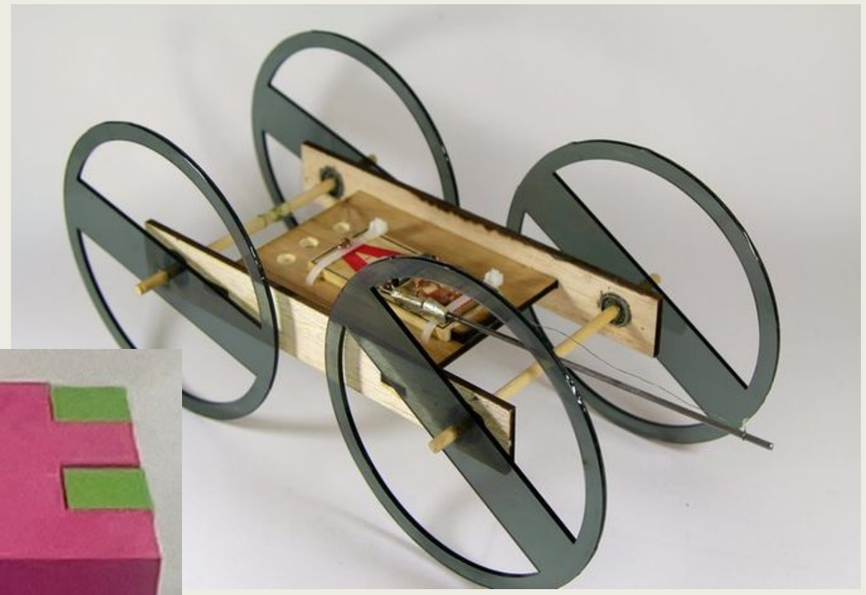
GRADES 9-10 ONE SEMESTER

INTRODUCTION TO ENGINEERING - PROJECT BASED

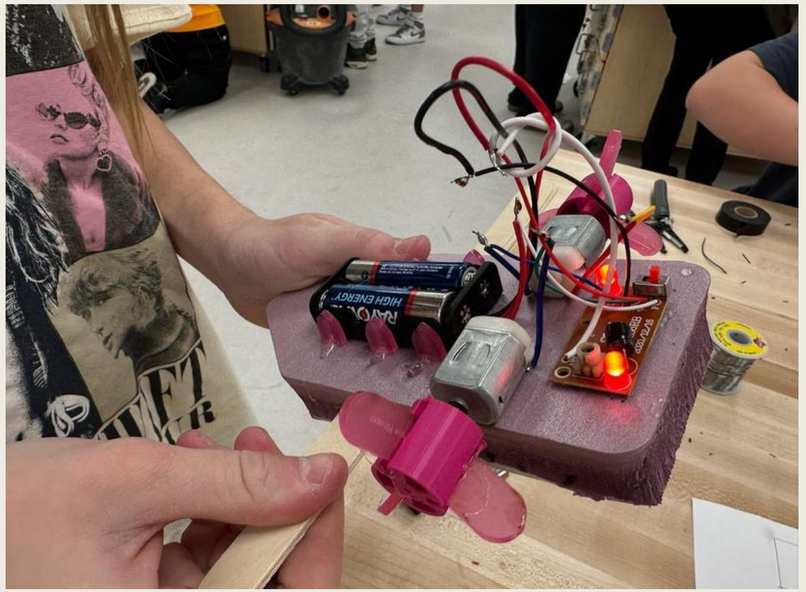
3D PRINTING
& DESIGN



MECHANICAL ENGINEERING
LASER CUTTING



ELECTRICAL SCIENCE
ARDUINO, RC BOATS & SOLDERING

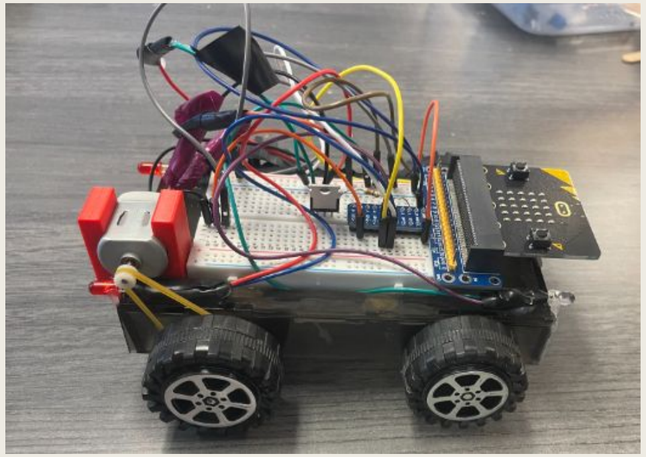


ROBOTICS

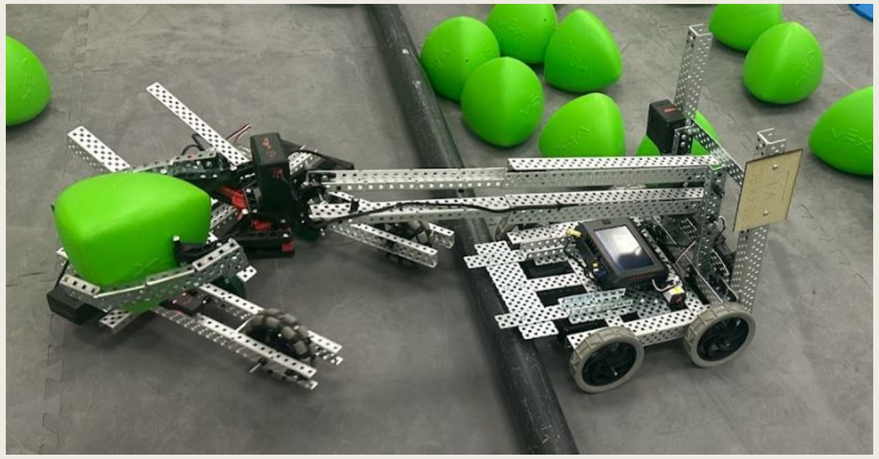
GRADES 9-12 ONE SEMESTER

INTRODUCTION TO ROBOTICS - GAME & PROJECT BASED

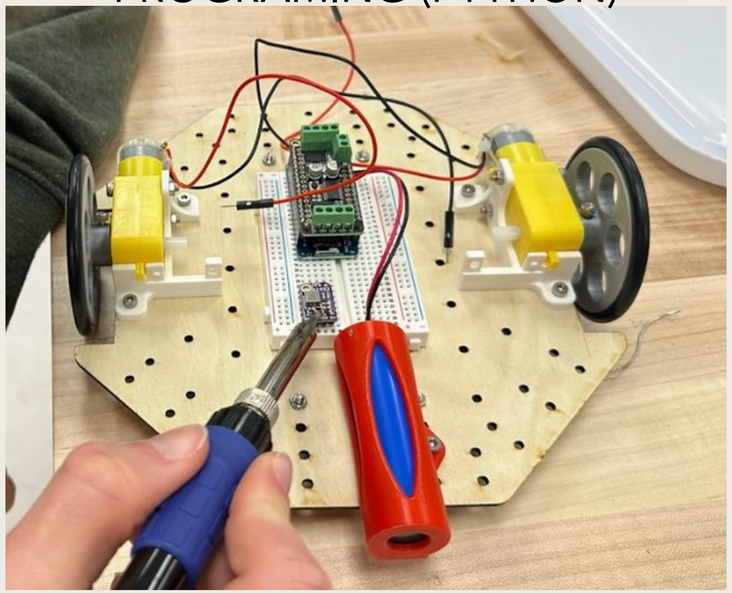
LASER CUTTING &
3D DESIGN



ROBOTICS GAME BASED (PYTHON &
BLOCK)



SOLDERING, AND MICRO CONTROLLER
PROGRAMING (PYTHON)



TECHNICAL DESIGN 1

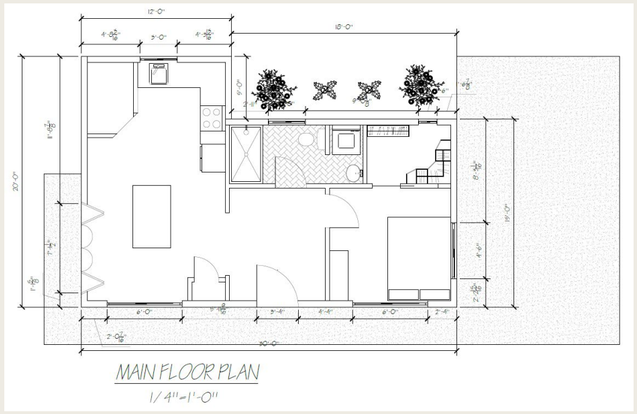
GRADES 9-12 ONE SEMESTER

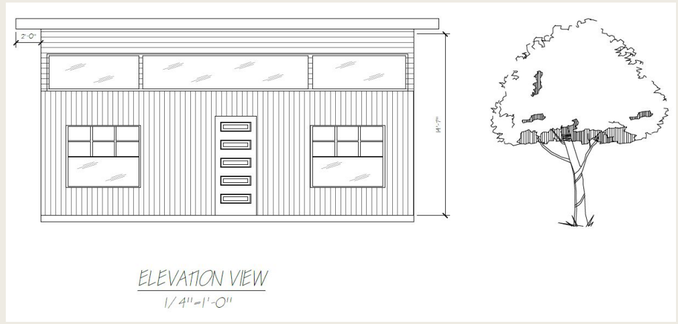
INTRODUCTION TO 2D & 3D COMPUTER-AIDED DESIGN (CAD)

3D PRINTING
& DESIGN

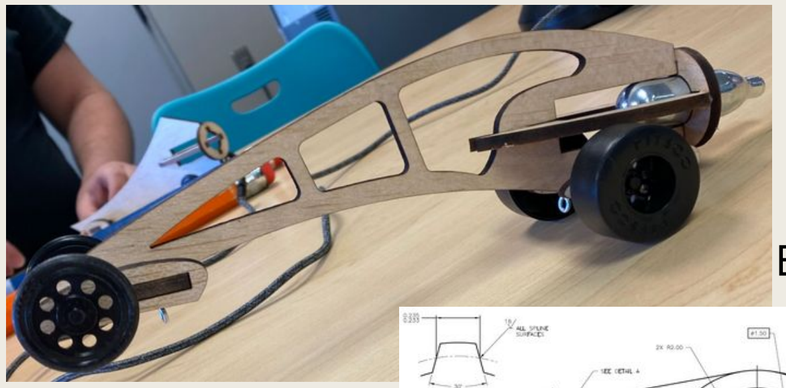


CAD DESIGN
ARCHITECTURE

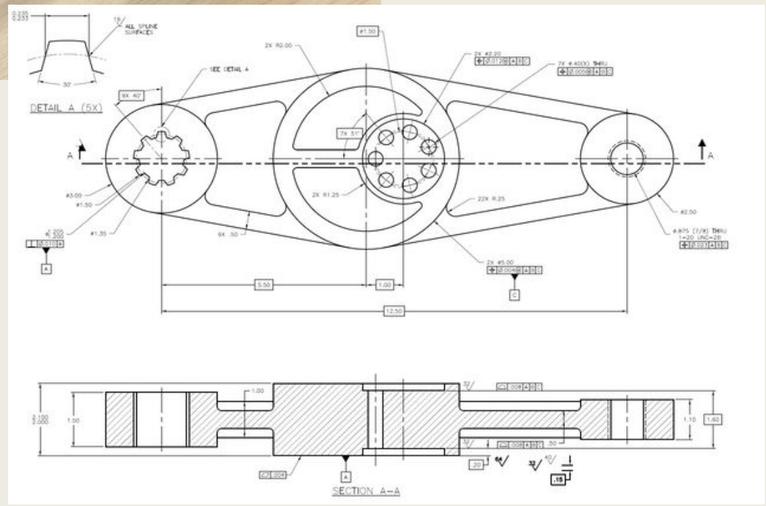




CO2 DRAGSTER
LASER CUTTING



CAD DESIGN
ENGINEERING

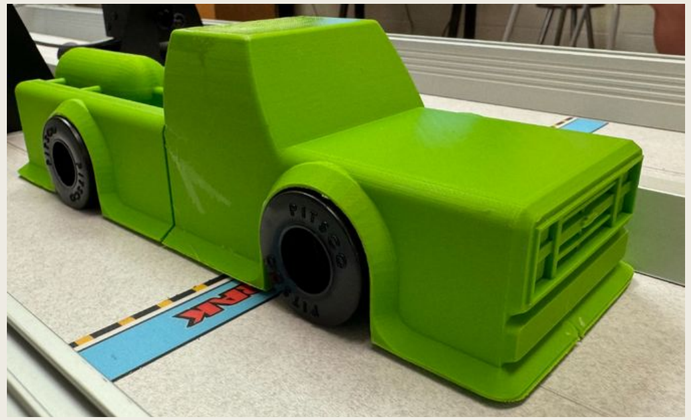


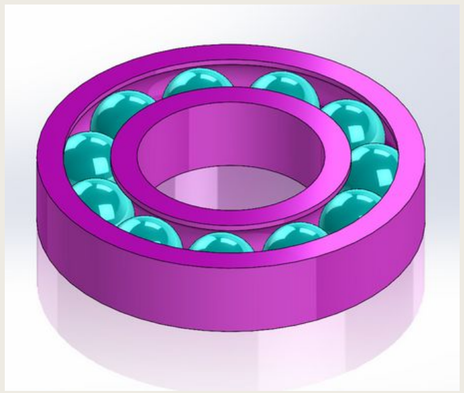
TECHNICAL DESIGN 2

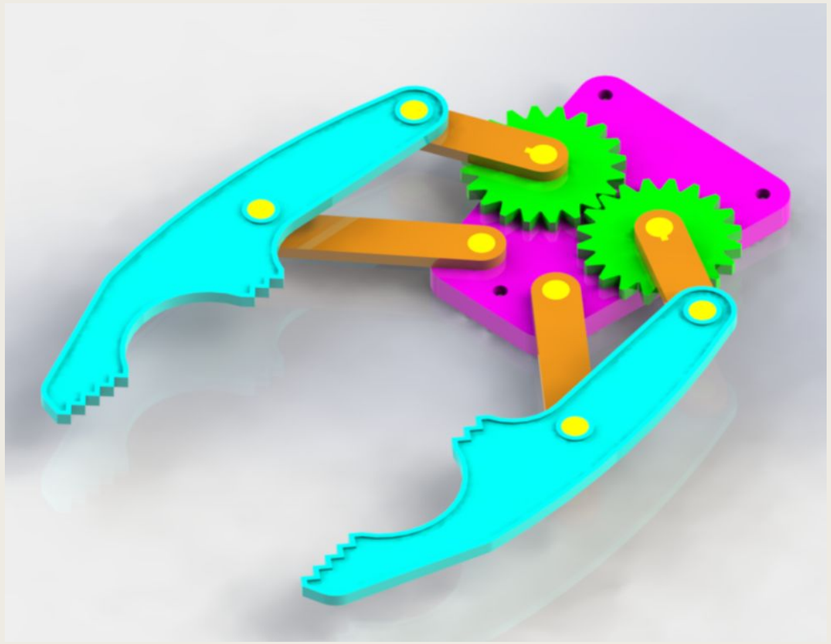
GRADES 10-12 ONE SEMESTER

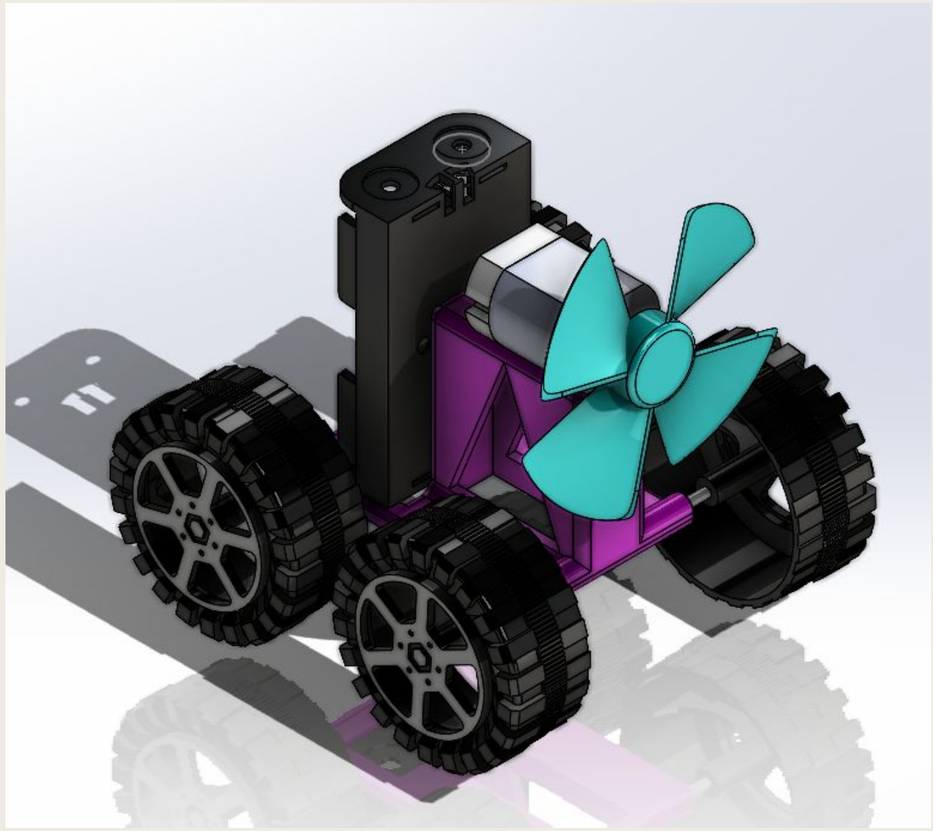
3D COMPUTER-AIDED DESIGN (CAD)

This course brings your ideas to life through 3D modeling, 2D technical drawings, and hands-on 3D printing using industry-standard engineering software.







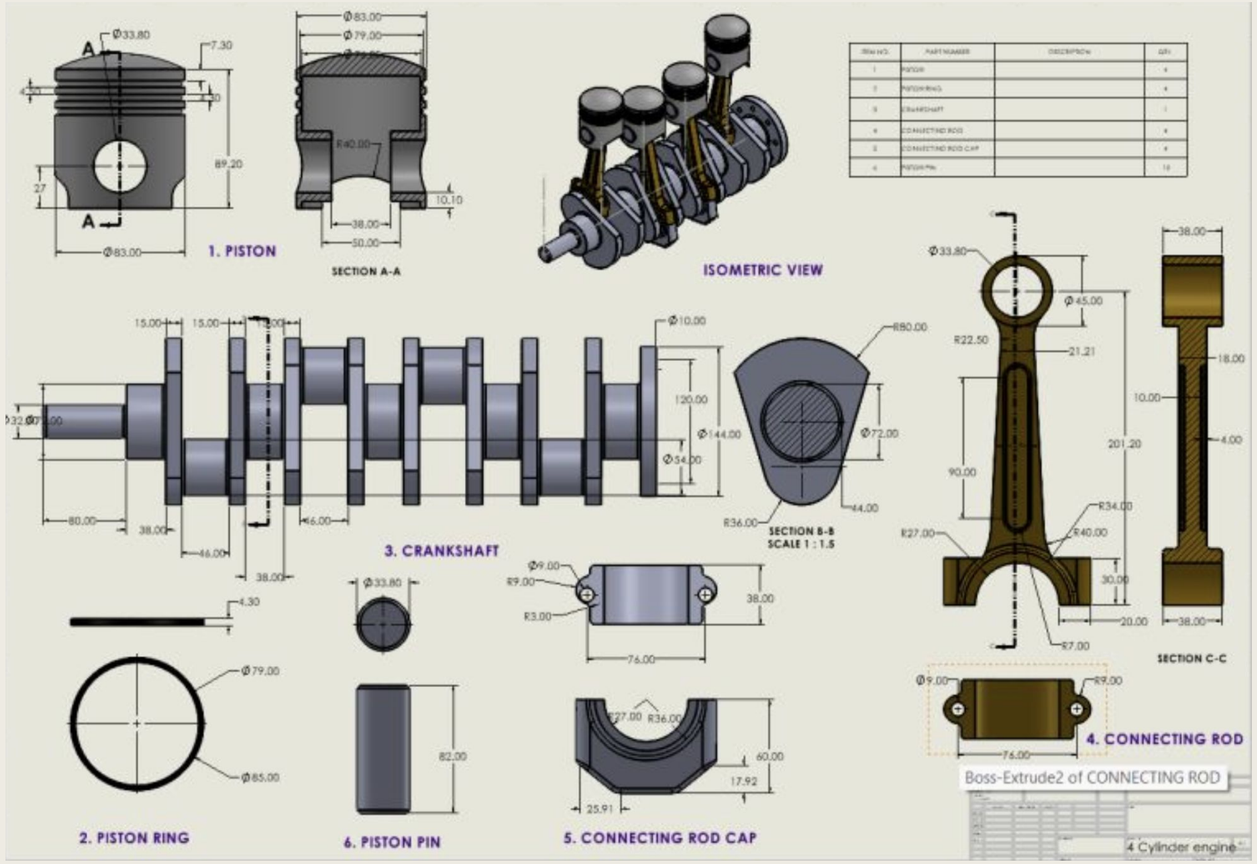


TECHNICAL DESIGN 3

GRADES 10-12 ONE SEMESTER

3D COMPUTER-AIDED DESIGN (CAD)

- **Master 3D CAD:** Learn to use SolidWorks (or Fusion 360) for professional modeling.
- **Technical Skills:** Gain proficiency in 3D printing, welding symbols, and fasteners.
- **Personal Projects:** Design and document three original CAD projects of your choice.
- **Career Prep:** Build a digital portfolio and resume to showcase your work.
- **Real-World Application:** Create assembly drawings and calculate physical properties like mass and volume.



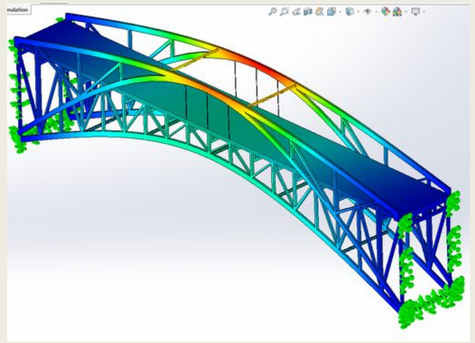
ENGINEERING PRINCIPLES

GRADES 10-12 FULL YEAR

SEVEN PROJECT-BASED ASSIGNMENTS INCLUDING...

UVU CONCURRENT ENROLLMENT

CIVIL ENGINEERING
STRUCTURES



CHEMICAL ENGINEERING
PANCAKES



MECHANICAL ENGINEERING
PUMPKIN TREBUCHETS



ELECTRICAL ENGINEERING
WATER ROCKETS



PCCAPS - ENGINEERING & ARCHITECTURE

GRADES 11-12 ONE SEMESTER

PCCAPS
PARK CITY SCHOOL DISTRICT
CENTER FOR ADVANCED
PROFESSIONAL STUDIES

This course will allow students to experience engineering or architectural design by working for real companies (clients). Students design solutions using 3D CAD, 3D printers and laser cutters to model and build prototypes.

GENERAL CONTRACTORS
HUGHES
EST. 1958



VCBO®
Architecture

Rock West
COMPOSITES®

CONSTRUCTION TECH

GRADES 9-10 ONE SEMESTER

INTRODUCTION TO CONSTRUCTION - HANDS ON

INTRODUCTION TO THE CONSTRUCTION TRADES



ELECTRICAL & PLUMBING



DRYWALL, PAINTING, & TILE





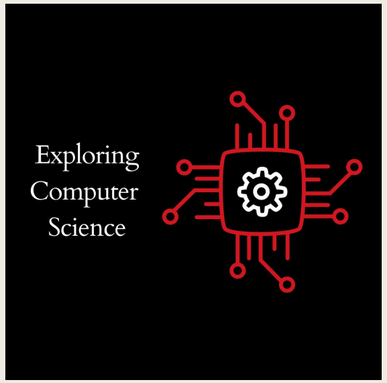
DIGITAL STUDIES

0.5 CREDIT REQUIRED FOR GRADUATION

CHOOSE 1 CLASS - BEST TAKEN IN 9TH GRADE



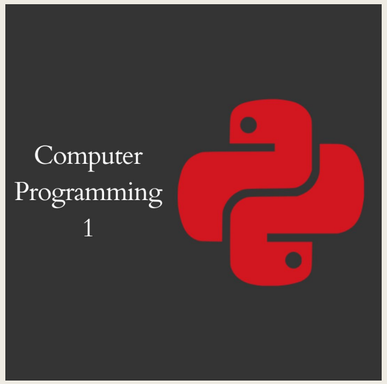
EXPLORING COMPUTER SCIENCE



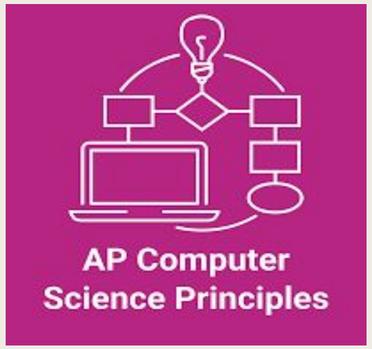
WEB DEVELOPMENT 1



COMPUTER PROGRAMMING 1



AP COMPUTER SCIENCE PRINCIPLES



EXPLORING COMPUTER SCIENCE

GRADES 9-12, 0.5 CREDITS (ONE SEMESTER)

*COUNTS TOWARD DIGITAL STUDIES GRADUATION REQUIREMENT

THIS IS OUR MOST BASIC DIGITAL STUDIES CLASS

WEB DEVELOPMENT



PROGRAMMING IN JAVASCRIPT



ALGORITHMS AND AI



WEB DEVELOPMENT 1

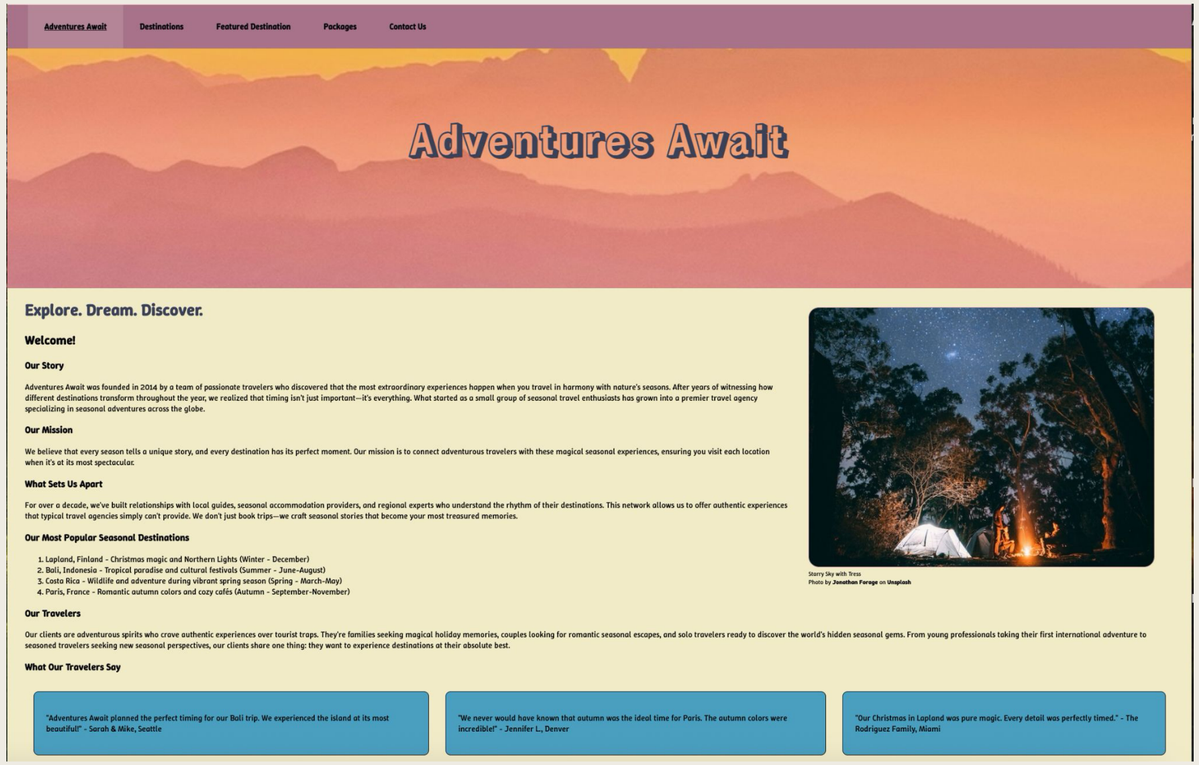
College Credit Available

GRADES 9-12, 0.5 CREDITS (ONE SEMESTER)

*COUNTS TOWARD DIGITAL STUDIES GRADUATION REQUIREMENT

Website planning, design and creation





COMPUTER PROGRAMMING 1

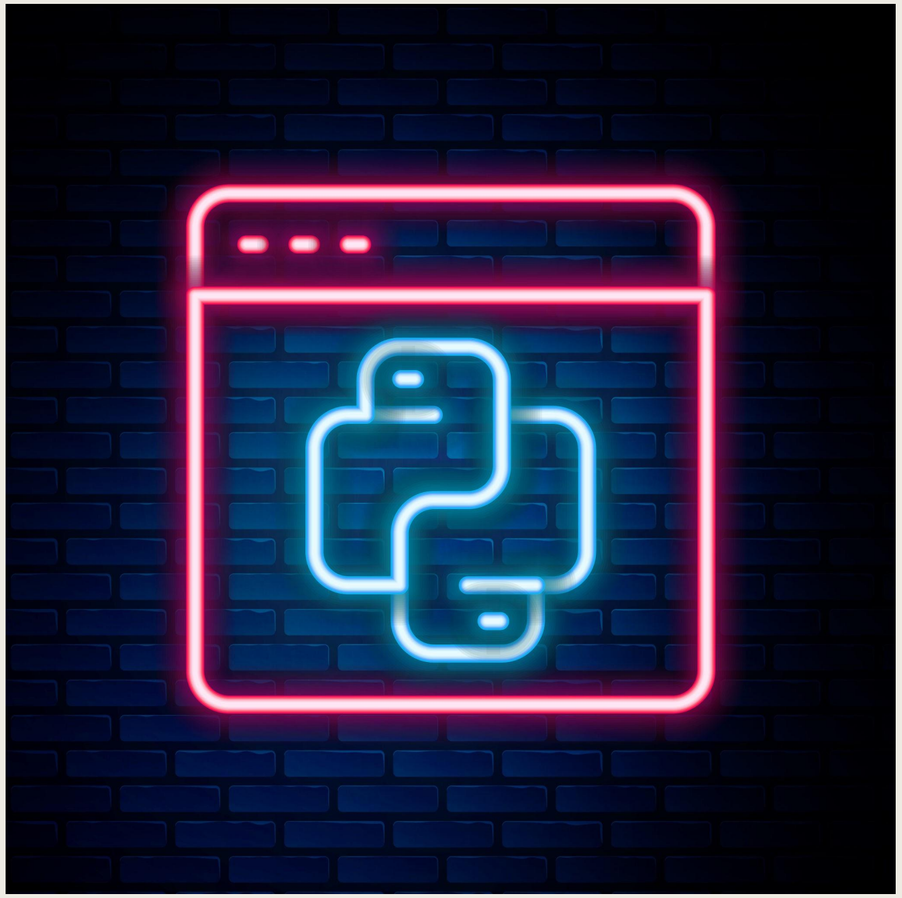
College Credit Available

GRADES 9-12, 0.5 CREDITS (ONE SEMESTER)

*COUNTS TOWARD DIGITAL STUDIES GRADUATION REQUIREMENT

LEARN TO PROGRAM IN PYTHON

Great choice for students who already enjoy coding and want a one-semester class!

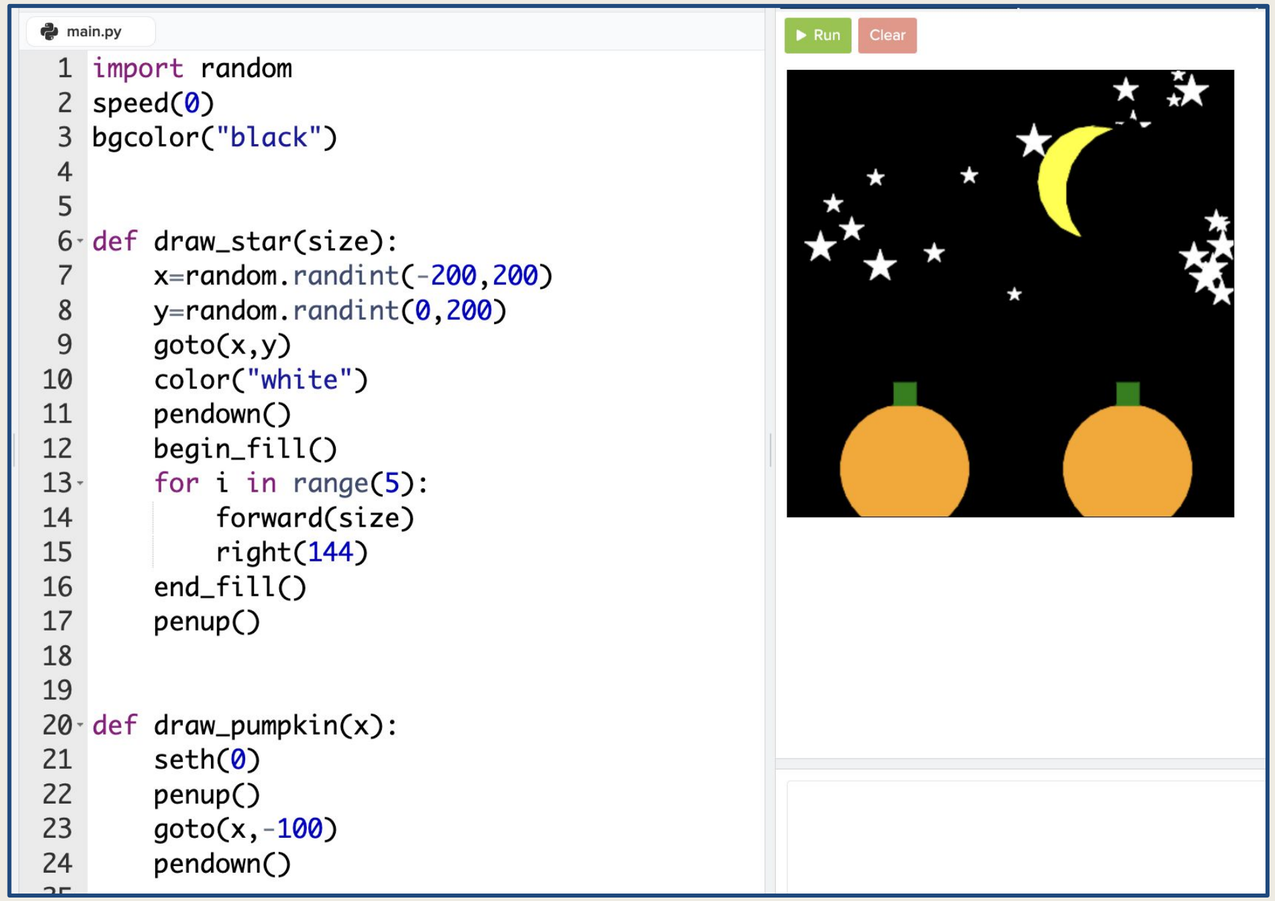


AP COMPUTER SCIENCE PRINCIPLES

1.0 CREDIT (YEAR LONG) GRADES 9-12

*COUNTS TOWARD DIGITAL STUDIES GRADUATION REQUIREMENT

Solid Entry-Level AP Course - Learn to Program in PYTHON



Testimonials

I really enjoyed this class even though I thought I wouldn't like coding. -Zoe

I had a lot of fun in this class, the class was challenging at times but it got a lot easier throughout the year and was really easy to understand.- Brooks

It was very interactive. -Owen

My daughter was so worried about taking this class over the summer and now she loves it! -a parent

PCCAPS - Tech Solutions

PCCAPS
PARK CITY SCHOOL DISTRICT
CENTER FOR ADVANCED
PROFESSIONAL STUDIES

GRADES 11-12 ONE SEMESTER

Students learn web development and app design while honing crucial PCCAPS skills like problem-solving and collaboration through real-world projects.

Intro to Information Technology & Cybersecurity

In this *new class*, through hands on projects, we explore

- communications and networking
- cybersecurity
- software development
- computer hardware



WEB DEVELOPMENT 2

College Credit Available

GRADES 10-12, 0.5 CREDITS (ONE SEMESTER)

*MUST HAVE TAKEN WEB DEVELOPMENT 1

Building interactive websites using more advanced CSS and Javascript



COMPUTER PROGRAMMING 2

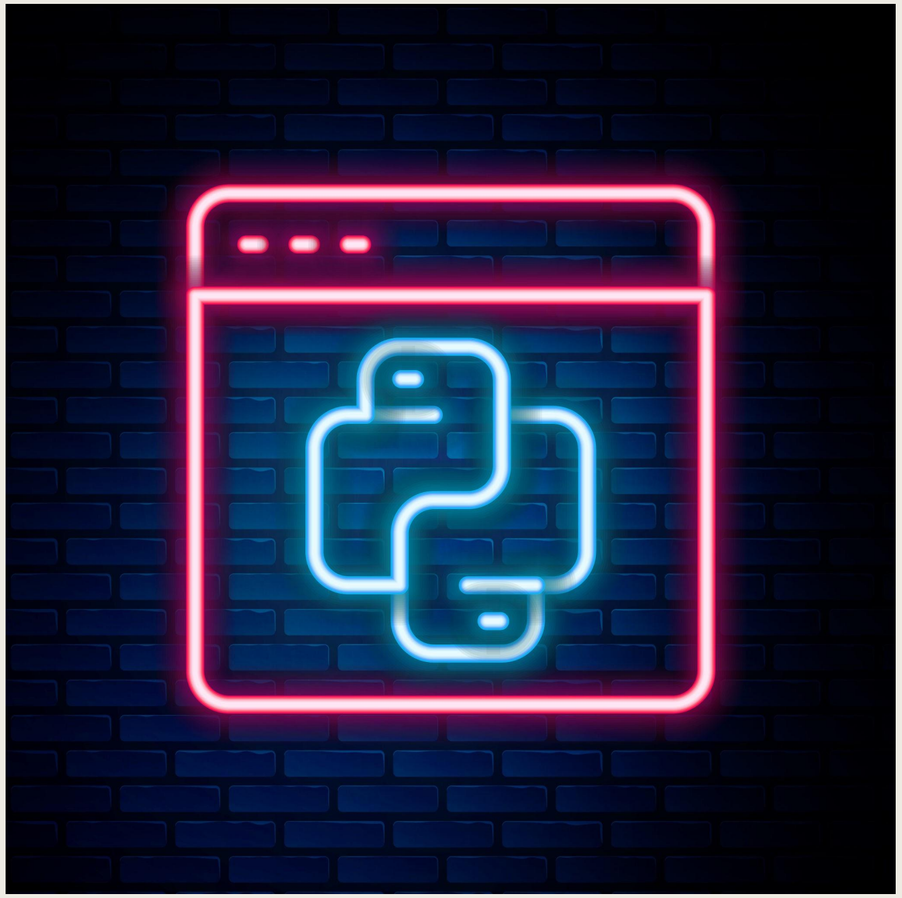
College Credit Available

GRADES 10-12, 0.5 CREDITS (ONE SEMESTER)

DIVE DEEPER INTO PROGRAMMING IN PYTHON

*MUST HAVE TAKEN CP1 OR AP COMPUTER SCIENCE PRINCIPLES

Introduces object-oriented programming and more complex use of functions and data types

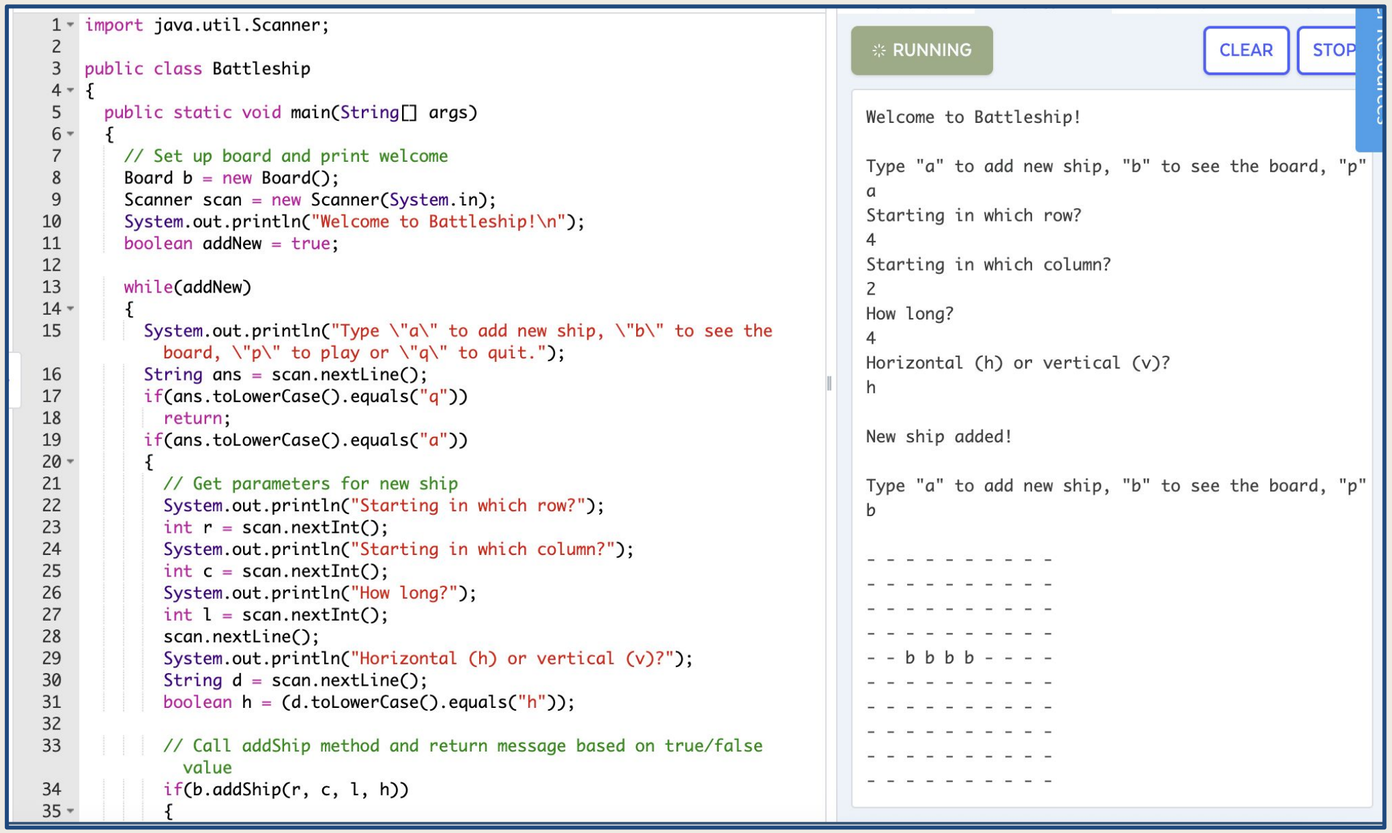


AP COMPUTER A

1.0 CREDIT (YEAR LONG) GRADES 10-12

Learn to Program in JAVA

THIS IS OUR MOST DIFFICULT CS CLASS



```
import java.util.Scanner;

public class Battleship
{
  public static void main(String[] args)
  {
    // Set up board and print welcome
    Board b = new Board();
    Scanner scan = new Scanner(System.in);
    System.out.println("Welcome to Battleship!\n");
    boolean addNew = true;

    while(addNew)
    {
      System.out.println("Type \"a\" to add new ship, \"b\" to see the
        board, \"p\" to play or \"q\" to quit.");
      String ans = scan.nextLine();
      if(ans.toLowerCase().equals("q"))
        return;
      if(ans.toLowerCase().equals("a"))
      {
        // Get parameters for new ship
        System.out.println("Starting in which row?");
        int r = scan.nextInt();
        System.out.println("Starting in which column?");
        int c = scan.nextInt();
        System.out.println("How long?");
        int l = scan.nextInt();
        scan.nextLine();
        System.out.println("Horizontal (h) or vertical (v)?");
        String d = scan.nextLine();
        boolean h = (d.toLowerCase().equals("h"));

        // Call addShip method and return message based on true/false
          value
        if(b.addShip(r, c, l, h))
        {
```

RUNNING CLEAR STOP

```
Welcome to Battleship!

Type "a" to add new ship, "b" to see the board, "p"
a
Starting in which row?
4
Starting in which column?
2
How long?
4
Horizontal (h) or vertical (v)?
h

New ship added!

Type "a" to add new ship, "b" to see the board, "p"
b

- - - - - - - - - -
- - - - - - - - - -
- - - - - - - - - -
- - - - - - - - - -
- - b b b b - - - -
- - - - - - - - - -
- - - - - - - - - -
- - - - - - - - - -
- - - - - - - - - -
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```

Testimonials

This was my favorite class! - Emerson

I just wanted to say that I have fond memories of learning the basics in your class, and it has greatly influenced the programmer that I am becoming now. I'm going to be graduating from Cal Poly in a year, and still think back to the beginning and how things have changed since then. Thanks for setting me on the path that I am on today!- David

Anyone who likes puzzles and math will probably like coding in AP CSA. - Phoebe

Business Management



From the Classroom to the Corner Office

- The Psychology of Leadership: Why do people follow some bosses but quit on others? We'll dive into motivation and human relations.
- The Big Picture: See how the global economy affects your daily decisions.
- Own the Project: Build and refine your own small business throughout the course.

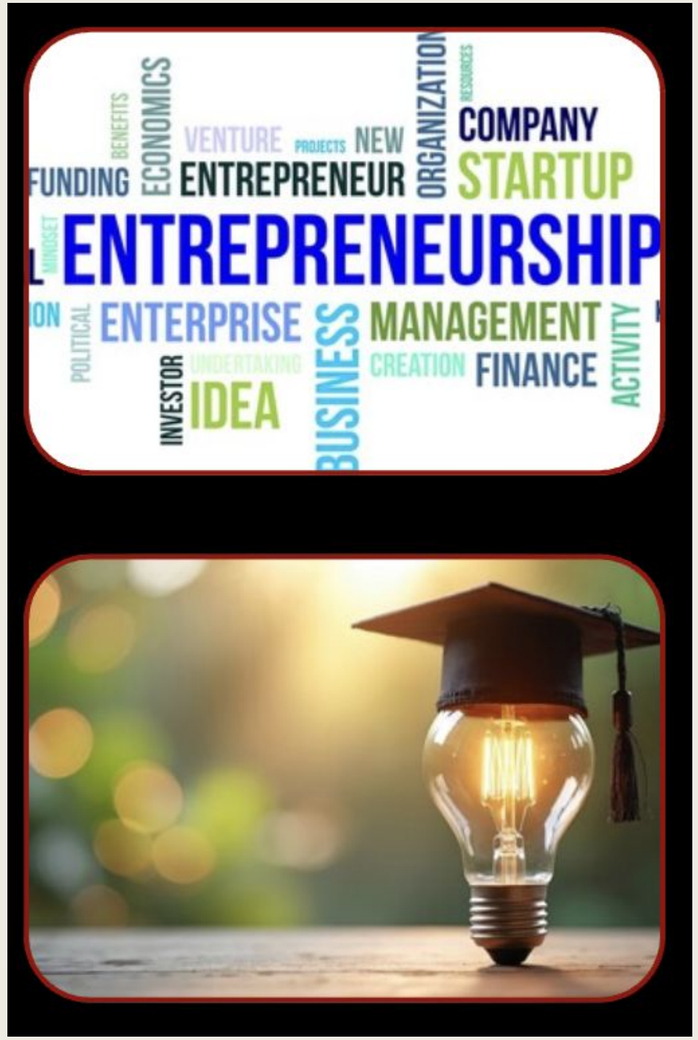


Build your own business plan throughout the year and walk away with the management skills that make you un-fireable."

Entrepreneurship

You have the idea. We have the strategy.

This hands-on class allows you to dive into the world of business ownership.



Market Domination: Advanced marketing and management strategies.

Navigating the Game: Understanding the regulations and finances that make or break a startup.

The Founder Mindset: Developing the traits that turn students into successful entrepreneurs.

By the end of this course, you won't just have a grade—you'll have a professional plan to launch your own business. Are you in?"

Real Estate

Learn how to buy, sell, and invest in property

Discover real estate careers with great earning potential

Gain practical skills for personal wealth and success

What You'll Learn: Basics of buying, selling, and investing, How mortgages and contracts work, Real estate marketing strategies





Sports and Recreation Marketing

Discover what it takes to hype up, sponsor, and sell out the biggest athletic and recreation events!

- **The Main Event:** How are major sporting and recreation competitions actually run and promoted?
- **Sponsors & Swag: L**earn the secrets to landing big-name sponsorships and moving massive amounts of merchandise.
- **The Hype Machine:** Build marketing campaigns and design promotional activities that get fans out of their seats.
- **Master the Timeline:** Create promotional calendars to build anticipation and ensure game day is a massive success.

Investing and Wealth Management

💰 "100K in the bank. Zero risk. Infinite potential. Join the Investing & Wealth Management Challenge."



The Magic of Compounding: How can small amounts of money explode into wealth over time?

Risk vs. Reward: Learn the "Why" and "How" behind every investment decision.

Modern Markets: Explore everything from traditional asset valuation to emerging trends.

Compete against your classmates and win bragging rights.

PC Caps Business Strategies

Ready to consult for top companies while racking up university credits?



Real Clients, Real Impact: Design marketing campaigns, product launches, and sales strategies for real companies.



Build Your Network: Connect with influential business leaders who can help you land future internships, college acceptances, and careers.



Develop leadership and communication skills needed to turn your big ideas into tangible outcomes.

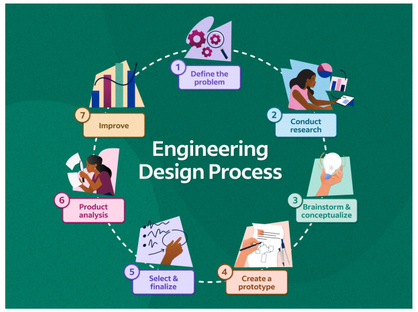
Woods I

GRADES 9-12 ONE SEMESTER

OSHA 10 HOUR CERTIFICATION

Engage with the Engineering Design Process by building a custom wood project of your choosing - Learn HANDS ON - Prepare for the largest umbrella of jobs in the world!

Prototype your own custom project!







Learn to use power tools, equipment, and machinery!







Achieve your OSHA 10 industry level certification!





CAD Arch Design 1,2,3

WEBER STATE UNIVERSITY

GRADES 9-12 ONE SEMESTER

Engage with the Engineering Design Process by bringing a custom home design to life - HANDS ON - Prepare for the largest umbrella of jobs in the world; Architecture, Engineering, & Construction!



Learn the entry level skills needed for today's 22nd century workforce

Learn to fully design and build your future dream home.

Compete with other colleagues with the TSA Architecture Competition















Residential Construction 1&2

WEBER STATE UNIVERSITY
Engineering, Applied Science & Technology

BUILDING DESI
& CONSTRUCTI

GRADES 9-12 ONE SEMESTER

Engage HANDS ON with essential construction skills, focusing on safety, tools, equipment, & foundational techniques for various roles within the construction industry - Prepare for the largest umbrella of jobs in the world!

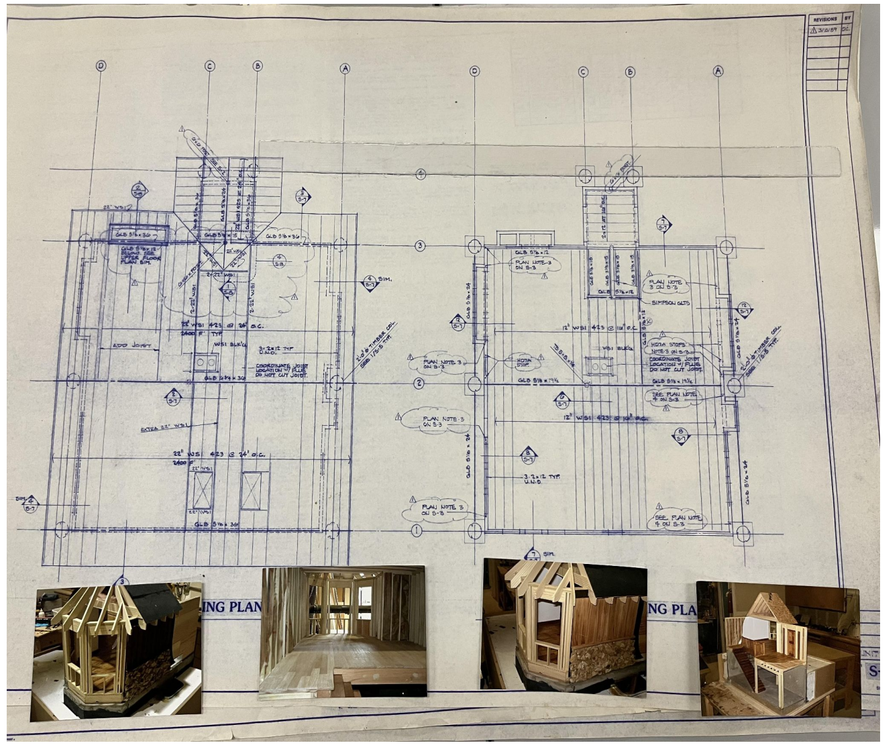
Earn College Concurrent Enrollment credit!

Utilize power tools, equipment, and machinery. Explore Concrete, Framing, Interior & Exterior Finishes

Achieve your OSHA 10 & OSHA 30 industry level certification

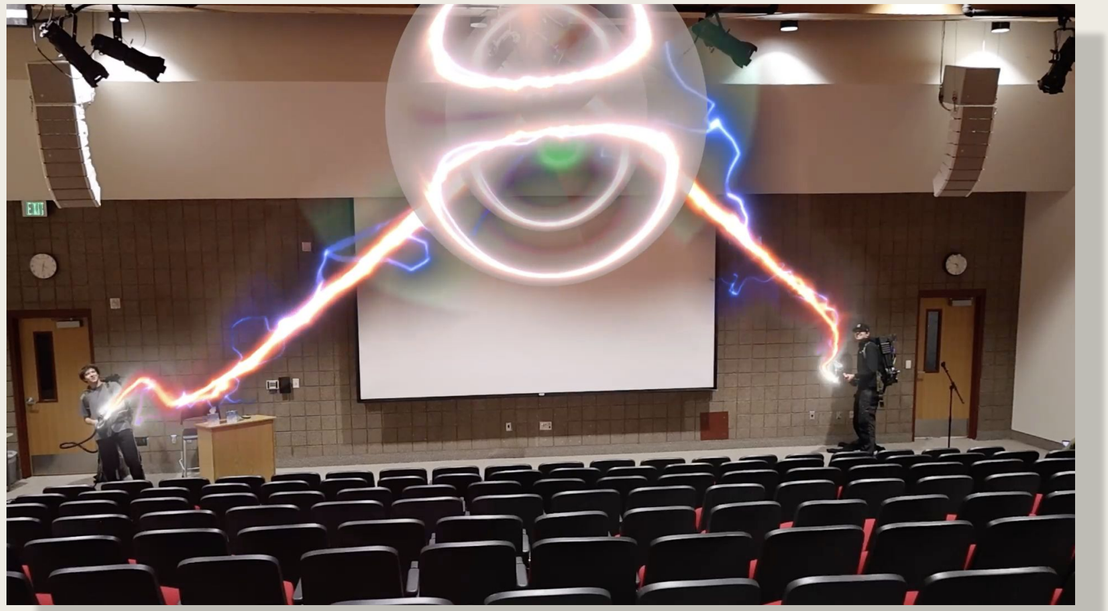


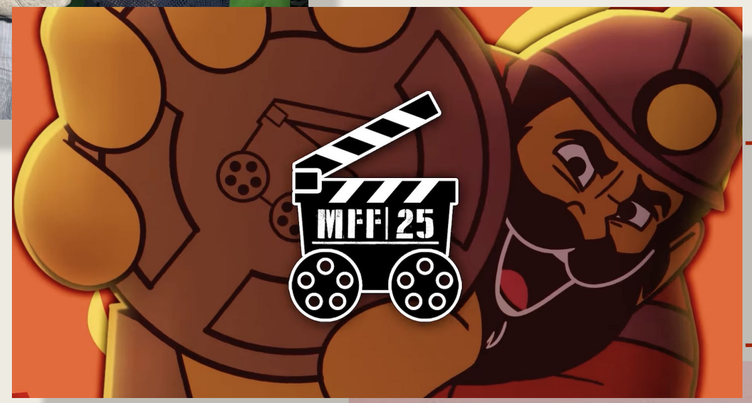




Filmmaking 1







Make Videos!

Tell Stories!

Work as a Team!



1 Semester

Art Credit

No Experience Needed

TV Broadcasting & Video Production





Write the News!

Be a news anchor!

Work as a Team!



CTE credit - 1 semester - repeatable

EARTH & SPACE SCIENCE

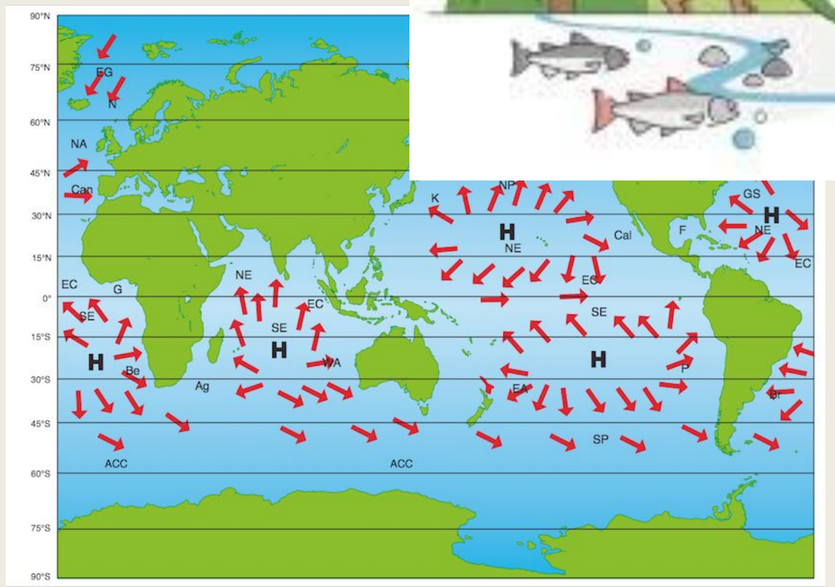


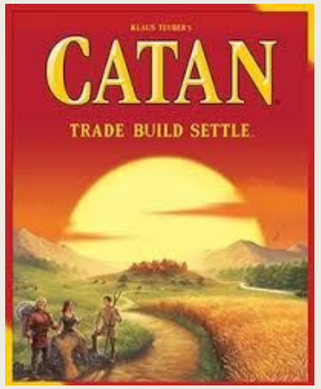




Science Foundation Course

grades 10th - 12th





Learn fun stuff about space, geology, oceans, climate and resource management

AP Psychology

Taking **AP Psychology** isn’t just about earning college credit—it’s about finally getting the **"User Manual" for your own brain.** Imagine actually understanding the invisible forces that drive every human interaction.

In this class, **y**ou’ll dive into the mechanics of dreams, the chemistry of love, the quirks of memory, and the mysteries of personality. You will stop just ***living*** your life and start ***decoding*** it. By the end of the year, the world won't just look different—**it will make sense.**

How can you "re-wire" your habits?



Why do you forget a name 3 seconds after hearing it?

Do you follow the crowd even when you know they’re wrong?





AP/CE Government

This is a highly collaborative course that enables students to learn about their rights and responsibilities and become civically engaged. Students will not only study their branches, the founding documents and landmark Supreme Court cases, but they will also apply current events to required course content. Buckle up and get ready for hard conversations, all while earning AP ***and*** CE credit!



Who REALLY runs this country?

Does our system work, or is it broken?

What kind of change can I make?

Is my freedom more important than your safety?

What are my civil rights and civil liberties?

Sign up for Spanish 1 or 2 next year!



Take your Spanish to the next level!

Sign up for Spanish 3!

Unleash your fluency





Advanced
Conversational Skills

Deeper Cultural Insights







Open to all Spanish enthusiasts.
Proficiency in Spanish 2 or a
teacher recommendation
are highly suggested.

Possibility for the Seal of Biliteracy on your High School transcript.



See Sra. Armistead for more information,
or email her at narmistead@pcschools.us

Food and Nutrition

Foods is the beginning course to your culinary journey! You can earn a food handler permit to work in a restaurant!



The program provides laboratory-based experiences that strengthen comprehension of STEM concepts and standards. Students will engage in activities covering food safety and sanitation, culinary technology, food preparation, and dietary analysis. These experiences are designed to develop a healthy lifestyle and provide pathways for career readiness, potentially integrating student leadership opportunities.

Come learn knife skills, how to make pasta, bread dough, rice dishes, calzones, and many more recipes! Also compete in a competition at the end of the semester! Hands on! Fun class! Very popular!

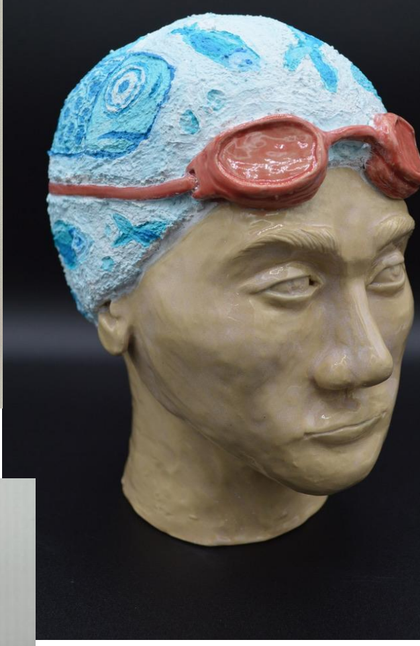
Ceramics!























Jewelry!



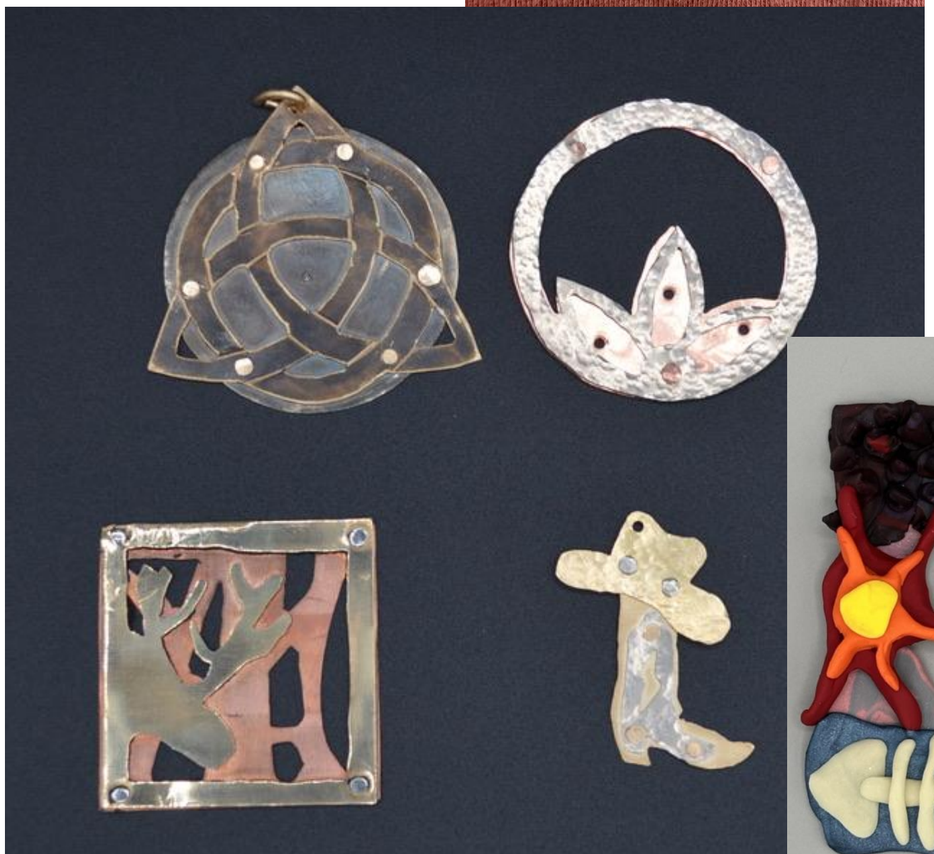




















Debate



Students will learn essential life skills: critical thinking, public speaking and how to research.

Take the class to be on the team!

REGISTER FOR

jewelry 1

METAL ARTS, BEADS,
RINGS, PENDANTS,
CHAINS, CHARMS,
AND MORE!







jewelry 1

METAL ARTS, BEADS,
RINGS, PENDANTS,
CHAINS, CHARMS,
AND MORE!

REGISTER NOW!

Park City Theater

Classes Offered

- Theater 1
- Theater 2
- Intro to Technical Theater
- Advanced Technical Theater



Learn Skills Like:

- Public Speaking / Improv skills
- Dance / Singing / Acting
- Collaboration
- Set building & Scenic painting
- Lighting, Sound, Costume, & Set design
- Stage Management

