Payette River Regional Technical Academy



Career and Technical Education Course Offerings 2024-2025

PR2TA is one of 15 Career Technical Centers (CTC) in Idaho, offering Career Technical Education courses in specific career pathways. Students are provided with recommended course sequences that must be taken to achieve the capstone of any given pathway. Students can earn business and industry certifications during their pathway program. A CTE Diploma can be earned along with your EHS Diploma after completing a pathway. Students can talk to a school counselor, administrator, or PR2TA Pathway Instructor if they have any questions or need help achieving the goal they have for themselves.

Career and Technical Education Pathways give students a head start when going to college or entering a career field right out of high school. CTE Pathway classes create a competitive advantage for students by providing current industry skills, standards, and knowledge. Each CTE pathway consists of a collection of relevant and articulated elective high school classes that begin in either 9th or 10th grade. CTE classes include a mix of traditional classroom experiences and handson learning. Within each pathway, students explore related careers. Many pathways lead to industry certifications, postsecondary credits, or industry experience.

These three- and four-year "pathways" of elective classes are designed to help students develop the technical and professional skills, knowledge, and attitudes necessary to successfully enter today's workforce and/or college with confidence and a more focused career direction. Students can participate in a Career and Technical Student Organization (CTSO) aligned to their pathway to develop leadership skills, with competition opportunities to showcase their CTE skills.

Information within this handbook is designed to assist students and families in developing a Four-Year Educational Plan and selecting courses for the upcoming school year. Information within each pathway provides specific guidance on prerequisites and time requirements and should be studied carefully when making enrollment decisions. The master schedule depends on state funding and is based on student pre-registration. Courses listed in this guide that do not receive sufficient enrollment may be eliminated from the master schedule.

Frequently Asked Questions

Do all Emmett School District (High School) students have access to CTE courses? Yes, PR2TA courses are elective, career-aligned courses available to all Emmett High School students and Black Canyon High School students.

Where are classes located? Students will complete their courses in one of three sites: the PR2TA Main Campus, the PR2TA Aviation Hangar, or the EHS Art Room.

Is there a fee to enroll in PR2TA's CTE courses? No, CTE classes are offered free of charge to qualifying students. However, some programs may have additional expenses, such as required testing, industry certifications, class projects, or CTSO events.

Do students attend a CTE center full-time? No, most students enrolled in courses at PR2TA are part-time students. PR2TA is considered a Career and Technical Center designed to provide CTE courses aligned to business/industry standards, utilizing state-of-the-art equipment and technology.

How do students attend their CTE courses that are taught at PR2TA? Transportation will be provided for students enrolled at Emmett High School and Black Canyon High School.

Can students choose to self-transport instead of riding the shuttle? Yes, students can choose to self-transport to their PR2TA CTE course(s). A parent or guardian must complete a self-transportation form. These forms are available at PR2TA. Students will be issued a free parking tag that will need to be displayed when parking at PR2TA. Lost tags and/or failure to obtain a parking tag may result in a fee. Parents can drop off and pick up students at PR2TA.

Can students earn a Career and Technical Education Diploma at PR2TA? Yes, students can earn a CTE Diploma upon the completion of an approved CTE Pathway, which includes a sequence of courses leading to the capstone. In addition, students must pass a Technical Skill Assessment (TSA) aligned to their pathway, an approved Workplace Readiness Skills Assessment (WRA), and earn an industry-approved certification or state-approved SkillStack badge issued by the pathway instructor.

If my child is homeschooled, can they dual-enroll in a CTE program class? Yes, if a homeschooled student wants to take a career and technical education (CTE) program, they must enroll as a part-time student. Courses are selected during the spring pre-registration process. During registration, students may request to enroll in a CTE class, however, due to availability, they are not guaranteed enrollment. Enrollment information can be obtained by contacting PR2TA directly.

Does PR2TA provide meals for students? No, PR2TA only provides courses for district students. Emmett School District is our Local Education Authorizer (LEA) and therefore provides all of the meals for students enrolled with them. Students enrolled outside of the district will be responsible for providing their own meals. PR2TA does offer snack items in vending machines and the school store, as well as food for sale from our Culinary Cafe. We also have a student lounge with seating and amenities.

Does PR2TA have any online class offerings? PR2TA does have a limited catalog of online classes available. The essence of Career Technical Education, however, is hands-on/experiential learning, so the majority of our courses must be attended in person.

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PR2TA Pathways at a Glance

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• Art Pathway

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Ag/Animal Science Pathway Course Descriptions & Sequence

Intro to Livestock Industry (1 Semester) Intro Course Small Animal Care (1 Semester) Animal Science (1 Semester) Intermediate Applied Livestock Management A or B (1-2 Semesters) Courses Advanced Livestock Management A and B (2 Semesters) **Capstone**

Intro to Livestock Industry

Offered: Fall & Spring Grade Level: 9 - 10 CTE Course: 181010 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

A basic applied course designed to enhance students' perceptions of agriculture, its applications, and career opportunities. Includes FFA and Supervised Agricultural Experiences (SAE) as graded components. Must receive a "B" or higher, and/or an instructor recommendation, in order to move forward in the Animal Science Pathway.

Animal Science Offered: Fall & Spring Grade Level: 9 - 10 CTE Course: 181011 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Intro to Livestock Industry

A course designed to develop knowledge and skills pertaining to nutrition, reproduction, diseases, breeding, genetics, anatomy, and physiology in livestock. Includes multiple hands-on activities and possible dissections. Includes FFA and Supervised Agricultural Experience (SAE) as graded components. Must receive a "B" or higher, and/or an instructor recommendation, in order to move forward in the Animal Science Pathway.

Small Animal Care Offered: Fall & Spring CTE Course: 181020 Grade Level: 10 - 11Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Intro to Livestock Industry

A course that focuses on the care and management of small animals. This course will cover the subjects of animal nutrition, health, behavior, reproduction and breeding, anatomy, physiology, facilities, handling and training, and grooming. Includes FFA and Supervised Agricultural Experiences (SAE) as graded components. Must receive a "B" or higher, and/or an instructor recommendation, in order to move forward in the Animal Science Pathway.

Applied Livestock Management A or B

CTE Code: 181013 Grade Level: 10 - 11 Course Length: 1 - 2 Semesters Credit & Type: CTE, Elective

Offered: Fall & Spring

Prerequisites: Intro to Livestock Industry, Animal Science, Small Animal Care

A course that includes principles of animal production and management. Students have an option to take this course for a full year or can take A (emphasis on livestock management) or B (emphasis on vet science). Topics include health, evaluation, selection, feeding, and management. Information about the causes, diagnosis, and treatment of diseases and injuries in animals, typically emphasizing domestic and farm animals. Business management and interpersonal skills required for a successful veterinary practice will also be emphasized. Includes FFA and Supervised Agricultural Experiences (SAE) as graded components. Must receive a "B" or higher, and/ or an instructor recommendation, in order to move forward in the Animal Science Pathway.

Advanced Animal Science A & B (Capstone)

Offered: Fall & Spring Grade Level: 12 CTE Code: 181018 Credit & Type: CTE, Elective Course Length: 2 Semesters (Full Year)

Prerequisites: Animal Science, Small Animal Care, Applied Livestock Mang. A or B

A course designed to impart information about the causes, diagnosis, and treatment of diseases and injuries in animals, typically emphasizing domestic and farm animals. Business management and interpersonal skills required for a successful veterinary practice and other livestock industries will be emphasized. Includes FFA and Supervised Agricultural Experiences (SAE) as a graded component.

Animal Science/Work-Based Learning (Optional)

Offered: Fall & Spring Grade Level: 12 CTE Code: 181480 Course Length: 1-2 Semesters Credit & Type: CTE, Elective

Prerequisites: Completion of Animal Science Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Ag/Welding Pathway Course Descriptions & Sequence

Intro	Intro Agricultural Mechanics (1Semester)
Intermediate Courses	Agricultural Welding 1 (1 Semester) Agricultural Welding 2A and 2B (2 Semesters)
Capstone	Agricultural Welding 3A and 3B (2 Semesters)

Intro to Agricultural Mechanics

Grade Level: 9 - 10

Course Length: 1 Semester

Prerequisites: None

This course provides students with the skills and knowledge specific to tools and equipment used in agriculture and welding industries. Students will learn to apply basic industrial knowledge and skills (power systems, welding, carpentry, and others), and may explore a range of topics. Includes FFA and Supervised Agricultural Experiences (SAE) as graded components. Students must complete this course with a B or higher or have instructor permission to advance to Welding 1.

Agricultural Welding 1

Offered: Fall & Spring Grade Level: 10 - 11 CTE Code: 184040 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Introduction to Agricultural Mechanics

A course designed to develop skills in SMAW and GTAW welding, as well as implementing advanced fabrication and manufacturing technology practices. Students must complete this course with a B or higher, or have instructor permission to advance into Agricultural Welding 2 A & B.

Agricultural Welding 2A & 2B

Spring

Grade Level: 11 - 12 CTE Code: 184043 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Intro to Agricultural Mechanics, and Welding I

A course to develop skills in metal equipment, assembly, and joining processes. This course will include, but is not limited to Gas Metal Arc Welding (solid wire, flux core, and dual shield processes), and Gas Tungsten Arc Welding (Steel and Aluminum Welding). Students must complete this course with a B or higher, or have instructor permission to advance into Agricultural Welding 3 A & B (Capstone). *Students will have an opportunity to earn AWS Welding Certification.

Offered: Fall & Spring

Credit & Type: CTE, Elective

Offered: Fall &

CTE Code: 184010

Agricultural Welding 3A & 3B (Capstone)

Grade Level: 12 CTE Code: 184041 Course Length: Full Year Credit & Type: CTE, Elective

Offered: Fall & Spring

Prerequisites: Intro to Agricultural Mechanics, Ag. Welding 1, Ag. Welding 2 A & B

This course is the Capstone Course for the Agricultural Welding Pathway. The course is designed to reinforce foundational skills in arc and oxy-acetylene welding as well as implement advanced fabrication and manufacturing technology practices using GMAW, and GTAW welding processes. This is a project-based class with Certification in industry standard welds as the end goal. *Students will have an opportunity to earn AWS Welding Certification.

Agricultural Welding/Work-Based Learning (Optional)

Offered: Fall & Spring Grade Level: 12 CTE Code: 184482 Course Length: 1-2 Semesters Credit & Type: CTE, Elective

Prerequisites: Completion of the Agricultural Welding Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



*Agriculture Cluster Course

Applied Greenhouse Management

Offered: Spring Grade Level: 11 - 12CTE Code: 180523 Course Length: 1 Semester Credit & Type: CTE, Science

Prerequisites: Instructor Approval

This is a course designed to prepare students in greenhouse and nursery operation and management. Topics will include greenhouse types, facilities, equipment, personnel management and training, greenhouse construction and maintenance, and business operations. This course will meet graduation requirements for science.

Art Pathway Course Descriptions & Sequence

Intro
Course

Painting (1 Semester)

Printmaking (1 Semester)

Printmaking (1 Semester)

3D Art & Sculpture (1 Semester)

Advanced Art (1 Semester)

Introduction to ArtOffered: Fall & Spring

Grade Level: 9 – 12

Course Length: 1 Semester Credit & Type: Elective

Prerequisites: None

This course will introduce and explore the 7 elements of art and 12 principles of design through projects that utilize various art media. Art history topics will be integrated into lessons throughout the semester.

Drawing Offered: Fall & Spring

Grade Level: 9 - 12

Course Length: 1 Semester Credit & Type: Elective

Prerequisites: None

This course is designed to build a foundation of fundamental drawing skills. This course provides a skills base, which enables students to be successful in upper-division art courses. Students will work with pencils, pens, and charcoal as well as other art materials.

Printmaking

Grade Level: 10 - 12

Course Length: 1 Semester Credit & Type: Elective

Prerequisites: Intro to Art and Drawing

This course explores printmaking processes: relief, dry point etching, silkscreen, and monoprint. Students will apply composition and design techniques learned from the introductory art courses when creating prints. Art history topics will be integrated into lessons throughout the semester.

3D Art and Sculpture Offered: Fall & Spring

Grade Level: 10 - 12

Course Length: 1 Semester Credit & Type: Elective

Prerequisites: Intro to Art and/or Drawing

In this course, students will learn how to create a sculpture through a variety of media such as cardboard, wire, and found objects. Students will explore through sculpture projects how to build sculptures that can stand on their own and/ or meet specific challenges.

Painting Offered: Fall & Spring

Grade Level: 10 - 12

Course Length: 1 Semester Credit & Type: Elective

Prerequisites: Intro to Art and/or Drawing

This course is designed to build a foundation of fundamental painting skills, as well as work on original compositions. Students will work with chalk pastels, oil pastels, acrylic paints, watercolors, and other media. Art history topics will be integrated into lessons throughout the semester.

Advanced Art (Capstone) Offered: Fall & Spring

Grade Level: 11-12

Course Length: 1 Semester Credit & Type: Elective

Prerequisites: Intro to Art, Drawing, and at least one of the following: Teaching Art,

Printmaking, Painting or 3D Art

In this course students will view and discuss a variety of artworks from history as well as contemporary art. We will learn about how art impacts the intended audience and the effects of art on society and history, this will tie into the conceptual ideas that students will plan in their own artworks. Students will have flexibility in what they choose to create and design. Students will create artwork that is intended for a specific audience with the idea that art is a visual means of communication. Students will build an art portfolio.

"Art is never finished, only abandoned."

— Leonardo Da Vinci.

Administrative Services Pathway Course Descriptions & Sequence

Intro	Computer Applications 1(1 Semester)
Course Intermediate Courses	Computer Applications 2 (1 Semester) Business Essentials (1 Semester) Personal Finance (1 Semester)
Capstone	Business Administration (1 Semester)

Computer Applications 1

Grade Level: 9 - 12

Course Length: 1 Semester

Prerequisites: None

This course is designed to develop students' computer skills for personal and career use. Microsoft Office applications will be introduced and used as a basis to solve business problems. Topics will include the use of word processing software for creating basic business documents that utilize industry standards and presentation software to create effective presentations.

*Students will have an opportunity to earn Microsoft Office Certifications in MS Word and MS PowerPoint.

Computer Applications 2

Offered: Fall & Spring Grade Level: 9 - 12 CTE Code: 100051 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Computer Applications 1

This course is designed to build on the skills and knowledge established in Computer Applications I. Microsoft Office applications software will be used throughout this course. Topics spreadsheet software for solving complex mathematically based problems involving business finance and an introduction to database applications. *Students will have an opportunity to earn Microsoft Office Certification in MS Excel. *This course may qualify for Dual Credit.

Offered: Fall & Spring

Credit & Type: CTE, Elective

CTE Code: 100050

Business Essentials Offered: Fall & Spring Grade Level: 9-11 CTE Code: 120010

Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Recommend Computer Apps 1

A course designed to introduce students to career exploration strategies with a focus on foundational skills and knowledge necessary for occupations in business. The establishment of employability traits will occur through the study and development of interpersonal, communication, and leadership skills and knowledge.

Personal Finance Offered: Fall & Spring Grade Level: 11-12 CTE Code: 121013 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Recommend Computer Apps 1 or Business Essentials

This course is designed to help students develop money management skills that will help them to make smart financial decisions in life. Students will gain an understanding of banking, budgeting, and the cost of borrowing money. Importance will be placed on making informed decisions when saving, investing, and planning retirement so that students can start on the path to a successful financial future. Students will also learn to be savvy consumers and how best to protect their identities, belongings, and assets through different types of insurance. *This course will meet graduation requirements.

Business Administration (Capstone) - Online

Offered: Fall & Spring Grade Level: 11-12 CTE Code: 120030 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Computer Apps 1 & 2, Business Essentials, and Personal Finance.

This course is designed to provide students with project-based application of essential business and marketing competencies. The course will provide students with an opportunity to achieve proficiency in areas such as leadership, technology, marketing, general business principles, entrepreneurship, marketing, human relations skills, public speaking, business communications, career awareness, and job-seeking skills. *Please note, that this course is an online course.

Administrative Services/Work Based Learning (Optional) Offered: Fall & Spring Grade Level: 12 CTE Code: 120480 Course Length: 1-2 Semesters Credit & Type: CTE, Elective

Prerequisites: Completion of the Administrative Services Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.

"Success usually comes to those who are too busy to be looking for it." - Henry David Thoreau

Business Management Pathway Course Descriptions & Sequence

Intro	Principles of Business (1 Semester)
Course Intermediate Courses	Principles of Marketing (1 Semester) Business Communications (1 Semester) Personal Business Finance (1 Semester)
Capstone	Business Strategies (1 Semester)

Principles of Business

Offered: Fall & Spring Grade Level: 9-10 CTE Code: 120552 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

What do your favorite rock group's tour schedule, the logo on a coffee mug and the Wall Street Journal have in common? Business. It is everywhere. Principles of Business will open students' eyes to the world of business. During the course, students will be introduced to some of the major areas of business administration (marketing, management, and finance) through hands-on, real-world projects.

Principles of Marketing

Offered: Fall Grade Level: 10 - 11 CTE Code: 121640 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Principles of Business

Why would Volkswagen choose a social media campaign over a TV commercial? How does Nike determine its pricing strategy? Through projects and problem-solving students will get inside marketers' heads and find out what makes them tick. Projects in the course will challenge students to analyze the business world around them, work through key marketing concepts and research, such as pricing, and product image, and use their knowledge to develop a marketing strategy.

Business Communications

Offered: Spring Grade Level: 11-12 CTE Code: 120090 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Principles of Business & Principles of Marketing

Get an up-close look at managing. Students will learn first-hand how to manage projects and people and how to do it ethically and legally. This course includes individual and group work as students conquer problems in the different areas of management, including human resources management, risk management, project management, and knowledge management while embracing technology used in the business world.

Personal Business Finance

Offered: Fall & Spring Grade Level: 11-12 CTE Course: 121013 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Principles of Business, Principles of Marketing, & Business Communications

Worried about managing money now and in the future? This course will give students practical knowledge, which includes but is not limited to goal setting, budgeting, saving, investing, borrowing, insurance, identity protection, and retirement planning. We are also going to look at the big economic picture –like supply and demand, types of businesses, the stock market, and finance options for operating a business. It is never too early to start saving for the FUTURE!

Business Strategies (Capstone)

Offered: Fall & Spring Grade Level: 11-12 CTE Course: 120530 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Principles of Business, Principles of Marketing, Business Communications &

Personal Business Finance.

In this course, students will run their own businesses, create a business plan, and put their plans into action. Students will tackle problems real business professionals face, such as interviewing, hiring, and supervising staff, keeping financial records, evaluating results, and much more.

Business Management/Work-Based Learning (Optional)

Offered: Fall & Spring Grade Level: 12 CTE Code: 120980

Course Length: 1-2 Semesters Credit & Type: CTE,

Elective

Prerequisites: Completion of the Business Management Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Digital Media Pathway Course Descriptions & Sequence

Intro Course	Media Technologies Fundamentals (1 Semester)
Intermediate Courses	Broadcast/Video Technologies 1 (1Semester) Broadcast/Video Technologies 2 (1 Semester)
Capstone	Broadcast/Video Technologies 3 A & B (2 Semesters)

Media Technologies Fundamentals

Offered: Fall & Spring Grade Level: 9 – 12 CTE Code: 111533 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

This course is designed to be an introduction to software taught in Graphic Communications. Students will learn how to navigate through the various learning components and create projects in Adobe Photoshop and Illustrator. Fundamental tool and equipment skills, transferable knowledge sets, employability skills, communication skills, and terminology used throughout the industry will be discussed.

Broadcast/Video Technologies 1

Grade Level: 9 – 12 CTE Code: 111030 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Media Technologies Fundamentals

This course is designed to introduce the basics of video and audio productions to include: composition, visual storytelling, audio production basics, video editing, lighting, and file management.

Broadcast/Video Technologies 2

Offered: Fall & Spring Grade Level: 9 - 12CTE Code: 111031 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Media Technologies Fundamentals and Broadcast /Video Technologies 1

This course is designed to cover the technical aspects of the broadcast field, audio, and video equipment usage. The world of video productions is dynamic. It is continuously on the verge of change and improvement, almost daily. Advancements in technology foster creativity by encouraging new ways of creating and delivering content.

Offered: Fall & Spring

Broadcast/Video Technologies 3 (Capstone)

Offered: Fall & Spring Grade Level: 10 - 12CTE Code: 111032 Credit & Type: CTE, Elective Course Length: 2 Semester

Prerequisites: Media Technologies Fundamentals, Broadcast /Video Technologies 1 and 2

This course is designed to provide students with opportunities to produce, direct, host, and write programs to be aired on commercial and public media.

Digital Media/Work-based Learning (Optional)

Offered: Fall & Spring CTE Code: 111981 Grade Level: 12 Course Length: 1-2 Semester Credit & Type: CTE, Elective

Prerequisites: Completion of the Digital Media Production Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Graphic Design Pathway Course Descriptions & Sequence

Intro	Media Technologies Fundamentals (1 Semester)
Course Intermediate Courses	Graphic Communications 1A or 1B (1 - 2 Semesters) Graphic Communications 2A & 2B (2 Semesters)
Capstone	Graphic Communications 3A & 3B (2 Semesters)

Media Technologies Fundamentals

Offered: Fall & Spring Grade Level: 9 – 12 CTE Code: 111533 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

This course is designed to be an introduction to software taught in Graphic Communications. Students will learn how to navigate through the various learning components and create projects in Adobe Photoshop and Illustrator. Fundamental tool and equipment skills, transferable knowledge sets, employability skills, communication skills, and terminology used throughout the industry will be discussed.

Graphic Communications 1A

Offered: Fall & Spring Grade Level: 9 – 12 CTE Code: 111540 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Recommend Media Technologies Fundamentals

Students will learn Adobe Photoshop (1A) to an industry certification level. Projects and creative days are intermixed to allow hands-on projects using the real-world application of the skills they are learning. *Students will have an opportunity to earn Adobe certification: Photoshop.

Graphic Communications 1B

Offered: Fall & Spring Grade Level: 9 – 12 CTE Code: 111540 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Recommend Media Technologies Fundamentals

Students will learn Adobe Illustrator (1B) to an industry certification level. Projects and creative days are intermixed to allow hands-on projects using the real-world application of the skills they are learning. *Students will have an opportunity to earn Adobe certification: Illustrator.

Graphic Communications 2A & 2B

Grade Level: 10 - 12

Course Length: 2 Semesters (Full Year)

Prerequisites: Graphic Communications 1 A or B

Offered: Fall & Spring CTE Code: 111541 Credit & Type: CTE, Elective

Offered: Fall & Spring

This course allows for student choice. Students are able to select from the seven courses that align with Adobe industry certifications and choose which one they would like to learn. Projects and creative days are intermixed to allow hands-on projects using the real-world application of the skills they are learning. *Students will have an opportunity to earn Adobe certification: Photoshop, Illustrator, InDesign, Premiere, After Effects, and Animate.

Graphic Communications 3A & 3B (Capstone)

Offered: Fall & Spring Grade Level: 11 - 12CTE Code: 111542 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Graphics 1 A or B and Graphics 2 A & B

This course allows for student choice. Students are able to select from the seven courses that align with Adobe industry certifications and choose which one they would like to learn. Projects and creative days are intermixed to allow hands-on projects using the real-world application of the skills they are learning. *Students will have an opportunity to earn Adobe certification: Photoshop, Illustrator, InDesign, Premiere, After Effects, and Animate.

Graphic Design/Work-Based Learning (Optional)

Grade Level: 12 CTE Code: 111980 Course Length: 1-2 Semesters Credit & Type: CTE, Elective

Prerequisites: Completion of the Graphic Design Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Pre-Engineering Pathway Course Descriptions & Sequence

Intro	Fundamentals of Engineering (1 Semester)
Course Intermediate Courses	Introduction to eSports (1 Semester) Engineering 1A & 1B (2 Semesters) Engineering 2A & 2B (2 Semesters)
Capstone	Engineering 3A & 3B (2 Semesters)

Engineering Fundamentals

Grade Level: 9 – 10 Course Length: 1 Semester

Prerequisites: None

Join a class that transforms curiosity into action! Step into a hands-on adventure where students will master problem-solving by crafting solutions and testing them. But there's more! They'll also explore 3D modeling, wield real lasers, and become 3D printing wizards. This isn't just learning: it's bringing ideas to life, guided from brainstorming to building. No limits, just creativity.

Introduction to eSports

Offered: Fall & Spring Grade Level: 9-12 CTE Course: 210090 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Engineering Fundamentals or Instructor approval

This course is designed to tap into the global phenomenon of competitive gaming, which has evolved from a leisure activity into a multi-billion-dollar industry, influencing millions and leading to the creation of numerous academic eSports programs worldwide. It focuses on harnessing the benefits of competitive gaming, such as teamwork, strategic thinking, leadership, and resilience, while also enhancing cognitive skills like hand-eye coordination, attention, and problem-solving. Additionally, the course is geared towards fostering community connections, promoting health and well-being, and exploring career opportunities in game development. By integrating eSports into the educational framework, the class offers a unique avenue for learning and skill development, preparing students to be the innovators and leaders of tomorrow.

Offered: Fall & Spring

Credit & Type: CTE, Elective

CTE Code: 210030

Engineering 1AGrade Level: 10 – 11

Offered: Fall
CTE Course: 210520

Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Engineering Fundamentals or Instructor approval

Unlock creativity in this course! Building on computer modeling skills from Engineering Fundamentals, students will use specialized tools to bring ideas to life. Dive into the world of computer-controlled equipment to turn 3D designs into real models. And that's just the beginning! Students will also explore CNC fundamentals, uncovering the secrets of cutting-edge technology in manufacturing. Get ready to bridge imagination and reality – this course is the key to mastering these essential tools.

Engineering 1BOffered: SpringGrade Level: 10 - 11CTE Course: 210051Course Length: 1 SemesterCredit & Type: CTE, Elective

Prerequisites: Engineering Fundamentals or Instructor approval

Engineering 1B: The gateway to design a dynamic world! Dive deep into foundational skills for architecture and mechanical engineering. Unleash creativity with industry-standard tools, embracing open-ended projects. Craft, simulate, and bring visions to life – join the thrilling design adventure with boundless opportunities.

Engineering 2AOffered: FallGrade Level: 10 - 12CTE Course: 210090Course Length: 1 SemesterCredit & Type: Science

Prerequisites: Engineering Fundamentals or Instructor approval

Engineering 2A teaches students to design, implement, and analyze solutions to problems that arise in everyday life - with computers! Students will learn the Python language (the most used computer language in the world) and apply it to write, run, test, and debug solutions in the world. This course is recommended for any student entering a math, engineering, business, or science-related field. *This course will meet graduation requirements for science.

Engineering 2BOffered: SpringGrade Level: 10-12CTE Course: 210090Course Length: 1 SemesterCredit & Type: Science

Prerequisites: Engineering Fundamentals

In Engineering 2B, students will dive into hands-on projects like simple machines, structure designs, and robotics. This course focuses on practical applications of engineering and design principles, emphasizing problem-solving in areas like mechanical and industrial design, as well as robotics and control systems. It's an exciting journey where students will explore different solutions for each challenge, preparing them to tackle real-world engineering problems with confidence. *This course will meet graduation requirements for science.

Engineering 3 A & B (Capstone)

Grade Level: 11 - 12

Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective **Prerequisites**: Engineering 2 A and B

In this hands-on course, students will be working on a variety of engineering projects including working with simple machines, bridge designs, and robotics. Principles of Engineering is a course that focuses on the application of engineering concepts. The class looks at the use of technology, math, and scientific ideas throughout the entire engineering process. Students will be exposed to several engineering fields such as material design, civil engineering, and mechanical engineering. The activities in class are designed to have students work in groups and use modern

the Senior Project.

Engineering/Work-Based Learning (Optional)

Offered: Fall & Spring Grade Level: 12 CTE Code: 210480 Course Length: 1-2 Semesters Credit & Type: CTE, Elective

technology to develop solutions for engineering problems. This course can be used to complete

Prerequisites: Completion of the Engineering Pathway

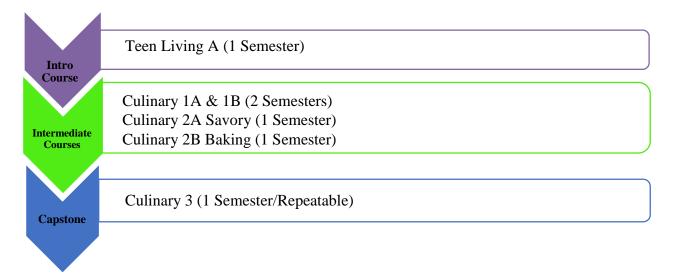
This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Offered: Fall & Spring

CTE Course: 210062

Culinary Arts Pathway Course Descriptions & Sequence



Teen Living A Offered: Fall Grade Level: 9 -10 CTE Course: 160530

Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

This course helps students understand and cope with personal, family, and social challenges. Emphasis is placed on communication, decision-making skills, and building stable relationships with family and peers. Teen Living A will implement the foundational foods course acting as the introductory course for the Culinary Pathway and will include cooking and sanitation. *Students will have an opportunity to earn: Idaho Food Handlers Certification.

Culinary 1AOffered: FallGrade Level: 10 – 11CTE Course: 222511Course Length: 1 SemesterCredit & Type: CTE, Elective

Prerequisites: Teen Living A & Idaho Food Handlers Certificate

This course addresses nutrition, wellness, and personal lifestyle. Course content includes food safety and sanitation, food preparation techniques including knife skills, soups, salads, sauces, and career options in nutrition and related fields. This course is not open to 9th graders. This course is required for Culinary 1B.

Culinary 1BOffered: SpringGrade Level: 10-11CTE Course: 222511Course Length: 1 SemesterCredit & Type: CTE, Elective

Prerequisites: Culinary 1A & Idaho Food Handlers Certificate

This course addresses nutrition, wellness, and personal lifestyle. Course content includes food safety and sanitation, Basic food preparation techniques including proteins, starches, vegetables, and sauces, and planning & preparing a complete meal. This course is not open to 9th graders. This course is required for Culinary 2 Savory or Baking.

Culinary 2 SavoryOffered: Fall & SpringGrade Level: 10 – 11CTE Course: 160523

Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Culinary 1A & 1B

This course is a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, business management, service techniques, and employability skills. This course will be using an "introductory level" industry standard curriculum of food safety and sanitation. Culinary 2 Savory course focuses on the preparation and planning of savory dishes. Please note, students can choose to take either Culinary 2 Savory or Culinary 2 Baking.

Culinary 2 BakingOffered: Fall & SpringGrade Level: 10-11CTE Course: 160523Course Length: 1 SemesterCredit & Type: CTE, Elective

Prerequisites: Culinary 1A & 1B

This course is a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, business management, service techniques, and employability skills. This course will be using an "introductory level" industry standard curriculum of food safety and sanitation. Culinary 2 Baking course focuses on an introduction to a bake shop. Please note, students can choose to take either Culinary 2 Savory or Culinary 2 Baking.

Culinary 3 (Capstone)Offered: Fall & SpringGrade Level: 11 – 12CTE Course: 160524Course Length: 1 Semesters (Repeatable)Credit & Type: CTE, Elective

Prerequisites: Culinary 1A & B and Culinary 2 Savory or Culinary 2Baking

This course will help students reach competency in major areas of food preparation. Students will have the opportunity to develop skills and perform the duties required of personnel in food and beverage operations within the restaurant industry. Students will learn to work individually, in small groups, and in a professional kitchen brigade. Part of this course is running the Culinary Cafe. Duties include planning, preparation, menu development, pricing, and sanitation in the cafe, and honing management skills by helping other students develop culinary skills. This course can be taken more than once.

Culinary Arts/Work Based Learning (Optional)

Grade Level: 12 CTE Code: 160982

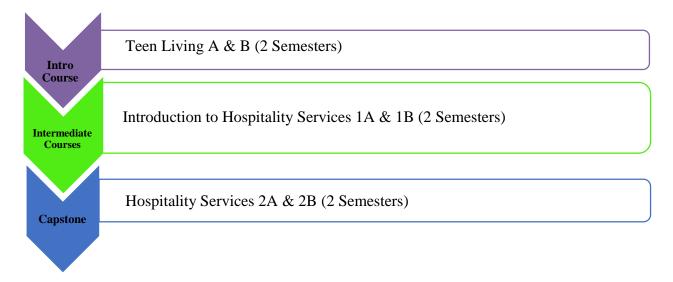
Course Length: 1-2 Semesters

Prerequisites: Completion of the Culinary Arts Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.

Offered: Fall & Spring

Hospitality Services Pathway Course Descriptions & Sequence



Teen Living A & B Offered: Fall Grade Level: 9 -10 CTE Course: 160530, 161513 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: No

This course helps students understand and cope with personal, family, and social challenges. Emphasis is placed on communication, decision-making skills, and building stable relationships with family and peers. It addresses issues that affect teenagers: self-concept, family and peer relationships, substance abuse, personal loss, dating and teenage pregnancy, and child abuse. Emphasis is placed on students taking personal responsibility for life. Teen Living A will implement the foundational foods course acting as the introductory course for the Culinary Pathway and will include cooking and sanitation. Teen Living B will include baby and sewing projects. *Students will have an opportunity to earn: Idaho Food Handler Certification

Introduction to Hospitality Services 1 A & B

Offered: Fall & Spring Grade Level: 10 – 11 CTE Code: 161512 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Teen Living A & B (Recommended)

Introduction to Hospitality Essentials is the first in a two-course pathway. The Introduction to Hospitality Essentials Course will offer an introduction to the hospitality and tourism industry. The course will include an industry overview and preparation for employment or entrepreneurship in a variety of occupations utilizing the knowledge and skills in the hospitality field and related to family and consumer sciences content. Skill development will be achieved through classroom laboratory, project-based learning, and school-based enterprise. FCCLA activities should be integrated into this program.

Hospitality Services 2 A & B (Capstone)

Offered: Fall & Spring Grade Level: 10 - 11CTE Code: 161510 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Teen Living A & B and Intro to Hospitality Services 1 A & B

Hospitality Services is the second in a two-course pathway. The Hospitality Service Course provides high school students with an advanced look into the growing hospitality industry. The course is designed to provide students with skills and knowledge important within the hospitality and tourism industries. Students will have the opportunity to explore career opportunities and develop an awareness and understanding of one of the largest industries in the world. Hospitality operations are located in communities throughout the world. Work experience may be located in area hotels or other hospitality-related job sites. FCCLA activities should be integrated into this program.

Hospitality Services/Work Based Learning (Optional)

Grade Level: 12 CTE Code: 160980 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Completion of the Hospitality Services Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Offered: Fall & Spring

Medical Assistant Pathway Course Descriptions & Sequence

Intro	Fundamentals of Health Professions (1 Semester)
Course Intermediate Courses	Medical Terminology (1 Semester) Anatomy & Physiology A & B (2 Semesters) Fundamentals of Medical Assistant (1 Semester)
Capstone	Advanced Medical Assistant (1 Semester)

Fundamentals of Health Professions

Offered: Fall & Spring Grade Level: 9 -10 CTE Code: 140010 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

Students will learn what is required to become a successful healthcare professional and terminology in the healthcare field. Students will be introduced to a variety of careers available in the healthcare field. Limited to 24 students. *Students will have an opportunity to earn a **CPR/AED Certification.**

Medical Terminology

Offered: Fall & Spring Grade Level: 9 - 10 CTE Code: 141540 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Fundamentals of Health Professions

Through taking this course, students will begin to understand "doctor talk". This course presents a study of medical terminology, including prefixes, suffixes, word roots, and combining forms. Students will learn basic anatomy as they go through each body system, as well as common diseases and disorders of each body system. Limited to 24 students.

Human Anatomy & Physiology A & B

Grade Level: 10 - 11CTE Code: 141551 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Fundamentals of Health Professions and Medical Terminology

This course is designed to provide an opportunity to investigate the human body, its structure, and function. Topics covered will include the basic organization of the body, and major body systems along with the impact of diseases on certain systems. Limited to 24 students.

Offered: Fall & Spring

Fundamentals of Medical Assisting

Offered: Fall Grade Level: 11 - 12CTE Code: 141514 Course Length: 1 Semester Credit & Type: CTE, Elective **Prerequisites**: Fund. Health Professions, Medical Terminology, Anatomy & Physiology A & B

This course will introduce students to the basic skills of a medical assistant, such as using medical equipment and taking vital signs. Students will also learn the clerical skills associated with a medical assistant such as answering phones, taking down medical information, and interacting with patients. Acceptance into the Fundamentals of Medical Assisting course is dependent on a grade of C or above in all of the prerequisite courses. Teacher discretion concerning certain circumstances may be allowed.

Advanced Medical Assisting (Capstone)

Grade Level: 11-12 CTE Code: 141515 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: Fundamentals of Medical Assisting

This course will introduce students to the advanced skills of a medical assistant, such as collecting blood and specimen samples and in-office procedures. Students will also learn the advanced clerical skills associated with a medical assistant such as taking down medical information, interpreting lab results, and interacting with patients. The primary job of a medical assistant is to assist the physician in routine medical procedures, these skills will build upon what was taught in Fundamentals of Medical Assisting and will be much more in-depth. *At the completion of the Capstone class, each student will have the option to take the national certifying exam for Medical Assisting.

Medical Assisting/Work-Based Learning (Optional)

Offered: Fall & Spring Grade Level: 12 CTE Code: 141980 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

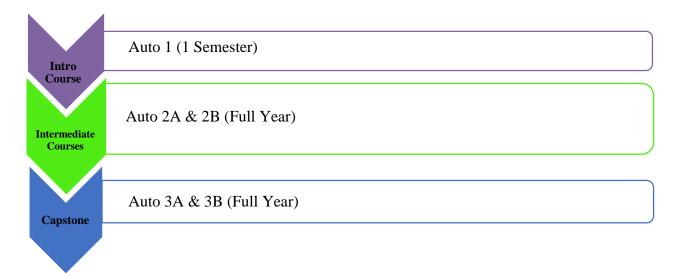
Prerequisites: Completion of the Medical Assisting Pathway (Capstone)

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Offered: Spring

Automotive Technology Pathway Course Descriptions & Sequence



Auto 1 Offered: Fall & Spring
Grade Level: 9-10 CTE Code: 201030
Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

This course is designed to introduce students to basic Automotive Technology. Students will explore careers in the automotive field and learn the fundamental systems and theories of an automobile. Safety protocols will be both instructed and observed in class. Hands-on lab activities may include tasks such as oil changes, tire replacements, and engine disassembly, emphasizing the use of proper tools and equipment. Various hands-on activities with tools and equipment will be incorporated into the learning experience. **Limited to 21 students.**

Auto 2 A & BOffered: Fall & SpringGrade Level: 10 – 11CTE Code: 201031Course Length: 2 Semesters (Full Year)Credit & Type: CTE, Elective

Prerequisites: Auto 1 with a grade of C or higher or permission of the instructor

This course is designed to provide students with classroom theory and training in the 10 ASE (Automotive Service Excellence) certification areas. After completing classroom instruction, there will be a greater emphasis on hands-on training in a lab setting. The labs will make use of the latest equipment and diagnostic tools for practical hands-on work. This hands-on experience aims to familiarize students with the general repair procedures for today's automobiles and light trucks. Emphasis on safety will be maintained and instructed in both the classroom and the lab. Students are strongly encouraged to actively participate in SkillsUSA activities to further expand and deepen their experiences. **Limited to 17 students.**

Auto 3 A & B

Grade Level: 11 - 12

Course Length: 2 Semesters (Full Year)

Offered: Fall & Spring

CTE Code: 201032

Credit & Type: CTE, Elective

Prerequisites: Auto 2 with a grade of C or higher and/or permission of the instructor

A course that provides students with an environment similar to a repair shop. This class will focus on spending time in the lab diagnosing and repairing cars and light trucks. Students will become familiar with using the latest tools and equipment to prepare for ASE Student Certifications. Teamwork and problem-solving skills will be developed to help prepare students for entry-level automotive employment. Up to 10 ASE Student Certifications can be earned at the end of this course. Students are encouraged to participate in SkillsUSA activities to expand and deepen their experiences. **Limited to 17 students.**

Automotive Technology/Work-Based Learning (Optional) Grade Level: 12 Course Length: 2 Semesters (Full Year) Offered: Fall & Spring CTE Code: 201482 Credit & Type: CTE, Elective

Prerequisites: Completion of the Automotive Technology Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Aviation Flight Pathway Course Descriptions & Sequence

Intro	Introduction to Aviation & Aircraft Technology (1 Semester)
Course Intermediate Courses	Aviation 1A & 1B (2 Semesters) Aviation 2A & 2B (2 Semesters)
Capstone	Aviation 3A & 3B (2 Semesters)

Introduction to Aviation and Aircraft Technology

Offered: Fall & Spring Grade Level: 9 - 11 CTE Code: 201033 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

This course will provide an introduction to the aviation, aerospace, and aircraft maintenance industries. Students will examine aviation career opportunities, discover concepts and principles of aviation, and delve into general practices of the aircraft maintenance field. Areas of study are aviation history, pilot training, airplane structure, engines, basic aerodynamics, flight environment, airports, and navigation. In addition, the course exposes the student to the history of manned space flight.

Aviation 1A & 1B Offered: Fall & Spring CTE Code: 201033 Grade Level: 10-11 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Introduction to Aviation and Aircraft Technology

Aviation 1A will cover basic meteorological concepts that apply to aviation. Emphasis is on the use of national weather service reports and forecasts to evaluate flight conditions. The course also prepares students for the weather section of the FAA Private Pilot Knowledge examination. Aviation 1B studies the basic principles of aerodynamics, including airfoil shapes and aerodynamic forces, airplane performance, stability and control, strength limitations, and the application of these to specific flight situations. Included in this course are flight performance with airflow in the sub-, trans-, and supersonic envelope.

Aviation 2A & 2B Offered: Fall & Spring

Grade Level: 11-12 CTE Code:

Course Length: 2 Semester (Full Year)

Credit & Type: CTE, Elective

Prerequisites: Aviation 1A & 1B

Aviation 2A will build fundamental knowledge and skills learned in the prior courses while teaching students the essential competencies needed for flight under normal conditions. Upon completion of this course, proficient students will be able to apply knowledge, skills, and procedures in a variety of simulated flight environments. Moreover, students who complete this course will have the opportunity to move on to advanced study in Advanced Flight, where they will continue to prepare for the FAA Private Pilot written exam.

Aviation 3A & 3B (Capstone)

Grade Level: 12 CTE Code:

Course Length: 2 Semesters (Full Year)

Credit & Type: CTE, Elective

Prerequisites: Aviation 2A & 2B

In this course, the student studies aeronautics, regulations, meteorology, and instrument procedures in preparation for the FAA instrument knowledge examination. This course will prepare students for careers in aviation. While continuing to build upon the knowledge, skills, and competencies acquired in Introduction to Aerospace and Principles of Flight, students in Advanced Flight will receive rigorous instruction in preparation to take the Federal Aviation Administration (FAA) Private Pilot written exam.

Aviation Flight Pathway/Work-Based Learning (Optional)

Grade Level: 12

Course Length: 2 Semesters (Full Year)

Prerequisites: Completion of the Aviation Flight Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.



Offered: Fall & Spring

Aviation Mechanics Pathway Course Descriptions & Sequence

Intro	Introduction to Aviation and Aircraft Technology (1 Semester)
Course Intermediate Courses	Aircraft Technology 1A & 1B (2 Semesters) Aircraft Technology 2A & 2B (2 Semesters)
Capstone	Aircraft Technology 3A & 3B (2 Semesters)

Introduction to Aviation and Aircraft Technology

Offered: Fall & Spring Grade Level: 9 - 12 CTE Code: 201033 Course Length: 1 Semester Credit & Type: CTE, Elective

Prerequisites: None

This course will provide an introduction to the aviation, aerospace, and aircraft maintenance industries. Students will examine aviation career opportunities, discover concepts and principles of aviation, and delve into general practices of the aircraft maintenance field. Areas of study are aviation history, pilot training, airplane structure, engines, basic aerodynamics, flight environment, airports, and navigation. In addition, the course exposes the student to the history of manned space flight.

Aircraft Technology 1A & 1B

Offered: Fall & Spring Grade Level:10-11 CTE Code: 201033 Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Introduction to Aviation and Aircraft Technology

This course is designed to teach the theory of operation of aircraft airframes and associated maintenance and repair practices. It is designed as a lecture and lab in the PR2TA hangar at Emmett Airport. Students will begin studying topics mandated by the Federal Aviation Administration (FAA) to pass the General knowledge test of the FAA Airframe and Power plant (A&P) certification. Students will also learn skills applicable to an apprenticeship pathway to the A&P including shop safety and safety around aircraft, identification of tools, aircraft ground handling, aircraft servicing, identification of tools, identification materials and hardware, aviation math, physics, sheet metal fabrication and repair and aircraft corrosion control A knowledge of algebra is helpful but not required.

Aircraft Technology 2A & 2B

Grade Level: 11-12

CTE Code: Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Offered: Fall & Spring

Offered: Fall & Spring

Prerequisites: Aircraft Technology 1A & 1B

This course is designed to teach students about wiring systems and troubleshooting electronic systems within an aircraft. It covers different types of electrical wires and cables, various preparation and fabrication techniques (cutting, stripping, crimping, soldering, and tying), and installation issues (segregation, tie-wrapping, and chafing). Students will learn aircraft weight and balance principles, weigh an aircraft, and calculate a weight and balance form. Students will learn how to conduct an annual inspection, interpret regulatory requirements, understand aircraft drawings, and conduct advanced airframe repairs.

Aircraft Technology 3A & 3B (Capstone)

Grade Level: 12

CTE Code: Course Length: 2 Semesters (Full Year) Credit & Type: CTE, Elective

Prerequisites: Aircraft Technology 2A & 2B

This course is designed to teach the theory of operation of aircraft power plants and associated maintenance and repair practices. Power plant maintenance and repair practices include knowledge of the theory, function, diagnosis, and service of power plant systems, and components of aircraft. Students will get hands-on experience in disassembling, measuring, and inspecting internal components and reassembling a piston aircraft engine. Industry-recognized professional licensures, certifications, and registrations are available for students who meet the requirements set forth by the accrediting organization. Students will complete their capstone by passing the FAA 50-question general exam of the FAA A&P certification process.

Aviation Mechanic Pathway/Work-Based Learning (Optional)

Grade Level: 12

Course Length: 1-2 Semesters

Prerequisites: Completion of the Aviation Mechanic Pathway

This is an option for students who have completed the pathway and are looking at extending their learning through a supervised internship/work-based learning experience. Students enrolled must have their own transportation when required.

"The desire to fly is an idea handed down to us by our ancestors who, in their grueling travels across trackless lands in prehistoric times, looked enviously on the birds soaring freely through space, at full speed, above all obstacles, on the infinite highway of the air".

- Wilbur Wright

Army Junior Reserve Officers' Training (JROTC)

The Junior Reserve Officers' Training Corps, or JROTC Program, includes full credit elective courses that provide interesting classroom instruction combined with the opportunity to serve the school and community, participate in extracurricular activities, enjoy active social programs, and have the opportunity for early leadership responsibilities. There is absolutely no obligation of any kind to join the military.

Army JRTOC 1A & 1B

Grade Level: 9

Course Length: 2 Semesters Credit & Type: Elective

This course is designed to develop an understanding of leadership traits and principles, citizenship, oral communication, physical fitness, health/wellness including drug prevention and CPR, motivational techniques such as "Unlocking Your Potential" and an awareness of military history.

Army JROTC 2A & 2B

Grade Level: 10

Course Length: 2 Semesters Credit & Type: Elective

Prerequisite: Army JROTC 1A & 1B

This course includes the study of wellness, fitness and first aid, drug awareness, ethical values, and principles of good citizenship in American history and Government. Demonstrate knowledge of drill, map reading, and physical training, with emphasis on methods of instruction.

Army JROTC 3A & 3B

Grade Level: 11

Course Length: 2 Semesters Credit & Type: Elective

Prerequisite: Army JROTC 2A & 2B

This course includes the study of leadership strategies, the foundation of success, managing conflict, career planning, financial planning, citizenship in American history, and government with continued practical work in leadership, drill, technology awareness, and methods of instruction. map reading and physical training.

Army JROTC 4A & 4B

Grade Level: 12

Course Length: 2 Semesters Credit & Type: Elective

Prerequisite: Army JROTC 3A & 3B

This course cadets must demonstrate leadership potential as role models, coaches, counselors, management skills, and assistant instructors. Study service to the Nation and financial planning, with continued practical work in drill, technology awareness, physical training, and command and staff principles. Cadets may only take Level 4 courses with the approval of the Senior Army Instructor and Army Instructor.

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