Online Course Catalog 2026-2027



Payette River Regional
Technical Academy
www.pr2ta.com
208-365-0985

About PR2TA

PR2TA is one of 14 Career Technical Centers (CTC) in Idaho, offering Career Technical Education (CTE) classes in specific career pathways. Recommended sequences of courses are provided in each program to show the path to the capstone/completer course. Students can take any introductory course without following a pathway to completion. Business and industry certifications can be earned during their pathway program. A CTE Diploma can be earned on top of their high school Diploma after completing a CTE pathway. Students can talk to a PR2TA pathway instructor, an administrator, or their school counselor if they have any questions or if they need help achieving the goal they have for themselves.



Aviation Hangar

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. Student leadership organizations are referenced in the pathway descriptions and are available with most pathways. Students should ask instructors for more information if they are interested.

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Ag/Animal Science Pathway

Recommended Course Sequence

- ✓ Required class
- • Recommended class

9th Grade

- ✓ **Intro to Livestock Industry: 181010 (1 credit, semester class)**

⇩

10th Grade

- ✓ **Animal Science: 181011 (1 credit, semester class)**
  Small Animal Care: 181020 (1 credit, semester class)
  Small Animal Care is recommended, not required for pathway

⇩

11th Grade

- ✓ **One of the following: 181013 (students can take both)**
  - **Applied Livestock Management (1 credit, semester class)**
  - **Veterinary Science (1 credit, semester class)**

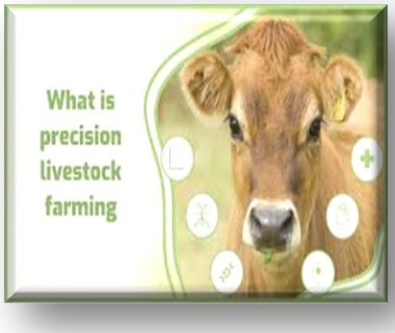
⇩

12th Grade
Capstone

- ✓ **Advanced Animal Science A & B: 181018 (2 credits, year-long class)**
  optional
- ✓ **Animal Science Work-Based Learning: 181480 (1-2 credits, repeatable class)** ***Must have completed the Agriculture/Animal Science Pathway***

⇩

Ag/Animal Science Pathway



Classes in Agriculture/Animal Science focus on the production, processing, marketing, distribution, financing, and development of livestock, small animal, and aquaculture.

These courses prepare students for jobs in the animal industry such as animal caretakers, poultry science, veterinary assistants, wildlife biology, fisheries management, rancher/breeder, farm manager, meat inspector, and much more.

These courses are project-based but will require note-taking and foundational learning in the introductory course, and lab work, including dissections in the intermediate and advanced classes. All students can participate in FFA and will be required to complete a Supervised Agricultural Experience (SAE) for a grade.

	Intro to Livestock Industry **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This is an introductory course aimed at helping students understand agriculture, how it is used, and the job options available in the field. **Sequence:** 1st course in pathway.		

	Animal Science **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** Intro to Livestock Industry with C or higher or instructor's permission
This is an intermediate course aimed to learn about nutrition, reproduction, diseases, breeding, genetics, body structure, and how animals work in livestock. You'll get to do many hands-on activities and might even participate in some dissections. **Sequence:** 2nd course in pathway. ***This course counts toward graduation requirements for science.**		

	Small Animal Care **Grade Levels:** 10 -1 1	**Course Offering:** Fall and Spring **Prerequisites:** Animal Science with C or higher or instructor's permission
A course that focuses on the care and management of small animals. This course will cover the subjects of animal nutrition, health, behavior, handling and training, and grooming. **Sequence:** 2nd or 3rd course in pathway.		

	Applied Livestock Management **Grade Levels:** 10 - 11	**Course Offering:** Fall and Spring **Prerequisites:** Small Animal Care with C or higher or instructor's permission
A course that includes principles of animal production and management. Students have an option to take this course for a full year or choose one semester, each with a different emphasis. A is an emphasis on livestock management. 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. **Sequence:** 4th course in pathway.		

	Veterinary Science **Grade Levels:** 10 - 11	**Course Offering:** Fall and Spring **Prerequisites:** Small Animal with C or higher or instructor's permission
Students will develop soft and technical skills in Animal Health and Veterinary Science (AHVS) by practicing prevention, diagnosis, and treatment techniques. They then apply these skills in real-world CASE Study Problems. **Sequence:** 5th course in pathway.		

	Advanced Animal Science A & B Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Applied Livestock Management A **or** B with C or higher or instructor's permission
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. **Sequence:** Capstone course in pathway.		

	Animal Science Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **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. **Sequence:** Optional course in pathway.		

	Certifications Available	
• OSHA Ten Hour		

Administrative Services Pathway

Recommended Course Sequence

- ✓ Required class
- • Recommended class

9th Grade

- ✓ **Computer Applications 1: 100050 (1 credit, semester class)**

⇩

10th Grade

- ✓ **Computer Applications 2: 100051 (1 credit, semester class)**

and

- ✓ **Business Essentials: 120010 (1 credit, semester class)**

⇩

11th Grade

- ✓ **Personal Finance: 121013 (1 credit, semester class)**

⇩

12th Grade

- ✓ **Business Administration Capstone: 120030 (1 credit, semester class)**

optional

- ✓ **Business Administration Work-Based Learning: 120480 (1-2 credits, repeatable class)** ***Must have completed the Administrative Services Pathway.***

Administrative Services Pathway



Business and Marketing Education Programs help students gain the knowledge and skills they need to effectively work in the ever-changing world of commerce. This involves learning how to plan, organize, and manage different business activities while also developing marketing abilities.

These courses prepare students for jobs in the business industry including office managers, information systems managers, arts/graphics directors, executive assistants, desktop publisher, and much more. All students can participate in BPA.

Computer Applications 1 **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This beginner course aims to boost students' computer skills for both personal and job use. They will learn how to use Microsoft Office applications to tackle real business challenges. Students will learn to use word processing software to create basic business documents that meet industry standards, as well as presentation software to design impactful presentations. **Sequence:** 1st course in pathway.	

Computer Applications 2 **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** Computer Applications 1
This intermediate course will build on what students have learned in Computer Applications I. They will use Microsoft Office programs throughout the course. Topics will include using spreadsheet software to tackle complicated math problems related to business finance, as well as an introduction to database applications. **Sequence:** 2nd course in pathway.	

Business Essentials **Grade Levels:** 10 -1 1	**Course Offering:** Fall and Spring **Prerequisites:** Recommend Computer Apps 1
This intermediate course aims to help students explore different career paths, especially in the business field. It will focus on building important skills and knowledge needed for various jobs. Students will learn about key traits that make them employable by developing their interpersonal, communication, and leadership skills. **Sequence:** 3rd course in pathway.	

Personal Finance **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Recommend Computer Apps 1 **or** Business Essentials
This course aims to teach students how to manage their money wisely so they can make good financial decisions throughout their lives. Students will learn about banking, budgeting, and the costs involved in borrowing money. Emphasis will be placed on making smart choices when it comes to saving, investing, and planning for retirement, helping them start on the path to a successful financial future. Additionally, students will become aware of how to be smart shoppers and protect their identities, possessions, and assets through various types of insurance. **Sequence:** 3rd or 4th course in pathway. ***This course will count towards graduation requirements.**	

	Business Administration Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Business Essentials **and** Personal Finance
This advanced course aims to help students apply important business and marketing skills through hands-on projects. Students will have the chance to become skilled in areas like leadership, technology, marketing, basic business principles, and entrepreneurship. They will utilize people skills, public speaking, business communication, understanding careers, and job-search techniques. **Sequence:** Capstone course in pathway**. *Please note that this course is online**.		

	Business Administration Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of Business Administration 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. **Sequence:** Optional course in pathway.		

	Certifications Available	

- Microsoft Office Specialist (MOS): Word, Excel, PowerPoint (Access & Outlook)
- CWI Dual Credit Option may be available

Business Management Pathway

Recommended Course Sequence

✓ Required class

• Recommended class

9th Grade

✓ **Principals of Business: 120552 (1 credit, semester class)**

⇩

10th Grade

✓ **Principals of Marketing: 121640 (1 credit, semester class)**

and

✓ **Business Communications: 120090 (1 credit, semester class)**

⇩

11th Grade

✓ **Personal Business Finance: 121013 (1 credit, semester class)**

⇩

12th Grade

✓ **Business Strategies Capstone: 120530 (1 credit, semester class)**

✓ **Economics*: (1 credit, semester class) *Social Studies Credit**

optional

✓ **Business Management Work-Based Learning: 120980 (1-2 credits, repeatable class)** ***Must have completed the Business Management Pathway.***

Business Management Pathway



Business and Marketing Education Programs help students gain the knowledge and skills they need to effectively work in the ever-changing world of commerce. This involves learning how to plan, organize, and manage different business activities while also developing marketing abilities.

This program prepares students for various jobs in the business field such as entrepreneurs, account manager, store managers, advertising managers, and much more. All students can participate in BPA.

Principals of Business **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This introductory course will open students' eyes to the world of business. During the course, students will learn about some of the major areas of running a business (marketing, management, and finance) through real-world projects. **Sequence:** 1st course in pathway.	

Principals of Marketing **Grade Levels:** 10-11	**Course Offering:** Fall **Prerequisites:** Principals of Business
Through projects and problem-solving students will get inside marketers' heads and find out what makes them tick. Projects in this intermediate 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. **Sequence:** 2nd course in pathway.	

Business Communications **Grade Levels:** 10 -1 1	**Course Offering:** Spring **Prerequisites:** Principals of Marketing
Students will learn first-hand how to manage projects and people and how to do it ethically and legally. Students will 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. **Sequence:** 3rd **or** 4th course in pathway.	

Personal Finance **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** 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! **Sequence:** 3rd **or** 4th course in pathway. ***This course will count towards graduation requirements.**	

Economics **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Business Communications
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. **Sequence:** Capstone course in pathway.	

Business Strategies Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Business Communications **and** 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 that real business professionals face, such as interviewing, hiring, and supervising staff, keeping financial records, evaluating results, and much more. **Sequence:** Capstone course in pathway.	

Business Management Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of Business Administration 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. **Sequence:** Optional course in pathway.	

Certifications Available

- Intuit QuickBooks
- AAFCS Pre-Pac Personal and Family Finance
- A.S.K Fundamentals of Business Concepts
- A.S.K. Concepts of Entrepreneurship & Management

Digital Media Pathway

Recommended Course Sequence

- ✓ Required class
- • Recommended class

9th Grade

- ✓ **Media Technologies Fundamentals: 111533 (1 credit, semester class)**

⇩

10th Grade

- ✓ **Video Technologies 1: 111030 (1 credit, semester class)**

and

- ✓ **Video Technologies 2: 111031 (1 credit, semester class)**

⇩

11th Grade

- ✓ **Video Technologies 3 Capstone: 111032 (2 credits, year-long class)**

⇩

12th Grade

optional

- ✓ **Digital Media Work-Based Learning: 111981 (1-2 credits, repeatable class)**
  Must have completed the Digital Media Pathway.

Digital Media Pathway



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

This program prepares students for various jobs in the digital media field such as radio/TV broadcast technician, sound technician, animator, audio/video engineer, virtual reality specialist, and much more.

Media Technologies Fundamentals **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This course is a beginner's guide to software used in digital and graphic design industries. Students will learn how to use different features and create projects in Adobe Photoshop and Illustrator. We will cover basic skills with tools and equipment, useful knowledge that can be applied in various jobs, communication skills, and industry-related terms. **Sequence:** 1st course in pathway.	

Video Technologies 1 **Grade Levels:** 9 -10	**Course Offering:** Fall and Spring **Prerequisites:** Media Technologies Fundamentals
This introductory course transforms you from a media consumer to a Digital Media Creator. You will learn the fundamentals of video and audio production, including camera settings, framing, storyboarding, visual storytelling, audio recording and podcasting basics, video editing, studio lighting, file management, and Adobe workflows. **Sequence:** 2nd course in pathway.	

Video Technologies 2 **Grade Levels:** 10 -1 1	**Course Offering:** Fall and Spring **Prerequisites:** Broadcast/Video Technologies 1
This intermediate course focuses on the technical aspects of broadcasting and the use of audio and video equipment. The rapidly evolving video production landscape drives innovation in content creation and delivery. Students will deepen their understanding of techniques from Digital Media Technologies 1, honing skills in camera operations and editing through precise projects that assess exposure, composition, and quality in line with industry standards. **Sequence:** 3rd course in pathway.	

Video Technologies 3 Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Broadcast/Video Technologies 2
This advanced course offers students the chance to create, lead, present, and write programs that appear on both commercial and public media. **Sequence:** Capstone course in pathway.	

Digital Media Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of Digital Media 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. **Sequence:** Optional course in pathway	

Certifications Available

- Adobe Certified Professional Certifications

Graphic Design Pathway

Recommended Course Sequence
- ✓ Required class
- • Recommended class

This pathway has limited seats per course.

9th Grade

- ✓ **Media Technologies Fundamentals: 111533* (1 credit, semester class)**

⇩

10th Grade

- ✓ **One of the following: 111540 (students can take both)**
  - **Graphic Communications Photoshop (1 credit, semester class)**
  - **Graphic Communications Illustrator (1 credit, semester class)**

⇩

11th Grade

- ✓ **Graphic Communications 2A & 2B: 111541 (2 credits, year-long class)**

⇩

12th Grade

- ✓ **Graphic Communications 3A & 3B Capstone: 111542 (2 credits, year-long class)**

<u>optional</u>

- ✓ **Digital Media Work-Based Learning: 111980 (1-2 credits, repeatable class)**
  Must have completed the Graphic Design Pathway.

* This course will count towards your digital literacy graduation credit

Graphic Design Pathway



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

This program prepares students for various jobs in the digital media field such as interior design, instructional designer, 2D/3D artist, developer, desktop publisher, design engineer, graphic design, advertising, Social Media developer, and much more.

Media Technologies Fundamentals **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This course is a beginner's guide to software used in Graphic Communications. Students will learn how to use different features and create projects in Adobe Photoshop and Illustrator. We will cover basic skills with tools and equipment, useful knowledge that applies to various jobs, communication skills, and industry-related terms. **This course is limited to 20 students.** **Sequence:** 1st course in pathway.	

Graphic Communications Photoshop **Grade Levels:** 9 -10	**Course Offering:** Fall and Spring **Prerequisites:** Recommend Media Technologies Fundamentals
Students will learn Adobe Photoshop at a level that meets industry certification standards. The course includes a mix of projects and creative days, giving students the chance to work on hands-on activities that use the skills they are acquiring in real-world situations. **This course is limited to 20 students. Sequence:** 2nd **or** 3rd course in pathway.	

Graphic Communications Illustrator **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** Recommend Media Technologies Fundamentals
Students will learn Adobe Illustrator up to a level that meets industry certification standards. They will work on projects and have creative days where they can apply what they have learned in real-world situations. **This course is limited to 20 students. Sequence:** 2nd **or** 3rd course in pathway.	

Graphic Communications 2A & 2B **Grade Levels:** 10 - 11	**Course Offering:** Fall and Spring **Prerequisites:** Graphic Communications Photoshop **or** Illustrator
This advanced course offers students the chance to create, lead, present, and write programs that appear on both commercial and public media. **This course is limited to 20 students. Sequence:** 3rd or 4th course in pathway.	

Graphics Communications 3A & 3B Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Graphic Communications 2A **and** 2B with C or higher or instructor's permission
This advanced course offers students the chance to create, lead, and present projects that will be shown on both commercial and public media. **This course is limited to 20 students. Sequence:** Capstone course in pathway	

Digital Media Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of 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. **Sequence:** Optional course in pathway.	

Certifications Available

- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Adobe Premiere
- Adobe Aftereffects
- Adobe Animate

Pre-Engineering Pathway

Recommended Course Sequence
- ✓ Required class
- • Recommended class

9th Grade

- ✓ **Engineering Fundamentals: 210030** (2 credits, year-long class)**

⇩

10th Grade

- ✓ Engineering 1A: 210520 (1 credit, semester class **FALL ONLY)**
- ✓ Engineering 1B: 210051 (1 credit, semester class **SPRING ONLY**)

⇩

11th Grade

- ✓ Engineering 2A: 210090 (1 credit*, semester class **FALL ONLY)**
- ✓ Engineering 2B: 210090 (1 credit*, semester class **SPRING ONLY**)

⇩

12th Grade

- ✓ Engineering 3A: (1 credit, semester class **FALL ONLY)**
- ✓ Engineering 3B: (1 credit, semester class **SPRING ONLY**)

optional

- ✓ **Engineering Work-Based Learning: 210480 (1-2 credits, repeatable class)**
  Must have completed the Pre-Engineering Pathway.

* This course will count towards your science graduation credit
** This course will count towards your digital literacy graduation credit

Pre-Engineering Pathway



Classes in engineering and technology focus on architecture, engineering, construction, programming, and information technology. Students will learn skills in planning, managing and creating throughout the pathway in several different aspects of the engineering field.

This program prepares students for various jobs in the engineering field such as architecture, civil engineer, computer aided drafter, construction, gaming, fabrication, and much more.

Engineering Fundamentals **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
Join a class that turns your curiosity into action! Dive into an exciting hands-on experience where students learn to solve problems by creating and testing their own solutions. But that's not all! They will also get to explore 3D modeling, use real lasers, and become experts in 3D printing. This isn't just about learning; it's about making ideas come alive, from thinking to building. There are no limits here—just pure creativity! **Sequence:** 1st course in pathway.	

Engineering 1A **Grade Levels:** 10 - 11	**Course Offering:** Fall **Prerequisites:** Engineering Fundamentals **or** Instructor approval
Engineering 1A is a practical course that lets students dive into the exciting worlds of architecture, engineering, and construction. By the end of the course, students will actually build a structure. They will learn to create detailed drawings, understand basic design ideas, and follow important building rules. Using popular design software, they will work on designing homes and businesses, planning how to lay out spaces, and adopting eco-friendly methods. Through hands-on projects and teamwork, students will tackle real-life problems, learn to work within given limits, and share their ideas clearly. This course is a great starting point for anyone looking to build a career in architecture, civil engineering, or construction management. **Sequence:** 2nd **or** 3rd course in pathway.	

Engineering 1B **Grade Levels:** 10 - 11	**Course Offering:** Spring **Prerequisites:** Engineering Fundamentals **or** Instructor approval
Engineering 1B is a practical course that helps students learn about modern manufacturing techniques and automation. In this course, students get to work with tools and software that help in designing and making parts, such as 3D printers and CNC machines through virtual tools. They also study how robots work and what it means to maintain quality in production, as well as ways to make manufacturing processes more efficient. By working on projects together, students get hands-on experience in designing, creating prototypes, and improving manufacturing processes, which helps them build skills needed for jobs in engineering, manufacturing, and industrial design. .**Sequence:** 2nd **or** 3rd course in pathway.	

Engineering 2A **Grade Levels:** 10 - 11	**Course Offering:** Fall **Prerequisites:** Engineering 1A **and** 1B **or** Instructor approval

Engineering 2A is an enjoyable, hands-on course for everyone, even if you're new to programming. In this class, you'll tackle puzzles, create games, and develop simple apps by taking things one step at a time. You'll learn about how websites are made, how data affects our lives, and how we protect information. With plenty of support and relatable projects, you'll see that computer science is all about being creative, working together, and solving problems. It's a fantastic way to boost your confidence and gain valuable skills for any job—no prior computer experience needed!
Sequence: 3rd **or** 4th course in pathway.
*** This course counts toward graduation requirements for science.**

Engineering 2B **Grade Levels:** 10 - 11	**Course Offering:** Spring **Prerequisites:** Engineering 1A **and** 1B **or** Instructor approval

In Engineering 2B, students will dive into hands-on projects like simple machines, structure designs, and CAD concepts. This course focuses on practical applications of engineering and design principles, emphasizing problem-solving in areas like mechanical and industrial design, as well as virtual 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. **Sequence:** 3rd **or** 4th course in pathway.
***This course counts toward graduation requirements for science.**

Engineering 3A & 3B Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Engineering 2A **and** 2B

Engineering Design is a hands-on, beginner-friendly course that lets you explore how things work and how to solve real-world problems. You'll learn to design and create things like simple machines, structures, and even prototypes using sketches, models, and software. This course encourages creativity and teamwork, so you don't need any engineering experience—just a willingness to try new things. Through fun projects and challenges, you'll gain confidence in bringing your ideas to life, all while building skills that are useful in any career. It's a great way to discover how engineering is about making life better for everyone! **Sequence:** Capstone course in pathway.

Engineering Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of 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. **Sequence:** Optional course in pathway.

Certifications Available

- Python - PCEP
- SolidWorks – CSWA, CSWA – AM
- 3D Printer – SME – AM
- OSHA Ten Hour

Culinary Arts Pathway

Recommended Course Sequence

✓ Required class

• Recommended class

9th Grade

✓ **Foundational Foods: 160530 (1 credit, semester class)**

⇩

10th Grade

✓ **Culinary 1A: 222511 (1 credit, semester class)**

and

✓ **Culinary 1B: 222511 (1 credit, semester class)**

⇩

11th Grade

✓ **One of the following: 160523 (students can take both)**

- **Culinary 2 Savory (1 credit, semester class)**
- **Culinary 2 Baking (1 credit, semester class)**

⇩

12th Grade

optional

✓ **Culinary Work-Based Learning: 160982 (1-2 credits, repeatable class)**
Must have completed the Culinary Pathway.

Culinary Arts Pathway



Culinary Arts helps students prepare for jobs that tackle food security and improve community health by training them for a strong career in food service and cooking.

This program prepares students for various jobs in the culinary arts field such as nutritionist, dietitian, chef, restaurant owner/manager, baker, caterer, and much more.

Foundational Foods **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This course will introduce the basics of cooking and kitchen safety as the starting point for the Culinary Pathway. **Sequence:** 1st course in pathway. ***Students can earn their Idaho Food Handlers Certification.**	

Culinary 1A **Grade Levels:** 10 - 11	**Course Offering:** Fall **Prerequisites:** Teen Living A **and** Food Handler's Certification
This course focuses on nutrition, healthy living, and personal habits. You'll learn about food safety, how to properly prepare food using different techniques like cutting skills, making soups, salads, and sauces. It also explores job opportunities in nutrition and related areas. **Sequence:** 2nd course in pathway. **Note: this course is not available to 9th graders and is required for Culinary 1B.**	

Culinary 1B **Grade Levels:** 10 - 11	**Course Offering:** Spring **Prerequisites:** Culinary 1A
This course focuses on nutrition, health, and daily living habits. It covers important topics like food safety, basic cooking methods for proteins, grains, vegetables, and sauces, as well as how to plan and cook a full meal. **Sequence:** 3rd course in pathway. **Note: this course is not available to 9th graders and is required for Culinary 2 Savory or Baking.**	

Culinary 2 Savory **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Culinary 1B
This course introduces students to professional food preparation and helps students build important skills for a career in the culinary field. They will learn about food safety, cleanliness in the kitchen, using commercial cooking equipment, large-scale food preparation, business management, serving techniques, and skills that make students more employable. The course follows a beginner-level curriculum focused on food safety and sanitation. Culinary 2 Savory, Baking, **or** both can be taken after the foundational courses. **Sequence:** 4th **or** 5th course in pathway.	

Culinary 2 Baking **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Culinary 1B
This course provides a solid start in cooking professionally and prepares you for various job opportunities. It covers essential skills, food safety practices, cleanliness, using commercial kitchen equipment, food preparation techniques, business management, customer service skills, and how to be a good job candidate. The course will follow a basic industry standard for food safety and cleanliness. The Culinary 2 Baking course will introduce you to managing and running a bakery. Culinary 2 Savory, Baking, **or** both can be taken after the foundational courses. **Sequence:** 4th **or** 5th course in pathway.	

Culinary Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of Culinary 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. **Sequence:** Optional course in pathway.	

Certifications Available

- Idaho Food Handler's
- OSHA Ten Hour
- Serve Safe (National Certification)

Medical Assistant Pathway

Recommended Course Sequence

- ✓ Required class
- • Recommended class

This pathway has limited seats per course and often only offered once a year.

9th Grade

- ✓ **Fundamentals of Health Professions: 140010 (1 credit, semester class FALL ONLY)**

and

- ✓ **Medical Terminology: 141540 (1 credit, semester class SPRING ONLY)**

⇩

10th Grade

- ✓ **Human Anatomy and Physiology A and B: 141551 (2 credits, year-long class)**

⇩

11th Grade

- ✓ **Fundamentals of Medical Assisting: 141514 (1 credit, semester class FALL ONLY)**

and

- ✓ **Advanced Medical Assisting Capstone: 141515 (1 credit, semester class SPRING ONLY)**

⇩

12th Grade

- ✓ **Medical Assistant Work-Based Learning: 141980 (2 credits, year-long class)**
  Must have completed the Medical Assistant Pathway

Medical Assistant Pathway



Health profession courses help students learn how to plan, organize, and offer medical services, run diagnostic tests, use health technology, provide support services, and engage in biotechnology research.

This program prepares students for various jobs in the medical field such as medical assistant, phlebotomist, EKG tech, and much more. Students will have the opportunity to participate in HOSA, the student-leadership organization associated with the medical assistant pathway.

Fundamentals of Health Professions **Grade Levels:** 9 - 10	**Course Offering:** Fall **Prerequisites:** None
Students will discover what it takes to be a successful healthcare worker and the important words used in the healthcare industry. They will also learn about different job options available in the healthcare field. **This course is limited to 24 students and only offered one time per year. Plan accordingly. Sequence:** 1st course in pathway. ***Students will earn their CPR/AED Certification as part of the pathway completion.**	

Medical Terminology **Grade Levels:** 9 - 10	**Course Offering:** Spring **Prerequisites:** Fundamentals of Health Professions with C or higher or instructor's permission
By taking this course, students will start to grasp the language used by doctors. The course covers medical terms, including basic parts of words like prefixes, suffixes, and roots. Students will also learn about the basic structure of the body as they explore each system, along with common illnesses and issues related to those systems. **Sequence:** 2nd course in pathway. **This course is limited to 24 students and only offered one time per year. Plan accordingly.**	

Human Anatomy and Physiology A and B **Grade Levels:** 10 - 11	**Course Offering:** Fall and Spring **Prerequisites:** Medical Terminology with C or higher or instructor's permission
This course gives you a chance to explore the human body, how it's organized, and how it works. We'll talk about the main body systems and how diseases can affect them. **This course is limited to 24 students. Sequence:** 3rd course in pathway	

Fundamentals of Medical Assisting **Grade Levels:** 11 - 12	**Course Offering:** Fall **Prerequisites:** Human Anatomy and Physiology A & B with C or higher or instructor's permission
This course will teach students the essential skills needed to be a medical assistant. They'll learn how to use medical equipment and check vital signs. Students will also pick up important office skills, like answering phone calls, recording medical information, and talking with patients. **Sequence:** 4th course in pathway.	

Advanced Medical Assisting Capstone **Grade Levels:** 11 - 12	**Course Offering:** Spring **Prerequisites:** Fundamentals of Medical Assisting with C or higher or instructor's permission
In this course, students will learn important skills needed to be a medical assistant, including how to collect blood and other samples, as well as perform various tasks in the office. They will also gain more advanced clerical skills, like recording medical information, understanding lab results, and communicating with patients. The main role of a medical assistant is to help doctors with everyday medical procedures, and this course will go deeper into those skills than the previous Fundamentals of Medical Assisting class. Additionally, each student will complete 30 hours of hands-on training in a clinical setting. ***At the completion of the Capstone class, each student will have the option to take the national certifying exam for Medical Assistant, Phlebotomy, and EKG Tech.** **Sequence:** Capstone course in pathway	

Medical Assistant Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of Medical Assistant 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. **Sequence:** Optional course in pathway	

Certifications Available

- CPR/AED Certification
- NHA Certified EKG Technician
- NHA Certified Phlebotomy Technician
- NHA Certified Medical Assistant (MA)
- OSHA Ten Hour (HIPPA)

Automotive Technology Pathway

Recommended Course Sequence

- ✓ Required class
- • Recommended class

This pathway has limited seats per course.

9th Grade

- ✓ **Auto 1: 201030 (1 credit, semester class, repeatable class)**

⇩

10th Grade

- ✓ **Auto 2A and 2B: 201031 (2 credits, year-long class)**

⇩

11th Grade

Auto 3A and 3B Capstone: 201032 (2 credits, year-long class)

⇩

12th Grade

optional

- ✓ **Automotive Technology Work-Based Learning: 201482 (2 credits, year-long class)** ***Must have completed the Automotive Technology Pathway***

Automotive Technology Pathway



Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

This program prepares students for various jobs in the transportation industry such as automotive repair, calibration technician, diesel engine specialist, and much more. Students will have the opportunity to participate in SkillsUSA, a student leadership organization in the Automotive Technology Pathway.

Auto 1 **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This course aims to give students a basic understanding of Automotive Technology. Students will look into different jobs in the automotive industry and learn about how cars work. The course includes safety rules that students should practice when performing live tasks. Students are encouraged to attend the Friday sessions for hands-on activities, which will include things like changing oil, replacing tires, and taking apart engines, with a focus on using the right tools and equipment. **Sequence:** 1st course in pathway	

Auto 2A and 2B **Grade Levels:** 10 - 11	**Course Offering:** Fall and Spring **Prerequisites:** Auto 1 with C or higher or instructor's permission
This course is set up to teach students the theory and practical skills they need in five key areas of automotive service: A4 Steering and Suspension, A5 Brakes, A6 Electricity and Electronics, A7 Automotive A/C and Cooling, and A8 Engine Performance. Safety is a priority and is covered in coursework and labs. Students are encouraged to attend the Friday sessions for hands-on activities and to practice with the latest tools and equipment. Students should be comfortable with most basic automotive and light truck repair by the end of this course. **Sequence:** 2nd course in pathway	

Auto 3A and 3B Capstone **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Auto 2 with C or higher or instructor's permission
This course gives students a hands-on experience similar to working in a repair shop. In class, students will spend time in the lab figuring out what's wrong with cars and light trucks and fixing them. They will learn to use the latest tools and equipment to get ready for ASE Student Certifications. The in-person labs will also help students build teamwork and problem-solving skills needed for beginner jobs in the automotive field. Students must attend all of the in-person Friday sessions to complete the hands-on requirement of this pathway and earn the pathway completion. **Sequence:** Capstone course in pathway	

Automotive Technology Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of 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. **Sequence:** Optional course in pathway	

Certifications Available

- ASE (Automotive Service Excellence)
- OSHA Ten Hour

Aviation Flight Pathway

Recommended Course Sequence

- ✓ Required class
- • Recommended class

This pathway has limited seats per course.

9th Grade

- ✓ **Intro to Aviation and Aircraft Technology: 200010 (1 credit, semester class)**

⇩

10th Grade

- ✓ **Aviation 1A and 1B: 201033 (2 credits, year-long class)**

⇩

11th Grade

- ✓ **Aviation 2A and 2B: 201033 (2 credits, year-long class)**

⇩

12th Grade

- ✓ **Aviation 3A and 3B Capstone: 201033 (2 credits, year-long class)**

and

- ✓ **Aviation Work-Based Learning: 201033 (2 credits, year-long class)** ***Must have completed the Aviation Flight Pathway***

Aviation Flight Pathway



Planning, management, and movement of people, materials, and goods by air and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

This cluster prepares students for various jobs in the aviation flight industry such as airline pilot, ground and tower air controller, drone pilot, and much more. This is the pathway to commercial drones and/or private pilot license. It is in the process of being approved by the state as an official CTE Pathway.

Intro to Aviation and Aircraft Technology **Grade Levels:** 9 - 10	**Course Offering:** Fall and Spring **Prerequisites:** None
This course will give you an overview of the aviation, aerospace, and aircraft maintenance fields. You'll learn about job opportunities in aviation, understand important concepts related to flying, and look at common practices in aircraft maintenance. Topics covered include the history of aviation, pilot training, how airplanes are built, engines, basic flight principles, the environment for flying, airport operations, navigation, and drones. **Sequence:** 1st course in pathway.	

Aviation 1A and 1B **Grade Levels:** 10 - 11	**Course Offering:** Fall and Spring **Prerequisites:** Introduction to Aviation and Aircraft Technology
Aviation 1A will introduce students to basic weather concepts that are important for flying aircraft and drones. The focus will be on how to use national weather service reports and forecasts to assess flying conditions. This course will also help prepare students for the weather portion of the FAA Private Pilot Knowledge exam. Aviation 1B will explore fundamental ideas about how airplanes fly, including the shapes of wings and the forces acting on them, airplane performance, stability, control, and the limits on strength, as well as how these factors apply to different flying situations. Students will explore how drones are used in different industries and how to fly them properly. **Sequence:** 2nd course in pathway.	

Aviation 2A and 2B **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Aviation 1A and 1B
Aviation 2 A & B will build on what students learned in previous courses, focusing on the basic skills they need for flying under normal conditions. Student will continue to develop technical skills to use drones for advanced applications. By the end of this course, students who are doing well will be able to use their knowledge and skills in different flight simulations. Additionally, those who finish this course can move on to more advanced training in Advanced Flight, where they will keep preparing for the FAA Private Pilot written exam. **Sequence:** 3rd course in pathway.	

Aviation 3A and 3B Capstone **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Aviation 2A and 2B
In this vital capstone course, students will dive into the fundamentals of flying, understanding rules, navigating weather, and mastering instrument use—crucial skills needed to pass the FAA's instrument knowledge test. This class is crafted to ignite passion and set students on their flight careers. Students in Advanced Flight will receive comprehensive, hands-on training designed to inspire confidence and prepare them to excel on the FAA Private Pilot written exam. Sequence: Capstone course in pathway.	

Aviation Work-Based Learning **Grade Levels:** 12	**Course Offering:** Fall and Spring **Prerequisites:** Completion of Aviation 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. **Sequence:** Optional course in pathway.	

Certifications Available

- OSHA Ten Hour
- FAA Remote Pilot Certificate
- FAA Private Pilot (Written Exam Prep)

Language Arts

Language Arts shall consist of language study, composition, and literature. These courses will be aligned to the Idaho Content Standards for the appropriate grade level. (8 credits)

Communications consisting of oral communication and technological applications that includes a course in speech, a course in debate, or a sequence of instructional activities that meet the Idaho Speech Content Standards. (1 credit)

9th Grade

- **Fundamentals of Writing (1 credit, semester class, repeatable class)**
- **English 9 (2 credits, year-long class)**

⇩

10th Grade

- **English 10 (2 credits, year-long class)**

⇩

11th Grade

- **English 11 (2 credits, year-long class)**
- **Speech or CTE equivalency course (1 credit, semester class)**

⇩

12th Grade

- **English 12 (2 credits, year-long class)**
- **Technical Writing (1 credit, semester class, repeatable class)**

Language Arts Pathway

Language Arts shall consist of language study, composition, and literature. These courses will be aligned to the Idaho Content Standards for the appropriate grade level. (8 credits) Speech is also an addition to this pathway (1 credit).

English 9A and 9B **Grade Levels: 9**	**Course Offering:** Fall and Spring **Prerequisites:** None
English 9A & 9B introduces students to high school-level literary analysis, composition, research, and communication through grade-appropriate fiction and nonfiction texts. Students analyze theme, characterization, plot, setting, point of view, and author's purpose while developing the ability to support interpretations with textual evidence. Writing instruction builds skills in organizing ideas, constructing arguments, explaining information, and composing narrative and research-based work. Grammar, vocabulary, sentence structure, and standard English conventions are taught throughout the course. At the beginning of the semester, students submit fiction and nonfiction selections for teacher approval and complete at least one approved work in each category with a grade-level assignment. At least one of the three required annual writing genres must be completed during English 9A & 9B.	

English 10A and 10B **Grade Levels: 10**	**Course Offering:** Fall and Spring **Prerequisites: English 9A & 9B**
English 10A&10B advances analytical reading, writing, research, and communication through increasingly complex fiction and nonfiction representing diverse periods, cultures, and perspectives. Students examine thematic development, characterization, narrative structure, author's purpose, point of view, figurative language, and rhetorical techniques. Written work emphasizes nuanced interpretations, evaluation of textual evidence, and precision in academic language. At the beginning of the semester, students submit fiction and nonfiction selections for teacher approval against tenth-grade expectations and complete at least one approved work in each category with analytical assignments. At least one of the three required annual writing genres must be completed during English 10A & 10B.	

English 11A and 11B **Grade Levels: 11**	**Course Offering:** Fall and Spring **Prerequisites: English 10A & 10B**
English 11A & 11B advances students' literary analysis, critical reading, academic writing, research, and communication through complex fiction and nonfiction texts aligned with Idaho's grades 11–12 English Language Arts standards. Students evaluate nuanced themes, characterization, narrative structure, rhetorical techniques, and authors' stylistic choices in works representing varied contexts and perspectives. Students construct sophisticated analytical and argumentative responses, examine alternative interpretations, and support their conclusions using carefully selected textual evidence. Instruction develops advanced vocabulary, sentence structure, source evaluation, synthesis, and academic communication. At the beginning of the semester, students submit fiction and nonfiction selections for teacher approval and complete at least one approved work in each category with associated grade-level assignments. Students complete at least one of the three required annual writing genres during English 11A & 11B.	

Speech **Grade Levels: 9-12**	**Course Offering:** Fall and Spring **Prerequisites: None**
Speech / Communications develops students' ability to research, compose, present and critically evaluate formal academic oral presentations. Students investigate audience and purpose, rhetorical strategies, credible research, ethical citation, argumentation, and verbal and nonverbal delivery. Through substantial research-based informative and persuasive speeches and comparative analysis, students organize claims, evaluate evidence, address competing viewpoints, and communicate findings in coherent presentations. Students also analyze academic speeches, prepare formal outlines, assess their own delivery, and respond to instructor feedback.	

***Students can earn one communication credit by taking Business Communications through the business pathway.**

Mathematics

Secondary mathematics includes Integrated Mathematics, Applied Mathematics, Business Mathematics, Algebra, Geometry, Trigonometry, Fundamentals of Calculus, Probability and Statistics, Discrete Mathematics, and courses in mathematical problem solving and quantitative reasoning including mathematics taken through career technical education programs. (6 credits)

9th Grade

- **Integrated Math 1 or Algebra 1 (2 credits, year-long class)**



10th Grade

- **Integrated Math 2 or Geometry (2 credits, year-long class)**



11th Grade

- **Student Choice (1 credit, semester class)**



12th Grade

- **Student Choice (1 credit, semester class)**

Mathematics Pathway

Secondary mathematics includes Integrated Mathematics, Applied Mathematics, Business Mathematics, Algebra, Geometry, Trigonometry, Fundamentals of Calculus, Probability and Statistics, Discrete Mathematics, and courses in mathematical problem solving and quantitative reasoning including mathematics taken through career technical education programs. (6 credits)

Algebra 1A **Grade Levels: 9-10**	**Course Offering:** Fall and Spring **Prerequisites: Pre-Algebra**
Algebra 1A introduces foundational algebraic concepts and the use of expressions, equations, and functions to represent quantitative relationships. Students simplify and evaluate algebraic expressions, apply properties of real numbers, solve linear equations and inequalities, and interpret relationships using tables, graphs, and equations. Primary areas of study: Properties of real numbers and algebraic expressions; linear equations and inequalities; coordinate systems and graphing; linear functions and rates of change; mathematical modeling. Learning outcomes: Solve linear equations and inequalities, analyze linear functions, and explain quantitative relationships using multiple representations.	

Algebra 1B **Grade Levels: 9-10**	**Course Offering:** Fall and Spring **Prerequisites: Algebra 1A**
Algebra 1B extends foundational algebra through systems of equations, polynomials, quadratic and exponential relationships, and introductory statistics. Students investigate nonlinear patterns and apply algebraic methods to increasingly complex problems. Primary areas of study: Systems of linear equations and inequalities; polynomial expressions and operations; quadratic equations and functions; exponential relationships and sequences; introductory statistics. Learning outcomes: Solve systems of equations, perform polynomial operations, analyze quadratic and exponential functions, and interpret data.	

Geometry A **Grade Levels: 9-11**	**Course Offering:** Fall and Spring **Prerequisites: Algebra 1B**
Geometry A introduces principles of geometric reasoning and relationships among points, lines, angles, and figures. Students examine transformations, congruence, properties of two-dimensional shapes, and coordinate methods while explaining their conclusions with mathematical reasoning. Primary areas of study: Geometric reasoning; points, lines, and angles; transformations and congruence; properties of triangles and polygons; coordinate geometry.. Learning outcomes: Analyze geometric figures, apply transformations and congruence, use coordinate geometry, and justify geometric conclusions.	

Geometry B **Grade Levels: 9-11**	**Course Offering:** Fall and Spring **Prerequisites: Geometry A**
Geometry B extends geometric reasoning through similarity, proportional relationships, right-triangle trigonometry, circles, and geometric measurement. Students solve problems involving area, surface area, volume, and geometric applications. Primary areas of study: Similarity and proportional reasoning; right-triangle trigonometry; circles; area and surface area; volume and solid geometry; applied geometric problem-solving.. Learning outcomes: Apply similarity and trigonometric relationships and solve multistep geometric measurement problems.	

Algebra 2A **Grade Levels: 10-12**	**Course Offering:** Fall and Spring **Prerequisites: Algebra 1A & 1B & Geometry B**
Algebra 2A develops advanced algebraic reasoning through equations, inequalities, function analysis, and polynomial relationships. Students deepen their understanding of quadratic and polynomial functions, solve systems of equations, and analyze mathematical models. Primary areas of study: Advanced expressions and operations; equations, inequalities, and systems; quadratic functions; polynomial operations and functions; function transformations; mathematical modeling. Learning outcomes: Manipulate advanced algebraic expressions, solve complex equations, and analyze polynomial functions algebraically and graphically.	

Algebra 2B **Grade Levels: 10-12**	**Course Offering:** Fall and Spring **Prerequisites: Algebra 2A**
Algebra 2B extends advanced algebra through rational and radical expressions, exponential and logarithmic relationships, trigonometry, and statistical analysis. Students compare function families and apply mathematical models to multistep quantitative problems. Primary areas of study: Rational expressions and functions; radical equations; exponential and logarithmic functions; trigonometric relationships; advanced function analysis; statistics and modeling. Learning outcomes: Analyze advanced function families, solve rational and radical equations, and apply exponential, logarithmic, and trigonometric reasoning.	

Integrate Math IA **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Pre-Algebra or Math 8**
Integrated Math 1A introduces connected concepts from algebra, functions, geometry, and modeling. Students investigate algebraic expressions, equations, inequalities, linear relationships, and introductory function concepts through numerical, graphical, and geometric representations. Primary areas of study: Algebraic expressions; linear equations and inequalities; introductory functions; graphing and coordinate systems; algebraic and geometric problem-solving.. Learning outcomes: Solve foundational equations, interpret linear relationships, and represent mathematical ideas in multiple ways.	

Integrate Math IA **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Pre-Algebra or Math 8**
Integrated Math 1A introduces connected concepts from algebra, functions, geometry, and modeling. Students investigate algebraic expressions, equations, inequalities, linear relationships, and introductory function concepts through numerical, graphical, and geometric representations. Primary areas of study: Algebraic expressions; linear equations and inequalities; introductory functions; graphing and coordinate systems; algebraic and geometric problem-solving. Learning outcomes: Solve foundational equations, interpret linear relationships, and represent mathematical ideas in multiple ways.	

Integrate Math IB **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Integrated Math 1A**
Integrated Math 1B integrates algebra, functions, geometry, and statistics. Students study systems of equations, sequences, exponential relationships, transformations, congruence, coordinate geometry, and data analysis. Primary areas of study: Systems of linear equations; functions and sequences; exponential relationships; transformations and congruence; coordinate geometry; statistics. Learning outcomes: Model exponential relationships, analyze systems of equations, apply geometric transformations, and interpret statistical information.	

Integrate Math IIB **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Integrated Math 1IA**
Integrated Math 2B integrates geometry, trigonometry, algebraic modeling, and probability. Students examine similarity, right-triangle relationships, geometric measurement, circles, conic sections, and probability. Primary areas of study: Similarity and proportional reasoning; right-triangle trigonometry; measurement and volume; circles and conic sections; probability; modeling. Learning outcomes: Apply trigonometry and similarity, solve geometric measurement problems, and interpret probability and geometric models.	

Integrate Math IIIA **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Integrated Math 1IB**
Integrated Math 3A develops advanced algebraic and functional reasoning through polynomial operations, rational expressions, transformations, equations, and modeling. Students analyze function behavior across symbolic, graphical, and numerical representations. Primary areas of study: Polynomial operations and functions; rational functions and equations; function transformations; advanced algebraic equations; mathematical modeling. Learning outcomes: Analyze polynomial and rational functions, manipulate advanced expressions, and model complex quantitative relationships.	

Integrate Math IIIB **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Integrated Math 1IIA**
Integrated Math 3B extends advanced integrated mathematics through logarithmic relationships, trigonometry, statistical study design, data analysis, probability distributions, and modeling. Students interpret quantitative evidence and solve advanced problems. Primary areas of study: Logarithmic relationships; trigonometry; advanced function analysis; statistical study design; data analysis; probability distributions; modeling. Learning outcomes: Analyze logarithmic and trigonometric relationships, evaluate statistical information, and interpret probability distributions.	

***Students can earn a math credit for taking the personal finance course through the business pathway.**

Science

Instruction in the following: earth and space sciences, physical science, life sciences, computer science, biology, chemistry, environment, or approved applied sciences. Students must take 2 credits of lab-based science classes and the other 4 credits of science can be any of the approved science courses for the school.
(6 credits)

9th Grade

- **Lab-based science or student choice (1 credit, semester class)**



10th Grade

- **Lab-based science or student choice (2 credit, year-long class)**



11th Grade

- **Lab-based science or student choice (2 credit, year-long class)**



12th Grade

- **Lab-based science or student choice (1 credit, semester class)**

***Students can earn 2 science credits for taking Anatomy & Physiology A & B through the MA pathway or Engineering 2A & 2B through the Engineering pathway, or Animal Science (both semesters) through the Ag/Animal Science pathway.**

Science Pathway

Instruction in the following: earth and space sciences, physical science, life sciences, computer science, biology, chemistry, environment, or approved applied sciences. Students must take 2 credits of lab-based science classes and the other 4 credits of science can be any of the approved science courses for the school.
(6 credits)

Physical Science A **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Physical Science A is the first semester of a flexible, two-part study of introductory chemistry and physics. Depending on the approved curriculum sequence, students may study scientific inquiry, matter, atomic and molecular structure, chemical reactions, motion, forces, energy, electricity, magnetism, waves, or related physical science topics. Teachers configure the student's Schoology pathway, assign required supplements, and document the concepts addressed during the semester. Work in A establishes progress toward the full year's required content.	

Physical Science B **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Physical Science A**
Physical Science B is the second semester of the flexible Physical Science sequence. Students continue their approved pathway and complete any remaining required chemistry and physics topics, which may include matter and reactions, forces and motion, energy, electricity and magnetism, or waves. Through laboratory work, scientific explanations, data analysis, and teacher-assessed assignments, students demonstrate coverage of the complete yearlong Idaho physical science expectations. Specific topics assigned to B depend on those completed in A.	

Earth Science A **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Earth Science A is the first semester of PR2TA's yearlong Earth and Space Science sequence. Students begin a standards-aligned program of scientific inquiry, evidence evaluation, Earth systems analysis, and investigation. Depending on their approved curriculum, topics may include astronomy and Earth history, plate tectonics, geologic processes, atmospheric and climate systems, resources, hazards, or human impacts. Teachers document content completed in A and plan remaining standards coverage for B.	

Earth Science B **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Earth Science A**
Earth Science B continues the approved Earth and Space Science sequence and completes all required content not previously covered in Earth Science A. Based on the student's curriculum, instruction may address any combination of astronomy, geologic history, Earth processes, interconnected Earth systems, climate, natural resources, hazards, and human effects. Students integrate scientific investigation and data interpretation to demonstrate the full range of Idaho high-school Earth and Space Science expectations by the end of the year.	

Biology A **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Biology A develops foundational understanding of living systems through scientific inquiry and cellular and molecular biology. Students investigate scientific questions, organize and interpret data, and use evidence to explain how the structures and functions of cells support life. Principal topics include biological molecules, cell organization and specialized structures, photosynthesis, cellular respiration, matter and energy transformation, cellular division, and the roles of DNA in biological processes. Laboratory investigations and teacher-assessed assignments develop competence in observation, analysis, scientific modeling, and evidence-based conclusions.	

Biology B **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Biology A**
Biology B extends the study of living systems through heredity, biological evolution, and ecology. Students analyze how genetic information is transmitted and how variation arises, examine evidence of common ancestry and natural selection, and investigate interactions among organisms and their environments. Principal topics include chromosomes, meiosis, inheritance, mutation, genetic variation, adaptation, ecosystem interactions, population dynamics, food webs, energy flow, matter cycling, and biodiversity. Students use laboratory investigations, models, data analysis, and evidence-based explanations to interpret biological processes and ecological change.	

Chemistry A **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Chemistry A develops foundational and intermediate understanding of matter and its transformations through a school-approved sequence of chemistry topics. Students investigate atomic and molecular models, periodic relationships, chemical properties, reactions, energy, and laboratory evidence as assigned within their curriculum. Instruction emphasizes scientific explanation, mathematical analysis, safe investigative practices, and interpretation of experimental data. Because the course follows flexible yearlong sequencing, particular chemistry standards may be addressed in Chemistry A or Chemistry B; assigned work in A contributes toward completion of the full Idaho high-school chemistry standards set.	

Chemistry B **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Chemistry B continues the yearlong study of chemical structure, properties, reactions, energy, and scientific investigations. Students extend and integrate chemical models, experimental reasoning, evidence-based explanations, and quantitative analysis through the remaining required curriculum. Depending on the approved pathway, Chemistry B may address topics first encountered by other students in Chemistry A; it is not limited to a fixed set of units. By the end of Chemistry B, students must have completed and demonstrated the required Idaho High School Physical Science–Chemistry standards across the combined A/B sequence.	

Social Studies

Social Studies is the study of the social sciences. Key components include history, geography, economics and financial literacy, civics and government. Social Studies emphasizes the important ideas, events, and people that affect students' lives and serve as a foundation for their role as citizens. As students learn, they develop the critical skills necessary to fully participate on our society, including the ability to acquire relevant and reliable information, develop sound arguments and collaborate with their peers.

Courses such as geography, sociology, psychology, and world history may be offered as electives, but are not to be counted as a social studies requirement. (5 credits)

9th Grade



10th Grade

- **United States History (2 credit, year-long class)**



11th Grade

- **Government (2 credit, year-long class)**



12th Grade

- **Financial Literacy (1 credit, semester class)**
- **Economics (1 credit, semester class)**

***Students can earn one social studies credit for taking Economics through the business pathway.**

Social Studies

Social Studies is the study of the social sciences. Key components include history, geography, economics and financial literacy, civics and government. Social Studies emphasizes the important ideas, events, and people that affect students' lives and serve as a foundation for their role as citizens. As students learn, they develop the critical skills necessary to fully participate on our society, including the ability to acquire relevant and reliable information, develop sound arguments and collaborate with their peers. (5-6 credits)

U.S. History A **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
U.S. History A introduces and develops the study of American history through historical inquiry and analysis of primary and secondary sources. Students examine significant events, ideas, institutions, and social and economic developments within the school's approved U.S. History curriculum sequence. Particular attention is given to historical causation, continuity and change, perspective, and the evaluation of evidence. The specific historical units assigned during this semester may vary by teacher-approved learning pathway; the school tracks coverage toward completion of the full yearlong Idaho U.S. History I and II standards.	

U.S. History B **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: U.S. History A**
U.S. History B continues the chronological and thematic study of the United States through its remaining required units and historical-thinking objectives. Students examine historical change, conflicting perspectives, civic and governmental developments, reform movements, international relationships, and the influence of historical events on modern America. Instruction builds students' ability to compare sources, evaluate claims, and communicate supported conclusions. By the end of this semester, students must complete the full yearlong content expectations associated with Idaho's U.S. History I and II standards, regardless of the order in which topics were taught.	

Government A **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Government A introduces college-preparatory study of American government and civic institutions through constitutional concepts, political systems, and civic inquiry. Students analyze selected units from the yearlong government program through primary and secondary sources, evaluate evidence and differing viewpoints, and explain relationships among governmental institutions and citizen participation. The specific units completed in A are established by the teacher's approved pathway and documented in Schoology.	

Government B **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: Government A**
Government B advances students' study of American government through additional units from the yearlong program and completes remaining required topics and applicable Idaho standards. Students evaluate institutions, constitutional questions, political participation, policies, and the effects of governmental decisions through critical analysis of sources, comparisons of perspectives, and academic argumentation. The exact topics vary according to the documented instructional sequence, without repeating A for credit.	

Personal Finance **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
Personal Finance is a one-semester online course that equips students to make informed decisions about earning, saving, banking, budgeting, borrowing, investing, insurance, taxes, education financing, consumer protection, and planning for independent living. Students use Schoology assignments, financial case studies, research, projects, and practical applications to demonstrate the nine Idaho financial-literacy competency areas. Instruction draws upon Next Gen Personal Finance, NEFE, WISE Money Management, and the Council for Economic Education.	

Economics **Grade Levels: Mixed**	**Course Offering:** Fall and Spring **Prerequisites: None**
TBD – Not Yet offered	

Humanities, Health, & Additional Graduation Requirements

Arts and Humanities curriculum covers the fields of media art, visual art, theatre, dance, music, world languages, and interdisciplinary humanities. Media art, which includes digital media, photography, and computer-generated artwork, is a recent addition to the arts disciplines. The arts should not be confined to study of only one artistic discipline, but rather as a means to help students achieve mastery in a well-rounded education. The arts provide vibrant content with significant 21st Century skills to promote progress in all academic areas of study. (2 credits)

Art



Classes in the art elective cluster include a study of design principals and visual elements. Courses explore different techniques for creating paintings, drawings, printmaking, and sculpture. Some prerequisites are required to continue on to the intermediate and advanced courses and may require instructor approval.

	Art 1 **Grade Levels:** 9 - 12	**Course Offering:** Fall and Spring **Prerequisites:** None
This beginner course will cover the 7 elements of art and 12 principles of design through hands-on projects using different art materials. We'll also include discussions about art history in our lessons over the semester. **Sequence:** 1st course in cluster.		

	Art 2 **Grade Levels:** 10 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Art 1
This intermediate course will focus on drawing skills and color theory, and dive deeper into elements, principals, and composition. Art history will also play into coursework at this next level. **Sequence:** 2nd course in cluster.		

	Art 3 **Grade Levels:** 10 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Art 2
In this intermediate course, students will focus on painting with watercolor, acrylics, and other mediums while building upon elements, principals, and composition. Art history will be part of this course curriculum. **Sequence:** 3rd course in cluster.		

	Art 4 **Grade Levels:** 11 - 12	**Course Offering:** Fall and Spring **Prerequisites:** Art 3
This advanced level, students will focus on projects that utilize skills and knowledge from Art 1-3 courses. Students will learn how to critique art students will build a portfolio and continue their study of art history. **Sequence:** Final course in cluster.		

	Keyboarding **Grade Levels:** 9 - 12	**Course Offering:** Fall and Spring **Prerequisites:** none
This course is designed to teach students the essential skill of touch-typing using modern tools and interactive lessons. By leveraging the Typesy platform, students will progressively build their typing speed, accuracy, and fluency through guided practice, structured drills, and engaging activities. Emphasis is placed on ergonomics, efficient typing techniques, and practical applications such as professional communication and document creation.		

	Freshman Wheel **Grade Levels:** 9	**Course Offering:** Fall and Spring **Prerequisites:** none
A is an introductory career exploration course where students explore personal interests, personality, learning styles, and career goals while learning about a variety of career fields and pathways. Through projects, assessments, virtual job shadows, and research activities, students develop greater self-awareness and begin planning for future education, training, and career opportunities. The course also builds important life and success skills, including goal setting, decision-making, and budgeting. **B** is an introductory career exploration course that helps students examine education pathways, personal strengths, workplace skills, and future career opportunities. Students explore topics such as career and technical education, types of education, personality strengths, work ethic, ethical decision-making, professional skills, and the cost of college. Through assessments, reflections, and projects, students connect their interests, academics, and experiences to possible career paths. The course culminates in a Career Tree project that encourages students to map their goals and begin planning for future education, training, and career success.		

The goal of Health Education is to help students adopt and maintain healthy behaviors. Health Education contributes directly to a student's ability to successfully practice behaviors that protect and promote health while avoiding or reducing health risks. Course must be aligned to Idaho Content Standards and a student should receive a minimum of one (1) class period on psychomotor cardiopulmonary resuscitation (CPR) training as outlined in the American Heart Association (AHA) Guidelines for CPR to include the proper utilization of an automatic external defibrillator (AED) as part of the Health/Wellness course. (1 credit)

The senior project is a culminating project to show a student's ability to analyze, synthesize, and evaluate information and communicate that knowledge and understanding. A student must complete a senior project by the end of grade twelve (12). Senior projects may be individual projects or approved pre-internship or school to work internship programs, at the discretion of the school district or charter school. The project must include elements of research, development of a thesis using experiential learning or integrated project based learning experiences and presentation of the project outcome. Completion of a postsecondary certificate or degree at the time of high school graduation or an approved pre-internship or internship program may be used to meet this requirement.

All secondary students must demonstrate that they have met the state civics and government standard by the successfully completing the civics test or alternate path. Successful completion of this requirement must be reflected on the student's transcript.

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