



## High School Diplomas

### REQUIRED COURSES FOR GRADUATION

#### **ENGLISH**

English 9	1.0
English 10	1.0
English 11	1.0
English Elective	1.0

#### **MATH**

Math Core	2.0
Math Elective	1.0

#### **SCIENCE**

Science Core	2.0
Science Elective	1.0

#### **SOCIAL STUDIES**

World Geography	0.5
World History	0.5
US History	1.0
Gov & Cit	0.5
Soc Stud Elective	0.5

#### **ADDITIONAL CREDITS**

CTE	1.0
Digital Studies	0.5
Financial Literacy	0.5

#### **FINE ARTS**

Fine Arts	1.5
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#### **PE & HEALTH**

PE- Skills	0.5
PE- Fitness	0.5
PE- Activities	0.5
Health	0.5

#### **Electives**

	5.5
Total Credits	24.

## TESTING

The State of Utah requires students take the Utah State Civics Test for graduation.

The website for the test is <http://civicseducationinitiative.org/take-the-test/>

There is an alternative version for students who have an active IEP.

Students must also take a Financial Literacy exam. A passing score has not been established so students must just take the exam.

## ACT TESTING

The ACT test is an education and career planning tool for high school students that assesses the mastery of college readiness. The ACT is an entrance exam used by colleges and universities to make admissions decisions. It is a multiple-choice, pencil-and-paper test administered by ACT. All students are tested in March of their Junior year.

# COURSES THAT SATISFY GRADUATION REQUIREMENTS

\*Prerequisite or Teacher approval required

## ENGLISH

### 3.00 CREDITS REQUIRED

English 9  
English 10  
English 11

## ADVANCED LANGUAGE ARTS

### 1.00 CREDIT REQUIRED

English 12. .50 Creative Writing  
.50 Film & Literature .50 Popular Literature  
.50 Fantasy & Science Fiction

## MATHEMATICS

### 3.00 CREDITS REQUIRED

#### 2 MATH CORE, 1 ADV MATH

Sec Math 1	Math Essentials 1
Sec Math 2	Math Essentials 2
Sec Math 3	Math Essentials 3
Precalculus	

## SCIENCE CORE/APPLIED SCIENCE

### 3.00 CREDITS REQUIRED

#### 2 Credits from different areas + 1 other science

Earth Systems  
Biology

#### 1.0 Elective Science

Chemistry	Geology & Oceanography
Anatomy/Physiology	Astronomy

## SOCIAL STUDIES

### 3.00 CREDITS REQUIRED

Required	Electives
.50 Geography	.50 History of War
.50 World Civ	.50 Current Issues
50 US Government	
1.0 US History	

## FINE ART

### 1.50 CREDITS REQUIRED

Art Foundations II	Theatre
Drawing I	Music Appreciation
3D & Cultural Art	Choir
Studio Art*	Beg Piano
Jewelry	Art History
Guitar	

## CAREER TECH ED (CTE)

### 1.00 CREDIT REQUIRED

Foods I	Video Production I & II
Culinary Arts I & II	Computer Prog I & II
Entrepreneurship	Digital Media I & II
Digital Audio I & II	Marketing
Exploring Comp Sci	Woods I
MTEC courses	

## FINANCIAL LITERACY

### .50 CREDITS REQUIRED

Financial Literacy

## PHYSICAL EDUCATION & HEALTH

### 2.0 CREDITS REQUIRED

.50 PE Fitness	.50 Health
.50 PE Skills	.50 PE Activity

Basketball Team & Spirit Squad are worth .50 credits for 1 season of participation. This will not replace PE Fitness.

## DIGITAL STUDIES

### .50 CREDITS REQUIRED

Computer Programming I & II      Intro to Comp Sci

## WORLD LANGUAGES

### NO GRADUATION REQUIREMENT

### 2 YEARS RECOMMENDED FOR COLLEGE ADMISSION

Spanish I & 2      ASL 1 & 2

## ELECTIVE

### 5.50 CREDITS REQUIRED

Study Hall	Student
Government*	
Mythology	Psychology
Yearbook	

**No Credit is granted for Seminary or  
Approved Release**

## Required Coursework by Grade

Graduation Requirements	9TH	10th	11th	12th
English/Lang Arts (4)	English 9	English 10	English 11	English 12 or English Elective
Mathematics (3)	Math 1	Math 2	Math 3	4th Math Choice
Science (3)	Earth Systems	Biology	Science Elective	Optional Science
Social Studies (3)	Geography (.5) World Civ (.5)		US History	US Gov (.5)
PE / Health (2)	PE Skills (.5) PE Activity (.5)	Health (.5) PE Fitness (.5)		
Financial Lit (.5)			Financial Lit (.5)	
Fine Arts (1.5)	Art Found II (.5)			
Digital Lit (.5)		Choice (.5)		
CTE (1.0)				
Transition Planning	Transitions I (.5)	Transitions II (.5)	Transitions III (.5)	
Elective Choices	2	3	3	4

## EARLY GRADUATION

Students may graduate at the conclusion of the 11<sup>th</sup> grade or at the end of 1st Semester of 12th Grade if they have completed the 24 credit requirements for graduation from Spectrum Academy. Students need approval from Parent/Guardian and Spectrum Academy PG Administration. They will need to pass the State Civics Test and Financial Literacy Assessment. Students graduating mid Senior year will not receive their actual diploma until Their class graduates at the end of the school year.

## Admissions Requirements for Utah Colleges/Universities

- 4.0 Units English (English 9, English 10, English 11, Language Arts)
- 3.0 Units Math, Students are strongly encouraged to take 4 years
- 3.0 Units Science Core (Earth Systems & Biology + 1 Additional Science)
- 2.0 Units Foreign Language (Not required but recommended) \*
- 1.0 Unit US History
- 4.0 Additional courses

\*Required only by the University of Utah for admission, but recommended by all other Utah colleges/universities.

# Credit Recovery/Make up

[Spectrum Academy Recovery Packets](#) - Spectrum Academy provides packets for make up credit. These packets are only for failed courses, and cannot be taken to accelerate graduation. Packets are required to be completed in a Study Hall class or Summer School and require a fee. Each packet will make up .25 credits.

[Online Recovery options](#) - Utah allows classes to be taken through several online providers. These providers can be accessed through SEATS Utah: <https://seats.schools.utah.gov/>

## Retaking Classes

**Retaking previously failed classes will not replace the previous grade received. All classes and the sequence in which they were taken are reflected on the permanent transcripts. The student's transcript is a legal document, which reflects the student's educational experience.**

### Spectrum Academy High School Class Change Policy

#### At the beginning of each Semester:

**Week One:** Students/parents may request changes by emailing the counselor. All changes must be completed prior to the end of the first 5 school days of the school year.

**Week Two:** Schedule changes may be made only after a student obtains an online class change form. *This form should be obtained from the front office.* Payment of a \$5 fee will be required and the changes must be completed prior to the end of the first 10 day of the school year.

**Week Three Until Midterm:** Only changes involving an equivalent course (i.e. changing from honors to regular English) or involving a graduation requirement, will be allowed. Changes involving core to elective or elective to elective will not be allowed. Students should see the counselor if they have questions. The **Principal** will need to approve any change.

**After Midterm:** No changes will be permitted.

#### At the Beginning of Terms 2 and 4

**Week One:** Changes will be made under special circumstances only. Students should see the counselor if they believe theirs is a special circumstance. The **Principal** will need to approve the change.

**Week Two Until the End of the Term:** No changes of any type permitted.

# COURSE DESCRIPTIONS

Course	Credit	Grade	\$
<b>CTE (CAREER &amp; TECHNICAL EDUCATION)</b>			
<b>ENTREPRENEURSHIP I</b> This is a one semester working class that teaches the principles of marketing, sales, and product development while operating a variety of small businesses within the school. Businesses that this class supports are Pantera Café', Trophy Guys awards, Panther Prints, Oil Can Crew maintenance, Uproar Entertainment, and future endeavors like the Studio P multimedia production company currently in development, and a future Smoothie Shop. By implementing business strategies and techniques into real work environments each student will get to see the immediate results of their decisions and efforts.	.5	9-12	
<b>GAME DEVELOPMENT FUNDAMENTALS 1</b> One semester course that focuses on game development concepts including game design, scripting, creating digital assets, and problem solving. To start the course we will use a beginning game development program which helps guide the students to creating their own video game. As the course progresses we will move on to a more advanced program called Unity, which is used by many of the major video game developers today. <b>Prerequisite: Comp Prog I</b>	.5	10-12	
<b>Video Production I</b> Presents professional video production techniques used in documentaries and corporate video. Covers production processes such as working with corporations, scripting, camera techniques, basic lighting techniques, production management and basic non-linear editing techniques. Requires participation in a high-quality semester project that will take a corporate or documentary project through the entire pre-production, production and postproduction process.	.5	10-12	\$20
<b>FOODS &amp; NUTRITION 1</b> This Introductory class is for students wanting to go into culinary arts or just learn the fundamentals of cooking, food safety, using kitchen tools, and healthy food choices. Any student can take this as an elective, there is no previous class required. A fee of \$30 is required that will be used to obtain a food handlers permit. <b>This class is a prerequisite for Culinary Arts I.</b>	.5	9-12	\$35
<b>CULINARY ARTS 1</b> This is a full year class designed for students who are more serious about a career in the culinary world. This is a higher level class that teaches students all about working in the food service industry and about advanced techniques in food preparation. This class has a \$50 fee for safety equipment and a food handlers card. <b>Prerequisite: Foods &amp; Nutrition I</b>	.5	10-12	\$50
<b>CULINARY ARTS 2</b> This is an advanced class that requires a teacher's endorsement to join. Advanced technology, tools, and techniques for food preparation and presentation are fully explored. The \$100 fee is for a chef's shirt and tools for the students to keep. <b>Prerequisite: Culinary I</b>	1.0	11-12	\$100
<b>BAKING &amp; PASTRIES</b>	.5	11-12	\$50

This class specializes in the science of baking and the art of pastries. This is also an advanced class that requires a teachers endorsement to enter. A \$50 fee is required to allow students to start acquiring tools that they will need in the future.			
<b>DIGITAL PHOTOGRAPHY</b> In this class, students will learn the basics of digital photography. Students will be introduced to basic photography concepts such as image capture, image editing, image manipulation, and composition. In this course, students will be introduced to Adobe programs for image editing and manipulation. Students will also be introduced to more advanced concepts and techniques used with more professional equipment. These skills will lay the foundation for further more complex photography concepts as they continue their studies in the field.	.5	9-12	
<b>INTRO TO DIGITAL ART AND DESIGN.</b> This 1 Semester Course would cover the basics of creating digital art and design principles that are present in digital media. Students Will learn to create icons, illustrations, and how to set up photographs, magazine spreads, creative ads, and visual web pages.	.5	9-12	\$15
<b>Woods</b> This introductory class is designed for students interested in the basics of woodwork and use of finish carpentry tools of the trade. Because of the inherent dangers of power tools it is advised that students younger than 11th grade be enrolled only in special cases. The \$100 fee is required to purchase materials for student projects that they will keep upon completion.	.5	9-12	\$75
<b>DIGITAL LITERACY</b>			
<b>COMPUTER PROGRAMMING 1</b> One semester course that introduces students to the world of Computer Programming, and what it takes to write effective code. This course starts at the very basics, using a program called Codehs, which allows students to write code in a simulated environment. These basic foundations prepare students to advance into code writing using the Javascript programming language as the course progresses. Students will learn to write codes such as Functions, For Loops, If/Else Statements and While Loops. <b>This class fills the requirement for Digital Literacy.</b>	1.0	9-12	
<b>COMPUTER PROGRAMMING 2</b> This one semester course builds off of the content learned in Computer Programming 1, and goes into further depth of writing code using the Javascript language. Students will learn to write more complex code, while also maintaining efficiency in their code writing by using the new concepts that are taught. <b>Prerequisite: Comp Prog I</b>	.5	10-12	
<b>EXPLORING COMPUTER SCIENCE 1</b> One semester introductory course into the world of computers and their roles in our lives today. Instead of focusing on a specific topic in Computer Science, this course explores the wide breadth of the subject, covering many different topics. Students will learn the basics of the history of computers, hardware components to our modern computers, software used in our computers today and how computers can impact our lives both positively and negatively. <b>This class fills the requirement for Digital Literacy.</b>	.5	9-12	\$15
<b>WEB DESIGN I</b>	.5	9-12	

This course is a project-based course designed to give students an introduction to the design, creation, and maintenance of web pages and web sites. Students will learn how to critically evaluate website quality, they will learn about web standards, and they will learn how to create and maintain quality web pages.			
<b>WEB DESIGN II</b> This course is a project-based advanced course designed to give students an introduction to the design, creation, and maintenance of web pages and web sites. Students will learn how to critically evaluate website quality, they will learn about web standards, and they will learn how to create and maintain quality web pages.	.5	9-12	
<b>English</b>			
<b>ENGLISH 9</b> Dedicated to creating effective and adaptable readers and writers, this class provides training in the foundations of English skills and strategies. This course expands on and applies traditional concepts to modern, 21st-century demands. Offering practical lessons such as visualizing, making inferences and predictions and recognizing organizational patterns in texts, this course delivers hands-on training in applying the writing process, evaluating essays, and using MLA style and documentation. Grammar lessons will strengthen students' grasp of language and improve writing skills.	1.0	9	
<b>ENGLISH 10</b> This course will include a study of multiple genres and texts. The focus will be on American Literature, but other genres will be included. The focus on American Literature will help students determine what makes us uniquely American. Including various other genres will help broaden students' exposure to literature types and experiences. Through the study of functional, informational, and literary texts, students will begin the process of literary analysis. Extensive grammar and usage study will serve as a foundation for writing instruction as students begin refining their writing techniques by focusing on sentence structure, paragraph development, and organization.	1.0	10	
<b>ENGLISH 11</b> This course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. English 11 specifically targets informative writing using evidence-based research and writing strategies. It also focuses on American literature--Poe, Hawthorne, Miller, Fitzgerald, and Hurston--with the intent to answer the essential question: How does American literature help us to better understand what it means to be Americans?	1.0	11	
<b>ENGLISH 12</b> This course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and to become skilled writers who can compose for a variety of purposes. For this reason, the class may be of interest to those wishing to attend college. English 12 specifically targets informative writing using evidence-based research and writing strategies. It also focuses on British literature--Shakespeare, Shelley, Dickens--with the intent to answer the essential question: How does British literature help us to better understand the historical perspectives of other English speakers?	1.0	12	
<b>POPULAR LITERATURE</b> This English elective is intended to replace one semester of English 12. Because of this, it is taught at the same level and the same rigor as English	.5	10-12	

12. The skills and objectives that make up the course are aligned with the UCSS standards for English 11-12. Students will be challenged to examine age-old forms of storytelling, such as fairy tales, fables, and folklore, as well as the works and genres that have grown from them. They will also assess how stereotypes, archetypes, and universal tropes, motifs, and themes have influenced and changed how stories are told. One familiar trend is the Disneyfication of stories that are adapted to be more accessible to a wider audience. Works of study may include Rapunzel, Cinderella, Beauty & the Beast, Into the Woods, and The Princess Bride.			
<b>FANTASY &amp; SCIENCE FICTION</b> This English elective is intended to replace one semester of the English 12 course. Because of this, it is taught at the same level and with the same rigor as English 12. The skills and objectives that make up the course are aligned with the UCSS standards for English 11-12. As such, students will be challenged to quest for knowledge and to explore new worlds and ideas through reading the foundational texts upon which contemporary Fantasy and Science Fiction have been built. Beowulf, War of the Worlds, and The Hitchhiker's Guide to the Galaxy are the primary works of study.	.5	10-12	
<b>CREATIVE WRITING</b> This one semester class is designed to allow each student the opportunity to experience a variety of writing genres. Throughout the semester we will improve our grammar skills with independent practice as well as writing skills with daily journal writes, creating a fractured fairy tale storybook, organize and conduct a Halloween Writing Contest, poetry (a variety of free verse and rhymed poems), enter a poem in a poetry contest, write and record a group radio play, original short story, and an original piece for the class booklet. (1 <sup>st</sup> Semester only)	.5	10-12	
<b>LITERATURE &amp; FILM</b> This English elective is intended to replace one semester of the English 12 course. Because of this, it is taught at the same level and with the same rigor as English 12. The skills and objectives that make up the course are aligned with the UCSS standards for English 11-12. As such, students will be challenged to analyze and examine the interdependencies of cinema and literature and how the corollary art forms relate. Students will focus on how the themes of each piece rely on plot, character, mood, ideas, or cinematic elements to deliver their message. Students will read and watch examples from each category, which may include works such as Romeo & Juliet, The Wizard of Oz, Rear Window, and Fantastic Mr. Fox.	.5	10-12	
<b>Financial Literature</b>			
<b>FINANCIAL LIT</b> This one semester course for juniors encompasses standards that are essential to the development of basic financial literacy. Students will gain the information and skills to implement a life-long plan for financial success as well as understanding how values, culture, and economic forces affect personal financial priorities and goals. Students will learn sources of income and the relationship between career preparation and lifetime earning power. Students will evaluate saving methods and investment strategies and will understand principles of personal money management including budgeting, managing accounts, and the role of credit and impacts on personal finance. <b>This class fills the requirement for Financial Lit.</b>	.5	11	



## Fine Arts

<b>MUSIC APPRECIATION</b> In this one-semester class, students will be discovering different cultures and traditions of music around the world from past to present. Topics explored will be jazz music, rock, classical history, basic music theory, and pop/hip-hop. Students will be deeply engaged in discussions, listen to examples of various musical pieces, and research various musicians. During the second term of the semester, students will also be learning how to play the Ukulele.	.5	9-12	\$15
<b>CHOIR</b> Students need not be advanced singers or performers but should be able to match pitch. Students will be learning how to sight-read and understand basic music theory. Weekly practice and participation are factored into the student's grade, as well as, memorizing and passing off required songs. Students will also have the opportunity to learn how to play the Ukulele during the 2nd and 4th terms.	.5 - 1.0	9-12	\$15
<b>INTRO TO PIANO</b> In this semester class, students will be learning the basics of playing the piano. Students will not be expected to know anything about music theory or music, in general, to be in this class. We will be learning the very basics. Students will be expected to be able to work independently as well as in groups. Throughout the semester, students will be expected to practice in class and pass off songs with the teacher.	.5	9-12	\$15
<b>GUITAR</b> This class is for students who want to learn a cool musical instrument and start a lifetime love affair with music creation. Warning, learning how to play the guitar is tough at times so each candidate for this class should consider their level of interest carefully.	.5	9-12	
<b>STUDIO ART</b> This course will explore a variety of artistic processes including traditional portraiture, figure drawing, and painting, but we will also explore new genres of art-making including installation and digital media. Students will develop original artwork for a personal portfolio. <b>Teacher Approval Required</b>	1.0	10-12	\$30
<b>Art Exploration (STRATS)</b> This introductory art course examines the visual arts and expands upon the skills students already have. The major focus is on the elements of art - line, shape, form, color, value, texture, and space. We will explore many artists, styles and media, and develop technical and critical skills	.5-1.0	9-12	
<b>ART HISTORY</b> This one semester course is designed as an introduction to art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, Art History offers high school students an in depth overview of art throughout history. Students enrolled in this course will cover topics including Prehistoric, early Medieval and Romanesque art through modern art in Europe and the Americas.	.5	9-12	
<b>ART FOUNDATIONS II</b> This one semester basic high school art class is required for most of the visual arts courses. The class covers the elements and principles of art and their application. <b>Art Foundations II is the HS art class. Art Foundations I is for Jr. High.</b>	.5	9-12	\$30
<b>3D &amp; CULTURAL ART</b> This one semester course develops strong hands on creative problem and thinking skills. Students will research cultures and art history to learn about how different	.5	10-12	\$35

forms of sculpture and 3 dimensional work has become a recognized fine art form of today. Students will develop introduction skills as they construct a variety of sculpture projects using different materials. Students will critique and give meaning to their individual art works. <b>Teacher Approval Required</b>			
<b>DRAWING I</b> In this one semester class, students will expand on what they learned in previous art classes with a focus on drawing with pen, pencil, charcoal and colored pencil. They will study many aspects of portraiture, analyzing masters works and using these concepts in their own work.	.5	10-12	\$30
<b>Jewelry</b> In this class students will be exploring the art of jewelry making. We will be creating jewelry in different mediums which may include beads, clay, glass, leather, weaving, paper, etc. We will focus on jewelry throughout history and its place in fashion. We will be looking at jewelry and how it helps shape cultures.	.5	10-12	\$30
<b>Math</b>			
<b>SECONDARY MATH 1</b> Students in Secondary Mathematics 1 will deepen and extend understanding of linear and exponential relationships. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. This course is a prerequisite to Secondary Mathematics 2.	1.0	9	
<b>SECONDARY MATH 2</b> Secondary Math 2 will have an in-depth study of quadratic functions and will compare their behavior to those of linear and exponential functions. Complex numbers are introduced and used. Probability and data, similarity, right triangle trigonometry and circles are also studied. Algebraic and geometric concepts and representations are used together. <b>Prerequisite: Secondary Math I</b>	1.0	9-10	
<b>SECONDARY MATH 3</b> Students in Secondary Math 3 will deepen their knowledge and study of rational, radical, polynomial, trigonometric, exponential, and logarithmic functions. They will also study various probability and statistics topics. A focus will be placed on mathematical modeling. A graphing calculator is required. <b>Prerequisite: Secondary Math II</b>	1.0	10-11	
<b>MATH ESSENTIALS I, II, &amp; III</b> This course is to reinforce concepts needed for continuing math. Students who are missing concepts or principles from previous Math classes can "fill in the gaps" so may take this course to prepare for success in future math courses.	1.0	9-12	
<b>PRECALCULUS</b> This course will prepare students for AP Calculus AB. Only students who earned a B+ or better in Secondary Math 3 should register for this course. Students who earned lower than a C in Secondary Math 3 should register for College Prep Math. A graphing calculator is required. <b>Prerequisite: B+ or higher in Secondary Math III</b>	1.0	11-12	
<b>Physical Education &amp; Health</b>			
<b>PE SKILLS</b> This one Semester course is designed to develop competency in up to five different activities. Competency involves the ability to apply the basic skills, strategies, and	.5	9	

rules using standardized guidelines or rubrics. This semester class offers students instruction in lifetime activities and fulfills .5 credit of P.E. requirement for high school graduation. Individual, dual, and team sports activities are included, with the emphasis on activities offering lifelong participation opportunities.			
<b>PE FITNESS</b> This one semester course is an individualized, concepts-based course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign their own personal fitness program. This is a combination of classroom-based and activity-based learning activities with a focus on students' mastery of skills and concepts necessary to becoming independent monitors of their personal lifetime fitness. Good supportive gym shoes and approved PE clothing are required for this class. <b>This is the only course that satisfies the PE Fitness graduation requirement.</b>	.5	10	\$15
<b>HEALTH</b> A one semester course generally designed for 10 <sup>th</sup> grade. It focuses on wellness and the importance of good physical, mental, and social health, including some medical self-help skills. <b>This is the only course that will satisfy the Health graduation requirement.</b>	.5	10	
<b>PE LIFETIME ACTIVITIES</b> This one semester course offers skill development in a variety of lifetime individual and team sports. Running and exercise skills to improve physical conditioning are included. Sports may include badminton, volleyball, and/or basketball. The class includes discussions of nutrition and exercise and their relation to good health.	.5 - 1.0	9-12	\$15
<b>Science</b>			
<b>EARTH SCIENCE</b> Earth Science is an integrated science course which focuses on the theme of systems. Topics from physical, earth, and life science are integrated to help students develop an understanding of interactions and interdependence within and between such earth systems. Some hands-on inquiry-based instruction is used to help students value science as a process for obtaining knowledge based on observable evidence. Also hands on activities and demonstrations as often as possible.	1.0	9	\$20
<b>BIOLOGY</b> In this course students learn how to do science by studying the living world. Topics include cell structures and processes, heredity and genetics, plant and animal organ systems, ecology, and evolution. Class time involves discussions, laboratory, demonstrations, student reports, videos, and discussion of current events in the scientific community.	1.0	10	\$20
<b>ASTRONOMY</b> Astronomy is a course where students learn about the Universe, Stars, and Planets. Students will be learning about the life cycle of stars, Universe expansion, planet sizes and compositions, and much more. The class includes hands-on activities, research on current findings in the scientific community, and some videos. The overarching goals of the class include helping students gain an appreciation for the sciences, teach students how to ask scientific questions, and teach students how to find their own answers through research.	.5 - 1.0	11-12	\$20
<b>GEOLOGY/OCEANOGRAPHY</b> Geology is a course that will help students learn about Earth's physical structure, features, and composition, forces acting on them, and more! Topics include rocks,	1.0	11-12	\$20

minerals, fossils, weathering, volcanoes, and much more . Oceanography is a class that studies more about the Earth's oceans, atmosphere, and ocean environment. Students will learn about the origin of the oceans, waves, tides, depth, features and much more.			
<b>ANATOMY &amp; PHYSIOLOGY</b> The class will examine the normal structure of the human body. The student will develop a working knowledge of homeostasis and pathology. Innovative laboratory exercises such as examination and dissection. This class is a must for any student going into professions such as nursing, physical therapy, medicine, or dentistry. <b>*Good behavior in Biology especially regarding sensitive materials is required to register for A&amp;P</b>	1.0	11-12	\$20
<b>CHEMISTRY</b> Chemistry addresses the natural phenomena that take place in the world around us. Students will explore the elements and atoms that make up the universe, and how and why those atoms bond together to form molecules. Students will learn about, observe, and perform various chemical reactions and the mechanics behind them. Students will also learn about solutions, light emissions, and radioactivity.	1.0	11-12	\$20
<b>AP BIOLOGY</b> This is <u>college-level</u> biology. Students cultivate their understanding of biology through inquiry-based investigations as they explore the topics of: evolution, cellular process-energy and communication, genetics, information transfer, ecology, and interactions. This course is equivalent to a two-semester <u>college biology</u> course. This course prepares students to take the AP exam in May. To pass the exam students must be highly motivated and driven to excel in this challenging course. <b>*1 Year of Biology</b> <b>*1 Year of Chemistry</b> <b>*Teacher recommendation from Biology or Chemistry.</b> <b>*Good behavior in Biology especially regarding sensitive materials as well as a grade of B or better in previous Science classes is required.</b>	1.0	11-12	\$20
<b>Social Studies</b>			
<b>CURRENT ISSUES</b> This one semester course introduces students to real world problems facing America. Emphasis shall be placed upon a variety of issues confronting our society. Students will be expected to do research on the issues, participate in class discussions, and learn about opposing viewpoints.	.5	12	
<b>US GOVERNMENT</b> This one semester required class intended to be taken during the senior year. The goal of this course is to foster informed, responsible participation in public life. Knowing how to be a good citizen is essential to the preservation and improvement of the United States democracy. Upon completion of this course the student will understand the major ideas, protections, privileges, structures and economic systems that affect the life of a citizen in the United States political system.	.5	12	
<b>US HISTORY</b> This is a full year course in American History that fulfills the graduation requirement. This course contains a brief review of Discovery through Reconstruction, including more in depth exposure from the Gilded Age to the	1.0	11	

present time covering the economics, social, and political developments in our nation's history. Current events will be discussed as they pertain to the course.			
<b>GEOGRAPHY</b> This one semester course will cover the five themes of geography and follow the state curriculum. We will study the various cultures of the world, including the way they live, work and use resources. We will look at the world through political, social and advancing technology, and utilize geographic skills. Students will understand the practical application of geography to everyday life through the use and study of maps	.5	9	
<b>WORLD HISTORY</b> This one semester course is the second half of the 9th grade History requirement. This course will study the history of diverse people and cultures of the world. Students will study the commonalities and differences of the human experience in the following six areas: (1) social, (2) scientific and technological, (3) economic, (4) religious and philosophical, (5) geographic, and (6) political. Three areas of study will be the Middle East, Western Europe, and the United States. Comparisons and evaluations will be the focus.	.5	9	
<b>World Languages</b>			
<b>ASL I - (American Sign Language I)</b> This is a year-long course. In this course you will learn functional methods for conversing in American Sign Language. At the end of this course you will be able to have simple conversations in American Sign Language covering a variety of topics. We will also cover various topics currently affecting the American Deaf culture. You will complete performance skills, receptive skills, and written evaluations which will cover your individual signing skills, your ability to understand signed language, and your grasp of grammatical structures and Deaf culture.	1.0	9-12	\$10
<b>ASL II - (American Sign Language II)</b> This course is a year-long continuation of the American Sign Language program. In this course you will continue using a functional approach to refine your conversational skills and develop more depth and breadth in your performance. You will be evaluated based on performance skills, receptive skills, and written exams. We will continue to address relevant Deaf culture topics in this course. <b>Prerequisite: ASL 1</b>	1.0	10-12	\$10
<b>SPANISH I</b> This class is for beginning students or those who have studied Spanish less than six months. Students will be taught the basic communicative skills of speaking, listening, reading, and writing at a novice level. The student will gain insights and understanding of Spanish culture, customs, and history.	1.0	9-12	\$10
<b>SPANISH II</b> This class requires Spanish 1 background or an equivalency of the same material. The class offers a more thorough study of Spanish in speaking, listening, reading, and writing. The student will continue to gain insights and understanding of Spanish culture, customs, and history. <b>Prerequisite: Spanish I</b>	1.0	10-12	\$10
<b>SPECIAL SUPPORT CLASSES</b>			
<b>LIFE HACKS</b> Life Hacks is a class where we tackle the toughest questions about social skills and interacting with others. Our goal is to help you better understand the world around you. We will talk about dating, bullying, how to understand your emotions, and how	.5 - 1.0	9-12	

to make good friends and keep them. You will have the opportunity to safely discuss your concerns and questions and have a positive environment to interact with your peers.			
<b>PAES (Practical Assessment Exploration System)</b> is a unique job exploration program for students at the High School level. The classroom is converted into a simulated work environment where the teacher is the boss - employer, and the students become the employees. Students punch a time-clock, pull their task box, and go through hundreds of different jobs that can be as involved or as simple as the student can manage with their skill set. The class is designed to help students find out what skills they are good at, what jobs they are interested in, and what skills they need to develop to have meaningful post-high school job experiences.	1.0	9-12	
<b>General Electives</b>			
<b>Transition classes are required courses at Spectrum Academy and fulfill the Transition planning component of our charter.</b>			
<b>TRANSITIONS I</b> This one semester course helps to understand human and career literacy that ties to university courses of study in human services. Skill development will focus on career selection and preparation and the development of interpersonal skills. Students will analyze school, personal experiences and academic achievement as it relates to the world of family, careers and community. This course will strengthen concepts outlined in Sciences, Technology, Engineering and Math (STEM) education. Student leadership may be integrated into this course	.5	9	
<b>TRANSITIONS II</b> This one semester course is designed to prepare students with skills to live independently. Skills are developed to help students manage their needs in the areas of interpersonal relationships, housing, clothing, nutrition, and food. Management of time, money, and resources are emphasized in each area allowing students to be successful at home and in the workplace.	.5	10	
<b>TRANSITIONS III</b> Ready to graduate and move on? Do you daydream about life after high school? Find the secrets to success in relationships, careers and life. Learn money management skills, communication and relationships, practice effective dating strategies, and develop abilities that will help you as you move into the world of adulthood. This course will strengthen concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education.	.5	11	
<b>Evolution of Gaming</b> Video games have existed for almost half a century, and during that time have had a major impact on our culture and the entertainment industry. This semester-long course will chart the history of the video game medium, paying particular attention to trends within the industry and examine the cultural forces that have shaped the development of games as well as how games have shaped culture. Students who succeed in this class will level up their abilities to: read and interpret texts in the humanities, produce written and oral discourse, participate effectively in critical discussions, analyze complex issues, and examine the effects of scientific and technological developments on individuals and social groups. Plus, they'll be able to wow their friends with their knowledge of obscure games history. *As part of the examination of the cultural impact of video games and due the inherent nature of the medium, there will be some discussion about topics such as	.5	10-12	



violence in video games that may be uncomfortable for some students. This course requires a student behavior contract.			
<b>STUDY HALL</b> Primarily for students receiving remedial help in English or Math. May be allowed for students taking a heavy academic load, or working on Credit Make Up packets.	.5 - 1.0	9-12	
<b>STUDENT GOVERNMENT (SBO)</b> Student Government is a class designed to help students develop skills and attributes in Leadership Skills. <b>(by election only)</b>	1.0	9-12	\$10
<b>YEARBOOK</b> Students will produce the yearbook, develop and use skills in writing, art, layout, design, photography, business management, and leadership. Students will also be learning digital photography principles and competencies. It requires active engagement each and every class period in order to have a high quality yearbook at the end of the year. The yearbook is the historic record of the school year. This is a big responsibility and one that must be taken seriously. This class is only for motivated students. This class requires work outside of class hours. <b>By application only. Applications are available in the front office or from Mrs Brown in room 414.</b>	1.0	9-12	
<b>PSYCHOLOGY</b> This one semester class Psychology is the study of individual behavior. Students study human behavior in areas such as personality, learning, consciousness, mental illness and health.	.5	11-12	
<b>RELEASE TIME - SEMINARY</b> A student may be released to attend off-campus religious instruction. Students must register with the Seminary Principal or Bishop for application forms or for early morning Seminary registration.	0	9-12	
<i><b>Drivers Education</b> is no longer offered at Spectrum Academy PG. Contact your local high school for availability of early morning or after school options. Dr. Ed can also be taken online through several Utah approved programs.</i>			
<b>Mountainland Applied Technology College (MTECH)</b>	Varies	11-12	~
<p>MTECH requires that students must show 9 weeks (one term) of High School coursework without a behavior referral in order to apply to MTEC.</p> <p>MTECH students may earn the following credentials: (1) CSC: Certificate of Skill Competence, (2) COP: Certificate of Proficiency, (3) COC Certificate of Completion, (4) CE: Concurrent Enrollment, (5) National: national certification available, (6) State: state licensure available, or industry certification, or (7) Certification: Industry Recognized Certifications.</p> <p>According to the Utah State Legislature, high school students enrolled in a Utah public high school are not required to pay tuition or application fees for programs taught on a Utah College of Applied Technology (UCAT) campus. However, once a high school student's class has graduated the student is then required to pay tuition and application fees. Textbooks, program packets and other supplies will be sold through the MTECH Bookstore. For more information call: 801-863-6282 or visit the MTEC Website @ <a href="https://mtec.edu/">https://mtec.edu/</a></p> <p><b>**YOU MUST APPLY THROUGH MATC TO ENROLL IN THESE CLASSES**</b></p> <p><b>**TRANSPORTATION IS THE RESPONSIBILITY OF THE STUDENT. **</b></p> <p><b>**CLASSES CAN CHANGE WITHOUT NOTICE – SEE MTEC FOR SCHEDULE**</b></p> <p><b>**MTEC IS NOT AFFILIATED WITH SPECTRUM ACADEMY</b></p> <p><b>IT IS A COLLEGE ENVIRONMENT AND IS OPEN TO ANYONE WHO IS ADMITTED**</b></p>			