

# D91 9th Grade Online Courses

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<b>ENGLISH 9A</b>	<p>This course examines the varied meanings of language through drama, short stories, and informational texts. You will read, explore, discuss, analyze, and synthesize information from different cultural and historical perspectives, as well as produce informative, argumentative, and narrative writing. The major readings in the course are "The Most Dangerous Game" and Romeo and Juliet. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible            Required Textbooks and Resources:            There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course            Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<b>MATH ALGEBRA 1A</b>	<p>This course will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The completion of this course will prepare students to continue on to the second trimester of Algebra 1, and then on to Algebra 2 or Geometry. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible            Prerequisites: PreAlgebra or Math 8</p> <p>Required Textbooks and Resources:            Graphing calculator or graphic calculator app. options: Calculator.com Online as well as Android and iPhone apps - <a href="http://www.meta-calculator.com/online/">http://www.meta-calculator.com/online/</a> <a href="https://www.desmos.com/calculator">https://www.desmos.com/calculator</a> iPhone App - <a href="https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8">https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8</a> <a href="http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html">http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html</a> Mathlab Android App (also available for Nook and from Amazon) - <a href="https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en">https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en</a> Technical Skills Required for Course            Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<p><b>MATH GEOMETRY A</b></p>	<p>This course covers the first trimester of a two trimester Geometry course that aligns to the Idaho Core standards for high school mathematics. Students will learn into the concepts of basic geometry, transformations and congruency, proofs of theorems, dilations and similarity, and triangle similarity. They will practice these mathematical concepts in a variety of forms and applications. Students will employ the standards of mathematical practice as they work through course material. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisite: Completed Algebra 1</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculators, graph paper</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

<p><b>MATH ALGEBRA 2A</b></p>	<p>This course will build on student's knowledge of linear, quadratic, and exponential functions, with extensions on polynomials, rational, and radical functions. Students will work with the expressions that define the functions and continue to expand their abilities to model situations and solve equations, which include quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completion of Algebra 1.</p> <p>Required textbooks and resources There is no textbook required for this class. All required resources are available through the online course. Graphing Calculator Graph Paper</p> <p>Technical Skills Required for Course Activities Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>
<p><b>MATH COLLEGE ALGEBRA</b></p>	<p>This advanced algebra class covers functions (linear, polynomial, rational, logarithmic, exponential), sequences and series, and systems of equations. This is a one trimester course worth 1.5 credits. This course is generally followed by Trigonometry.</p>	<p>Mac and Windows Compatible <b>This course is NOT Chromebook compatible.</b></p> <p>Prerequisite: Completed Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculator is a necessity – preferably a TI-83, TI-86, or TI-89</p>

<p><b>MATH</b> <b>CAREER MATH A</b></p>	<p>In this third-year level Career Math A course, you will cover topics that will help you become familiar with math used in careers. Students will review and master topics from whole numbers, fractions and decimals, real numbers, measurement, rates and ratios, geometry and statistics. They will discuss and complete small projects that involve the topics listed above as they relate to different careers. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed Geometry.</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

**SCIENCE  
BIOLOGY A**

**(All 9th graders will take this course.)**

You will work through coursework, labs, and activities covering the scientific method, organic compounds, cell structure, genetics, biotechnology, and biological change. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.

Chromebook Mac and Windows Compatible

Biology A Lab List

This course satisfies the state requirement for credit in a lab science.

Required Textbooks and Resources: A binder to keep basic materials; texts are provided online. Each unit includes experiments, kitchen labs (activities you can carry out with household materials), and/or online manipulations and virtual labs. Instructions and lists of supplies can be found in each unit. Download the full Lab Materials List here.

Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.

COURSES

DESCRIPTION

PREREQUISITES,  
REQUIREMENTS &  
RESOURCES

**SOCIAL STUDIES  
WORLD HISTORY A**

This course covers early hunter-gatherer communities during the Paleolithic Age to the Agrarian communities in the New Paleolithic Age. Students will learn about Ancient River Valley Civilizations and their achievements that helped to develop the civilized world. They will learn about the social, economical, and political characteristics in ancient Greece, Rome, the Byzantine Empire, early African and Mesoamerican civilizations. They will evaluate the role of the Catholic Church during the Middle Ages and determine the achievements of the Renaissance Era in order to explain how western society benefited from this Reformation. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.

Chromebook Mac and Windows Compatible

Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.

Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.

# D91 10th Grade Online Courses

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<p><b>ENGLISH 10A</b></p>	<p>This course focuses on readings such as short stories, poetry, and drama as well as informative and persuasive writing. The students will utilize the Integrated English materials from NROC (creator of EdReady) to learn how to discover implied meaning and interpret bias. Along the way, students will practice writing, grammar, and vocabulary. Students will also discuss the important ideas from the readings in order to understand how those ideas apply to their lives today. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Digital video recording device, microphone, speakers/headset</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES

<p><b>MATH ALGEBRA 1A</b></p>	<p>This course will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The completion of this course will prepare students to continue on to the second trimester of Algebra 1, and then on to Algebra 2 or Geometry. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible Prerequisites: PreAlgebra or Math 8</p> <p>Required Textbooks and Resources: Graphing calculator or graphic calculator app. options: Calculator.com Online as well as Android and iPhone apps - <a href="http://www.meta-calculator.com/online/">http://www.meta-calculator.com/online/</a> <a href="https://www.desmos.com/calculator">https://www.desmos.com/calculator</a> iPhone App - <a href="https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8">https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8</a> <a href="http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html">http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html</a> Mathlab Android App (also available for Nook and from Amazon) - <a href="https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en">https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en</a> Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>MATH GEOMETRY A</b></p>	<p>This course covers the first trimester of a two trimester Geometry course that aligns to the Idaho Core standards for high school mathematics. Students will learn into the concepts of basic geometry, transformations and congruency, proofs of theorems, dilations and similarity, and triangle similarity. They will practice these mathematical concepts in a variety of forms and applications. Students will employ the standards of mathematical practice as they work through course material. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisite: Completed Algebra 1</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculators, graph paper</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

<p><b>MATH ALGEBRA 2A</b></p>	<p>This course will build on student's knowledge of linear, quadratic, and exponential functions, with extensions on polynomials, rational, and radical functions. Students will work with the expressions that define the functions and continue to expand their abilities to model situations and solve equations, which include quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completion of Algebra 1.</p> <p>Required textbooks and resources There is no textbook required for this class. All required resources are available through the online course. Graphing Calculator Graph Paper</p> <p>Technical Skills Required for Course Activities Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>MATH COLLEGE ALGEBRA</b></p>	<p>This advanced algebra class covers functions (linear, polynomial, rational, logarithmic, exponential), sequences and series, and systems of equations. This is a one trimester course that is usually followed by Trigonometry second trimester. A passing grade will earn 1.5 credits per trimester.</p>	<p>Mac and Windows Compatible <b>This course is NOT Chromebook compatible.</b></p> <p>Prerequisite: Completed Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculator is a necessity – preferably a TI-83, TI-86, or TI-89</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

<p><b>MATH</b> <b>CAREER MATH A</b></p>	<p>In this third-year level Career Math A course, you will cover topics that will help you become familiar with math used in careers. Students will review and master topics from whole numbers, fractions and decimals, real numbers, measurement, rates and ratios, geometry and statistics. They will discuss and complete small projects that involve the topics listed above as they relate to different careers. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed Geometry.</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>SCIENCE</b> <b>CHEMISTRY A</b></p>	<p>Course Description: Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. Matter is all the “stuff” around us. In this first trimester class you will learn about atomic structure, physical and chemical change, chemical bonding, naming compounds, percentage composition and molecular geometry. Since chemistry is a laboratory based course, each unit will include a lab simulation and/or a kitchen lab experience. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed or enrolled in Algebra 2.</p> <p><a href="#">Chem301 Supply List</a></p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Chemistry A Lab Supply List is provided here by unit.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

**SCIENCE**  
**ANATOMY & PHYSIOLOGY A**

Anatomy and Physiology A is the first in a sequential two trimester course that focuses on the structure and functions of the human body. Each of the human body systems will be studied with an emphasis on structure and function, developmental changes from infancy to old age, and common problems and diseases. You will participate in several activities including virtual labs and simulations, home science lab investigations, class discussions, and course projects. These activities require that you have met prerequisites of Algebra I, Physical Science, and Biology. Whether you enroll to learn more about how your body works, or you are interested in continuing your education in Health Professions, this course is designed to help you meet the requirements for a third year of high school science and is structured to appeal to a wide variety of mature high school students. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.

Chromebook Mac and Windows Compatible  
Prerequisites: C or better in Biology

Required Textbooks and Resources:  
Wikibooks: Human Physiology, Kevin Young et. al., (Content Provided Online).  
Binder - You should keep a binder with your printed notes, handwritten notes, and other helpful resources and various other tables of information. Create a section for each course unit. (Start by printing this syllabus and placing it in the front of the binder.)  
Calculator - You do not need to purchase a graphing calculator, but you should have one that performs basic mathematical computations. There are a few activities throughout the course that may require a calculator.  
Lab Materials - Some of the investigations require materials that can be found in most grocery or "big-box" stores. A list of materials by investigation and by unit is provided here.

Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.

COURSES

DESCRIPTION

PREREQUISITES,  
REQUIREMENTS &  
RESOURCES

<p><b>SCIENCE PHYSICS A</b></p>	<p>This course covers physics, the study of the world around us and the laws of nature that govern that world. The first trimester of physics will cover the topics the mathematics used in Physics, motion (one dimensional and projectile motion), forces, Newton's Laws, gravity, circular motion, collisions and momentum, work and energy. This is an algebra-based introductory physics class. A student who has completed geometry will adapt well to this course work. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed or enrolled in Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Unit 1 contains information about free graphing software to download to your computer and graphing calculators can be found online.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>SOCIAL STUDIES US HISTORY 10A</b></p>	<p>This course covers the discovery of the New World, to the Pilgrims, through the Revolution and the War of 1812. Students will learn geography, military history, and about those quirky little hats with buckles. They will participate in online readings, videos, online activities and presentations. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

## *D91 11th Grade Online Courses*

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<b>ENGLISH 11A</b>	<p>During this course, students have the opportunity to travel back in time and discover their American cultural heritage. The writings from each of the time periods studied reflect, respond to, or react against the society of the time. Each of the writers recorded his or her observations about the human experience during their lifetimes and left it to us as a legacy. What is an American? What beliefs do we as a country hold dear? What principles does our culture value? Students will have the opportunity to reflect on these and other questions as they explore the earliest American writings. The students will also utilize the Integrated English materials from NROC (creator of EdReady) to learn how to explore comparative elements and inform their opinions through causal chains. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: All Materials are Provided Online There is no textbook required for this class. All required resources are available through the online course. Optional textbooks and resources: A Hard Copy of The Crucible by Arthur Miller - you will be reading this play in Unit 2</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
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<p><b>MATH ALGEBRA 1A</b></p>	<p>This course will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The completion of this course will prepare students to continue on to the second trimester of Algebra 1, and then on to Algebra 2 or Geometry. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible Prerequisites: PreAlgebra or Math 8</p> <p>Required Textbooks and Resources: Graphing calculator or graphic calculator app. options: Calculator.com Online as well as Android and iPhone apps - <a href="http://www.meta-calculator.com/online/">http://www.meta-calculator.com/online/</a> <a href="https://www.desmos.com/calculator">https://www.desmos.com/calculator</a> iPhone App - <a href="https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8">https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8</a> <a href="http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html">http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html</a> Mathlab Android App (also available for Nook and from Amazon) - <a href="https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en">https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en</a> Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>MATH GEOMETRY A</b></p>	<p>This course covers the first trimester of a two two trimester Geometry course that aligns to the Idaho Core standards for high school mathematics. Students will learn into the concepts of basic geometry, transformations and congruency, proofs of theorems, dilations and similarity, and triangle similarity. They will practice these mathematical concepts in a variety of forms and applications. Students will employ the standards of mathematical practice as they work through course material. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible Prerequisite: Completed Algebra 1</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculators, graph paper</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

<p><b>MATH ALGEBRA 2A</b></p>	<p>This course will build on student's knowledge of linear, quadratic, and exponential functions, with extensions on polynomials, rational, and radical functions. Students will work with the expressions that define the functions and continue to expand their abilities to model situations and solve equations, which include quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completion of Algebra 1.</p> <p>Required textbooks and resources There is no textbook required for this class. All required resources are available through the online course. Graphing Calculator Graph Paper</p> <p>Technical Skills Required for Course Activities Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>MATH COLLEGE ALGEBRA</b></p>	<p>This advanced algebra class covers functions (linear, polynomial, rational, logarithmic, exponential), sequences and series, and systems of equations. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Mac and Windows Compatible <b>This course is NOT Chromebook compatible.</b></p> <p>Prerequisite: Completed Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculator is a necessity – preferably a TI-83, TI-86, or TI-89</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

<p><b>MATH CAREER MATH A</b></p>	<p>In this third-year level Career Math A course, you will cover topics that will help you become familiar with math used in careers. Students will review and master topics from whole numbers, fractions and decimals, real numbers, measurement, rates and ratios, geometry and statistics. They will discuss and complete small projects that involve the topics listed above as they relate to different careers. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed Geometry.</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>SCIENCE CHEMISTRY A</b></p>	<p>Course Description: Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. Matter is all the “stuff” around us. In this first trimester class you will learn about atomic structure, physical and chemical change, chemical bonding, naming compounds, percentage composition and molecular geometry. Since chemistry is a laboratory based course, each unit will include a lab simulation and/or a kitchen lab experience. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed or enrolled in Algebra 2.</p> <p><a href="#">Chem301 Supply List</a></p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Chemistry A Lab Supply List is provided here by unit.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

**SCIENCE**  
**ANATOMY & PHYSIOLOGY A**

Anatomy and Physiology A is the first in a sequential two trimester course that focuses on the structure and functions of the human body. Each of the human body systems will be studied with an emphasis on structure and function, developmental changes from infancy to old age, and common problems and diseases. You will participate in several activities including virtual labs and simulations, home science lab investigations, class discussions, and course projects. These activities require that you have met prerequisites of Algebra I, Physical Science, and Biology. Whether you enroll to learn more about how your body works, or you are interested in continuing your education in Health Professions, this course is designed to help you meet the requirements for a third year of high school science and is structured to appeal to a wide variety of mature high school students. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.

Chromebook Mac and Windows Compatible  
Prerequisites: C or better in Biology

Required Textbooks and Resources:  
Wikibooks: Human Physiology, Kevin Young et. al., (Content Provided Online).  
Binder - You should keep a binder with your printed notes, handwritten notes, and other helpful resources and various other tables of information. Create a section for each course unit. (Start by printing this syllabus and placing it in the front of the binder.)  
Calculator - You do not need to purchase a graphing calculator, but you should have one that performs basic mathematical computations. There are a few activities throughout the course that may require a calculator.  
Lab Materials - Some of the investigations require materials that can be found in most grocery or "big-box" stores. A list of materials by investigation and by unit is provided here.

Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.

COURSES

DESCRIPTION

PREREQUISITES,  
REQUIREMENTS &  
RESOURCES

<p><b>SCIENCE PHYSICS A</b></p>	<p>This course covers physics, the study of the world around us and the laws of nature that govern that world. The first trimester of physics will cover the topics the mathematics used in Physics, motion (one dimensional and projectile motion), forces, Newton's Laws, gravity, circular motion, collisions and momentum, work and energy. This is an algebra-based introductory physics class. A student who has completed geometry will adapt well to this course work. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed or enrolled in Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Unit 1 contains information about free graphing software to download to your computer and graphing calculators can be found online.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>SOCIAL STUDIES US HISTORY 11A</b></p>	<p>Welcome to U.S. History 11A. This is the first of a two-trimester course that aims to give students a general understanding of the political, economic, and social changes within American society from the beginning of the 20th Century (Gilded Age) through World War II. We will be looking at a few primary sources that highlight each era as they are covered. There were fifteen presidents during the years that this course covers and each one is important. However, two of these United States presidents were notably significant and influential and we will study them in some detail. Those presidents are Theodore (Teddy) Roosevelt and his second cousin, Franklin Delano Roosevelt (FDR). Each unit will have a discussion that will involve interaction with fellow classmates along with a variety of other assignments as well. The major assessment in each of the eight units will be an alternating set of Thinking Questions that are open notes or a Unit Test that is closed notes. A Study Guide and Review Guide is available for student use in each unit. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: US History 10A, 10B.</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

# D91 12th Grade Online Courses

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<b>ENGLISH 12A</b>	<p>English 12A covers the history of the English language from Old English through Modern English. Students will study major literary works from each time period: Beowulf, The Canterbury Tales, and Hamlet. Students will write narrative and argumentative essays as well as complete a research paper, studying how to identify bias and locate reliable sources. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There are no additional materials required for this course. Students may obtain copies of the following major works if desired, but all texts are available online: Beowulf (you will be reading excerpts) The Canterbury Tales (you will be reading the prologue and one tale) Hamlet (you will be reading the entire play) Students are also encouraged to have a microphone.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<p><b>MATH ALGEBRA 1A</b></p>	<p>This course will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The completion of this course will prepare students to continue on to the second trimester of Algebra 1, and then on to Algebra 2 or Geometry. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible Prerequisites: PreAlgebra or Math 8</p> <p>Required Textbooks and Resources: Graphing calculator or graphic calculator app. options: Calculator.com Online as well as Android and iPhone apps - <a href="http://www.meta-calculator.com/online/">http://www.meta-calculator.com/online/</a> <a href="https://www.desmos.com/calculator">https://www.desmos.com/calculator</a> iPhone App - <a href="https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8">https://itunes.apple.com/us/app/free-graphing-calculator/id378009553?mt=8</a> <a href="http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html">http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html</a> Mathlab Android App (also available for Nook and from Amazon) - <a href="https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en">https://play.google.com/store/apps/details?id=us.mathlab.android&amp;hl=en</a> Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>MATH GEOMETRY A</b></p>	<p>This course covers the first trimester of a two trimester Geometry course that aligns to the Idaho Core standards for high school mathematics. Students will learn into the concepts of basic geometry, transformations and congruency, proofs of theorems, dilations and similarity, and triangle similarity. They will practice these mathematical concepts in a variety of forms and applications. Students will employ the standards of mathematical practice as they work through course material. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisite: Completed Algebra 1</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculators, graph paper</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<p><b>MATH ALGEBRA 2A</b></p>	<p>This course will build on student's knowledge of linear, quadratic, and exponential functions, with extensions on polynomials, rational, and radical functions. Students will work with the expressions that define the functions and continue to expand their abilities to model situations and solve equations, which include quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completion of Algebra 1.</p> <p>Required textbooks and resources There is no textbook required for this class. All required resources are available through the online course. Graphing Calculator Graph Paper</p> <p>Technical Skills Required for Course Activities Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>MATH COLLEGE ALGEBRA</b></p>	<p>This advanced algebra class covers functions (linear, polynomial, rational, logarithmic, exponential), sequences and series, and systems of equations. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Mac and Windows Compatible  <b>This course is NOT Chromebook compatible.</b></p> <p>Prerequisite: Completed Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Graphing calculator is a necessity – preferably a TI-83, TI-86, or TI-89</p>

COURSES	DESCRIPTION	PREREQUISITES, REQUIREMENTS & RESOURCES
<b>MATH CAREER MATH A</b>	<p>In this third-year level Career Math A course, you will cover topics that will help you become familiar with math used in careers. Students will review and master topics from whole numbers, fractions and decimals, real numbers, measurement, rates and ratios, geometry and statistics. They will discuss and complete small projects that involve the topics listed above as they relate to different careers. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed Geometry.</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<b>SCIENCE CHEMISTRY A</b>	<p>Course Description: Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. Matter is all the “stuff” around us. In this first trimester class you will learn about atomic structure, physical and chemical change, chemical bonding, naming compounds, percentage composition and molecular geometry. Since chemistry is a laboratory based course, each unit will include a lab simulation and/or a kitchen lab experience. This course fulfills the Lab Science requirement by the State of Idaho.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed or enrolled in Algebra 2.</p> <p><a href="#">Chem301 Supply List</a></p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Chemistry A Lab Supply List is provided here by unit.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Other technical skills will be taught within the course.</p>
<b>COURSES</b>	<b>DESCRIPTION</b>	<b>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</b>

<p><b>SCIENCE</b> <b>ANATOMY &amp; PHYSIOLOGY A</b></p>	<p>Anatomy and Physiology A is the first in a sequential two trimester course that focuses on the structure and functions of the human body. Each of the human body systems will be studied with an emphasis on structure and function, developmental changes from infancy to old age, and common problems and diseases. You will participate in several activities including virtual labs and simulations, home science lab investigations, class discussions, and course projects. These activities require that you have met prerequisites of Algebra I, Physical Science, and Biology. Whether you enroll to learn more about how your body works, or you are interested in continuing your education in Health Professions, this course is designed to help you meet the requirements for a third year of high school science and is structured to appeal to a wide variety of mature high school students. This course fulfills the Lab Science requirement by the State of Idaho. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible Prerequisites: C or better in Biology</p> <p>Required Textbooks and Resources: Wikibooks: Human Physiology, Kevin Young et. al., (Content Provided Online). Binder - You should keep a binder with your printed notes, handwritten notes, and other helpful resources and various other tables of information. Create a section for each course unit. (Start by printing this syllabus and placing it in the front of the binder.) Calculator - You do not need to purchase a graphing calculator, but you should have one that performs basic mathematical computations. There are a few activities throughout the course that may require a calculator. Lab Materials - Some of the investigations require materials that can be found in most grocery or "big-box" stores. A list of materials by investigation and by unit is provided here.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p>COURSES</p>	<p>DESCRIPTION</p>	<p>PREREQUISITES, REQUIREMENTS &amp; RESOURCES</p>

<p><b>SCIENCE PHYSICS A</b></p>	<p>This course covers physics, the study of the world around us and the laws of nature that govern that world. The first trimester of physics will cover the topics the mathematics used in Physics, motion (one dimensional and projectile motion), forces, Newton's Laws, gravity, circular motion, collisions and momentum, work and energy. This is an algebra-based introductory physics class. A student who has completed geometry will adapt well to this course work. This course fulfills the Lab Science requirement by the State of Idaho.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Prerequisites: Completed or enrolled in Algebra 2</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course. Unit 1 contains information about free graphing software to download to your computer and graphing calculators can be found online.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>
<p><b>SOCIAL STUDIES AMERICAN GOVERNMENT A</b></p>	<p>Welcome to American Government A! This course will help you meet your credit for American Government, required for graduation in Idaho. We will study forms of government and government theory, basics of the U.S. Constitution and American democracy, political parties and the electoral process, and the legislative branch. You will be challenged as you enjoy learning about our government and democracy. This is the first trimester of a two trimester course. A passing grade will earn 1.5 credits per trimester.</p>	<p>Chromebook Mac and Windows Compatible</p> <p>Required Textbooks and Resources: There is no textbook required for this class. All required resources are available through the online course.</p> <p>Technical Skills Required for Course Activities: Create files with a word processor. Save, download, and attach files to submit assignments. Work in multiple tabs within an Internet browser. Enable Flash within an Internet browser. Other technical skills will be taught within the course.</p>