

# PBTCC

## Embedded Courses Catalog

2020-2021



Utilizing Accelerate Education  
Online Learning

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## PBTCC Embedded Course Program

The Accelerate Education software program is an e-learning solution ideal for providing an efficient way to overcome instructional obstacles faced by students desiring to pursue career educational opportunities at the Poplar Bluff Technical Career Center.

The research-based curriculum content is available to your students in the four core subject areas and several elective areas. Lessons are extensive, relevant, and rigorous. The program consists of management and reporting tools that enable educators control over the learning process. Student assessment tools are integral to the management system and educators can test students on national and state learning objectives, which are included in the software. This software has been aligned to High School Standards and Grade Level Expectations.

Learning is cumulative with Accelerate Education. All curriculum builds on skills learned during the previous course. The delivery of the curriculum uses the direct instruction method that consists of studying the material, working practice exercises, taking a mastery test, and finally showing assimilation of the information an skills through and activity or essay. The Report component of the program will create a report detailing skills/graded areas mastered. Educators and administrators from the sending schools can utilize these reports to determine if the student has successfully mastered the objectives of the course so that credit can be awarded.

The Poplar Bluff Technical Career Center working in partnership with our consortium schools can help provide an instructional avenue for students who may not be able to enroll in a PBTCC program due to inability to meet graduation requirements. A student wishing to take advantage of this program would need to be enrolled in a PBTCC program. Upon identifying a student wanting to complete an Accelerate Education Embedded Course the sending school counselor should contact the Vocational Resource Educator at PBTCC **within the first two weeks of a semester**. The VRE will prepare an agreement that will request a teacher of record for the sending school. A teacher of the core subject area of the course requested by the student should be the teacher of record. This teacher would be the educator that could review the course objectives to insure they meet your school's requirements for the chosen course. This teacher would also be the teacher of record when transcribing credit. The vocational resource educator and Basic Skills Instructor will then make arrangements for the student to begin their chosen course of study. The student will complete some of the course work at PBTCC with a teacher to provide instruction and guidance. It would be beneficial for the student to have time and access to an internet accessible computer at their home school so that some work could be completed when time permits. Students can work independently and complete the instructional and practice exercises at any location they have access to a computer and the internet. **Mastery tests would be completed at PBTCC.** Course completion time would depend on how much time the student worked and how quickly material was learned and mastery demonstrated. Upon course completion the student's home school will be notified and reports of objectives mastered with the student's rate of mastery for those objectives will be forwarded. **The school can use these reports to determine a course grade and as documentation of course completion. The school at that point will decide how they will want to grant and transcribe the credit.**

## ***Courses and Course Descriptions***

### **Language Arts**

**Language Arts 9A** English for grade 9 is an integrated curriculum. Each unit contains thematically related lessons in five domains: reading and the study of literature, reading informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Topics are presented in ways that help young adolescents relate literacy skills to other aspects of their lives. Writing assignments include narrative, expository, and persuasive/argumentative modes and emphasize the use of and details and reasoning to support ideas. Speaking and listening lessons in Semester A emphasize collaborative discussion skills and peer review. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit. No Prerequisites, Course Length- 18 Weeks, **Materials - Required Novel (not provided by TCC must be provided by Student or School)- Romeo and Juliet by William Shakespeare. Student must choose 1 from- The Old Man and the Sea by Ernest Hemingway, House on Mango Street by Sandra Cisneros, Fahrenheit 451 by Ray Bradbury, The Odyssey by Homer, Ender's Game by Orson Scott Card, Speak by Laurie Halse Anderson, Of Mice and Men by John Steinbeck**

**Language Arts 9B** Like semester A, semester B consists of integrated units focused on a theme or mode of study. Literature study in semester B focuses on the analysis of different forms of literature and on comparative studies of world literature and literature delivered in different media. Writing and informational text lessons guide students through the stages of research and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations. No Prerequisites, Course Length- 18 Weeks, **Materials - Required Novel (not provided by TCC must be provided by Student or School)- Required Novel- To Kill A Mockingbird by Harper Lee Student must choose 1 from- The Old Man and the Sea by Ernest Hemingway, House on Mango Street by Sandra Cisneros, Fahrenheit 451 by Ray Bradbury, The Odyssey by Homer, Ender's Game by Orson Scott Card, Speak by Laurie Halse Anderson, Of Mice and Men by John Steinbeck**

**Language Arts 10A** English for grade 10 is an integrated curriculum, with each unit consisting of thematically related lessons in five domains: analyzing literature, analyzing informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. The skills that students practice for this course are similar to the skills in English 9 but require more independence and depth of thought. An introductory lesson at the start of each unit helps students identify any areas of weakness and review those topics before starting the more challenging grade 10 lessons. Writing assignments required in Semester A of this course include fiction, expository, and persuasive, and analytical modes, emphasizing the use of details, evidence, and reasoning to support ideas. Speaking and listening lessons in Semester A cover collaborative discussion skills, the peer review process, and how to plan and deliver informative speeches and presentations. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit. Prerequisites (Language Arts 9 or equivalent), Course Length- 18 Weeks, **Materials - Required Novel (not provided by TCC must be provided by Student or School)- Animal Farm by George Orwell Student must choose 1 from- Catcher in the Rye by JD Salinger, The Bean Trees by Barbara Kingsolver, All Quiet on the Western Front by Erich Maria Remarque, Lord of the Flies by William Golding, Twelfth Night by William Shakespeare, Farewell to Manzanar by Jeanne Houston, Antigone by Sophocles**

**Language Arts 10B** Like semester A, semester B consists of integrated units focused on a theme or mode of study. Literature study in semester B focuses on the analysis of different forms of literature and as well as the evaluation of various modes and forms of writing. Writing and informational text lessons guide students through the stages of a rigorous research process and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations. Prerequisites (Language Arts 9 or equivalent), Course Length- 18 Weeks **Required Novel (not provided by TCC must be provided by Student or School)- Night by Elie Wiesel Student must choose 1 from- Catcher in the Rye by JD Salinger, The Bean Trees by Barbara Kingsolver, All Quiet on the Western Front by Erich Maria Remarque, Lord of the Flies by William Golding, Twelfth Night by William Shakespeare, Farewell to Manzanar by Jeanne Houston, Antigone by Sophocles**

**Language Arts 11A** English for grade 11 is an American Literature course, with units organized chronologically according to periods in literary history. As students read foundation works of literature and other historical documents written between 1600 and 1900, they'll review and extend skills in five domains: analyzing literature, analyzing informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Each module or unit begins with a lesson that provides historical context for the era and introduces themes that emerged in the literature of that era. Each lesson provides students with an opportunity to review basic analysis skills before applying those skills to works of literature or key historical documents. Lessons focused on more difficult historical documents include activities that help students comprehend the complex ideas in these works. Writing modes addressed in Semester A of this course include narrative, reflective, persuasive, and analytical modes. Assignments emphasize the use of details, evidence, and reasoning to support ideas; writing lessons include model essays that demonstrate key features of each mode. The speaking and listening lessons in Semester A cover rhetoric, the peer review or writing workshop process, and performance skills. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit. Prerequisites (Language Arts 9 & 10 or equivalent), Course Length- 18 **Required Novel (not provided by TCC must be provided by Student or School)- The Scarlet Letter by Nathaniel Hawthorne Student must choose 1 from- Death of a Salesman by Arthur Miller, A Farewell to Arms by Ernest Hemmingway, My Antonia by Willa Cather, A Lesson Before Dying by Ernest Gaines, Black Boy by Richard Wright, The Adventures of Huckleberry Finn by Mark Twain**

**Language Arts 11B** Semester B of English 11 consists of units focused on historical eras and literary movements of the 20th and 21st century, such as Naturalism, Imagism, the Harlem Renaissance, and Post-Modernism. Literature analysis lessons in semester B focus on the forms of literature that were most commonly written during the Twentieth Century and how the forms, styles, and techniques of that century inform literature written today. Students will also evaluate various modes and forms of language expression, including single media and multimedia messages. Writing and informational text lessons guide students through the stages of a rigorous research process and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations. Prerequisites (Language Arts 9 & 10 or equivalent), Course Length- 18 **Required Novel (not provided by TCC must be provided by Student or School) -The Great Gatsby by F. Scott Fitzgerald Student must choose 1 from- Death of a Salesman by Arthur Miller, A Farewell to Arms by Ernest Hemmingway, My Antonia by Willa Cather, A Lesson Before Dying by Ernest Gaines, Black Boy by Richard Wright, The Adventures of Huckleberry Finn by Mark Twain**

**Language Arts 12A** Students examine major works of literature organized into thematic units. Each unit contains poetry, short stories, and a novel that revolve around the theme for the unit. Themes include the self, relationships, alienation, choice, and death. As students read these works, they have the opportunity to reflect on these important themes by writing in multiple modes and creating cross-disciplinary projects. Prerequisites (Language Arts 9, 10 & 11 or equivalent), Course Length- 18 **Required Novel (not provided by TCC must be provided by Student or School)- Jane Eyre by Charlotte Bronte Student must choose 1 from- 1984 by George Orwell, Wuthering Heights by Emily Bronte, Brave New World by Aldous Huxley, Othello by Julius Lester. One Hundred Years of Solitude by Gabriel Garcia Marquez, A Tale of Two Cities by Charles Dickens, Cry the Beloved Country by Alan Paton, Frankenstein by Mary Shelley**

**Language Arts 12B** “There is nothing either good or bad, but thinking makes it so” – Shakespeare Welcome to the contemporary world literature course. In this course you will experience the novels, short stories, poetry, and non-fiction from countries around the world. You will discover that the writers in this course have ideas and lives as interesting as their work. You will discover many writers have unique writing styles, unique ideas, unique lives, and unique approaches to their art. You will also have the chance to do some unique work of your own. By reading contemporary work and some work of the 20th century you will also discover that “no matter what a writer’s origins, certain themes and events have been hard to run away from in the 20th and early 21st centuries.” As you read, it is my hope that you will come to an understanding that, “. . .reading literature from around the world is unlikely to teach you everything there is to know about a culture. But it may help. . .” Along this journey you will use technology, writing, reflection, vocabulary, research, and other academic and personal skills to help you learn to enter the world of your community, your country, and your world. As the poet Gwendolyn Brooks said, “I believe that we should all know each other, we human carriers of so many pleasurable differences. To not know is to doubt, to shrink from, sidestep or destroy.” So begin your own journey through the world, and do this by reading, writing about what you read, and experiencing the work of writers. Prerequisites (Language Arts 9, 10 & 11 or equivalent), Course Length- 18 **Required Novel (not provided by TCC must be provided by Student or School)- The Grapes of Wrath by John Steinbeck, The Alchemist by Paulo Coelho, The Metamorphosis by Franz Kafka, Hamlet by William Shakespeare Student must choose 1 from- 1984 by George Orwell, Wuthering Heights by Emily Bronte, Brave New World by Aldous Huxley, Othello by Julius Lester. One Hundred Years of Solitude by Gabriel Garcia Marquez, A Tale of Two Cities by Charles Dickens, Cry the Beloved Country by Alan Paton, Frankenstein by Mary Shelley**

**Creative Writing A and B** *Course descriptions available upon request*

**Contemporary Novels** *Course description available upon request*

**Language Arts Honors Courses** *Course descriptions available upon request*

## Mathematics

**Algebra 1A** Algebra 1 (semester A) introduces students to the world of Algebra through expressions and equations. Students will evaluate algebraic expressions, solve linear equations and graph them. This course also steers students through various real-world scenarios with the emphasis on using basic statistics to interpret the information given and found. Students learn through online lesson materials, videos and interactive activities. The end of each unit tests students' understanding with a self-check quiz with feedback. Also included is a unit exam and project for students to apply what they have learned. No Prerequisites Course Length 18 Weeks Materials - Graphing Calculator- Free version available online

**Algebra 1B** Algebra 1 (semester B) builds on the concepts learned in the first semester by providing a strong foundation in solving problems. Students will work with problems and applications that involve exponents, quadratic equations, polynomials and factoring methods, rational and radical equations, data analysis and probability. Students will interact with course materials through online lessons, videos, interactive questions and real-world applications. Each unit ends with a self-check quiz to confirm knowledge of the concepts learned. There is also a unit exam and project. No Prerequisites Course Length 18 Weeks Materials - Graphing Calculator- Free version available online

**Algebra 2A** Algebra 2 (semester A) further extends the learner's understanding of major algebra concepts such as expressions, equations, functions, and inequalities. An emphasis will be placed on the use of appropriate functions to model real world situations and solve problems that arise from those situations. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph. Prerequisites Algebra 1 or equivalent Course Length 18 Weeks Materials - Graphing Calculator- Free version available online

**Algebra 2B** Algebra 2 (semester B) builds on the concepts learned in the first semester and prepares the learners with the building blocks needed to dive deeper into trigonometry, pre-calculus and advanced probability and statistics. Prerequisites Algebra 1 or equivalent Course Length 18 Weeks Materials - Graphing Calculator- Free version available online

**Geometry A** Geometry is the study of the measurement of the world. What makes Geometry so engaging is the relationship of figures and measures to each other, and how these relationships can predict results in the world around us. Through practical applications, the student sees how geometric reasoning provides insight into everyday life. The course begins with the tools needed in Geometry. From these foundations, the student explores the measure of line segments, angles, and two-dimensional figures. Students will learn about similarity, triangles and trigonometric ratios. Geometry A consists of six modules. Each module comprises ten lessons for a total of 60 lessons in the course. Prerequisites Algebra 1 or equivalent Course Length 18 Weeks Materials – None

**Geometry B** This course builds on the foundation of the first terms in Geometry. As in previous courses, deductive and inductive reasoning are emphasized, while applying problem-solving techniques to real-world problems. Students explore quadrilaterals and circles, and learn how an object is transformed, as well as how to represent that transformation algebraically and geometrically. Students calculate area and volume of 2-dimensional and 3-dimensional objects. Geometry B consists of six modules. Each module comprises ten lessons for a total of 60 lessons in the course. Prerequisites Algebra 1 or equivalent Course Length 18 Weeks Materials – None

**Integrated Math 1A** In Integrated Math 1, students use arithmetic properties of subsets of integers and rational, irrational and real numbers by simplifying expressions, solving linear equations and inequalities, graphing equations, finding the equation of a line, working with monomials and polynomials, and factoring and completing the square. Students use properties of the number system to judge the validity of results, justifying each step of the procedure to prove or disprove statements. Students compute perimeter, circumference, area, volume and surface area of geometric figures. Students also use basic trigonometric functions defined by the angles of a right triangle. No Prerequisites Course Length 18 Weeks Materials – None

**Integrated Math 1B** In Integrated Math 1, students use arithmetic properties of subsets of integers and rational, irrational and real numbers by simplifying expressions, solving linear equations and inequalities, graphing equations, finding the equation of a line, working with monomials and polynomials, and factoring and completing the square. Students use properties of the number system to judge the validity of results, justifying each step of the procedure to prove or disprove statements. Students compute perimeter, circumference, area, volume and surface area of geometric figures. Students also use basic trigonometric functions defined by the angles of a right triangle. No Prerequisites Course Length 18 Weeks Materials – None

**Integrated Math 2A** Students in Integrated Math 2 will focus on pulling together and applying the accumulation of learning that they have acquired from their previous math courses. They will apply methods from probability and statistics; expand their repertoire of functions to include polynomial, rational, and radical functions; and expand their study of right triangle trigonometry. In addition, they will bring together all of their experience with functions and geometry to create models and solve contextual problems. Prerequisites Integrated Math 1 or equivalent Course Length 18 Weeks Materials – None

**Integrated Math 2B** Students in Integrated Math 2 will focus on pulling together and applying the accumulation of learning that they have acquired from their previous math courses. They will apply methods from probability and statistics; expand their repertoire of functions to include polynomial, rational, and radical functions; and expand their study of right triangle trigonometry. In addition, they will bring together all of their experience with functions and geometry to create models and solve contextual problems. Prerequisites Integrated Math 1 or equivalent Course Length 18 Weeks Materials – None

**Integrated Math 3A** Integrated Math 3 A extends the learner's understanding of major algebra concepts such as expressions, equations, functions, and sequences and series. It also extends the learner's understanding of geometric concepts such as triangles and trigonometric ratios. An emphasis will be placed on the use of appropriate functions to model real world situations and solve problems that arise from those situations. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph. Prerequisites Integrated Math 1 & 2 or equivalent Course Length 18 Weeks Materials – None

**Integrated Math 3B** Integrated Math 3 B continues in learner's studies of algebraic and geometric concepts. This course covers the concepts of probability and statistics, area, volume, conic sections, trigonometric functions, and trigonometric identities. An emphasis will be placed on the use of appropriate functions to model real world situations and solve problems that arise from those situations. Prerequisites Integrated Math 1 & 2 or equivalent Course Length 18 Weeks Materials – None



**Pre-Algebra A** Pre-Algebra A will help students move from the world of simple mathematics to the exciting world of Algebra and Geometry. They will develop skills that will be necessary throughout their life. Students will stretch their thinking by learning to solve real world problems. Learning math and algebra concepts can be fun. Abstract ideas can be challenging for many students but the challenge is one they can meet. Concepts are presented with a little humor, making the learning fun. Students will enjoy learning each new concept and develop a deeper understanding of the math skills they already have. Each concept is presented using examples of the skills, concepts, and strategies students will need. Scaffolding of ideas is provided to ensure student learning. The course is offered in a six-unit format containing 5 lessons each for a total of 30 lessons. Students will study text pages, watch videos, interact with flash presentations, and complete practice problems. The pace is controlled by the student and reviewing the material is encouraged. No Prerequisites Course Length 18 Weeks Materials – None

**Pre-Algebra B** Pre-Algebra B will continue to move students into the exciting world of the unknown, Algebra. Building on what they have learned in mathematics and Pre-Algebra, students will expand their skills. They will be introduced to increasingly abstract concepts. Pre-Algebra B will provide the student with a concrete understanding of the basics for algebraic thinking. With numerous hands on activities and demonstration videos, they will have multiple opportunities to enhance their process solving skills. Students will be given different assessment opportunities to demonstrate mastery of each skill. The course is offered in a six-unit format containing 5 lessons each for a total of 30 lessons. Students will study text pages, watch videos, interact with flash presentations, and complete practice problems. The pace is controlled by the student and reviewing the material is encouraged. No Prerequisites Course Length 18 Weeks Materials – None

**Consumer Math A & B** *Course Descriptions Available upon request*

**Pre-Calculus A & B** *Course Descriptions Available upon request*

**Mathematics Honors** *Course Descriptions Available upon request*

## Science

**Biology A** Biology A introduces students to the scientific method and the major concepts of biology from an historical and practical viewpoint. The three major themes of this course are the cell, the molecular basis of heredity, and the interdependence of organisms. Students who take this class will have a deeper appreciation for the complexities of living organisms. Life on this planet, unlike anywhere else in the observable universe, is complex and highly organized. Whether examining life on the molecular or the planetary level, it exhibits a highly organized structure that inspires awe by its genius and complexity. In the last 50 years, discoveries have launched new branches of biology that have transformed the daily routine, from conception to death. New challenges await, such as the current crisis in ecology, global warming, and the resurgence in viral disease. To make rational choices in the 21st century, the citizen must have a basic understanding of biological concepts and the reasoning behind them. Biology A is presented in a multimedia format using interactive modules, labs, narrated animation, text, and videos to present the study of life on this planet. Students work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit, students complete the unit exam and deliver a unit project. Teacher feedback is provided throughout the course. Prerequisites Algebra 1 Course Length 18 Weeks Materials – None

**Biology B** Biology B is a continuation of the basic course in biology, Biology A. The major concepts covered are population dynamics and evolution. Students explore population dynamics through the study of mutualism, predation, parasitism, and competition. The theory of evolution is presented, along with the many evidences and details that make evolution the backbone of modern biology. From biochemistry to evolution, biology fascinates people. Biochemists first astounded the world by showing that life obeys the same chemical principles as all creation, but that life engineers chemistry to its own needs. Decades later, Darwin shocked the world by suggesting that life evolves according to the conditions of the environment it inhabits. Evolution, often debated and derided, has survived to become a key concept of biology. This second course in biology examines the wonder of life and its mechanisms. Students work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit, students complete the unit exam and deliver a unit project. Teacher feedback is provided throughout the course. Prerequisites Algebra 1 Course Length 18 Weeks Materials – None

**Earth Science A** The first three modules of Semester 1 cover Scientific Inquiry, the Structure and Composition of the Universe, and the Features of the Solar System. Students learn the importance of scientific inquiry and how to communicate the results of scientific investigations. They then have material on the formation of the universe, including the Big Bang Theory, the motions of celestial objects, and stellar evolution. The third module covers material related to the Solar System, including features of the Sun and the planets and the movements of Earth. The second three modules of Semester 1 cover Weather, Climate, and Earth's Water Cycle. Students first learn in Module 4 about the atmosphere and clouds, as well as the factors that influence local and global climate. In Module 5 they continue by learning about weather and air masses, meteorology and storms. Module 6 then discusses the water cycle, including groundwater and ocean features, as well as water scarcity and pollution. Prerequisites Pre-Algebra and Physical Science or equivalent Course Length 18 Weeks **Materials (not provided by TCC must be provided by Student or School)- Uninflated round balloon, Permanent marker, 50 small candies that have letters on one side of them (like M&Ms or Skittles), A small zipper seal plastic bag, Two kitchen mixing bowls, Ice cubes, Water, A permanent marker, A block of wood, A pair of pliers, A pair of needle-nose tweezers, A slotted spoon, A drinking straw, Sunflower seeds in the shell, Colored water, A long narrow vase, Rice grains, Small block of, Styrofoam, 3 or 4 large marshmallows, A teaspoon of herbs (any kind will do, like basil or parsley)**

**Earth Science B** The first three modules of Semester 2 cover the physical structure of the Earth and Earth's tectonic system, including the rock cycle, tectonic activity, and mountain building. It then covers weathering and erosion and soil formation. The next material in the course then addresses the concept of systems; it addresses the Earth as a system, feedback in systems, and Earth's major nutrient cycles. The second three modules of Semester 2 cover geologic history, including the evolution of Earth's atmosphere, the geologic time scale, and the fossil record. It then goes over natural resources and the effects of human population on natural resources. The course wraps up with a discussion of human society and its interconnectedness with the Earth's environment, how science and technology work together, and the technological design process in earth science applications. Prerequisites Pre-Algebra and Physical Science or equivalent Course Length 18 Weeks **Materials (not provided by TCC must be provided by Student or School)- Uninflated round balloon, Permanent marker, 50 small candies that have letters on one side of them (like M&Ms or Skittles), A small zipper seal plastic bag, Two kitchen mixing bowls, Ice cubes, Water, A permanent marker, A block of wood, A pair of pliers, A pair of needle-nose tweezers, A slotted spoon, A drinking straw, Sunflower seeds in the shell, Colored water, A long narrow vase, Rice grains, Small block of, Styrofoam, 3 or 4 large marshmallows, A teaspoon of herbs (any kind will do, like basil or parsley)**

**Physical Science A & B** *Course Descriptions Available upon request (extensive lab material requirement)*

**Physics A & B** *Course Descriptions Available upon request*

**Renewable Energy** *Course Description Available upon request*

**Space Exploration** *Course Description Available upon request*

**Marine Science** *Course Description Available upon request*

**Paleontology** *Course Description Available upon request*

**Science Honors** *Course Descriptions Available upon request*

## Social Studies

**American Government** This course will guide students through an in-depth study of the history, structure, and guiding principles of American government. The first unit will review the origins of government in general and American government in particular—from the earliest models for democracy to the founding documents that created a federalist system of government in the U.S. Several units will help students explore the roles and responsibilities of each branch of government as well as the impact that the Constitution has had and continues to have on the way government works and on the lives of individual Americans. The course's final unit will guide students through a series of projects that require them to apply what they have learned about American government to an issue that interests them. No Prerequisites Course Length 18 Weeks Materials – None

**American History A** This course covers the discovery, development, and growth of the United States. Major topics include; American Indian cultures, European colonization of the Americas, and the causes and effects of the American Revolution. Geographical, economic, and political factors are explored as the key factors in the growth of the United States of America. American History I is a survey of the struggle to build the United States of America from the colonial period to the beginning of the twentieth century. By means of reading, analyzing, and applying historical data, students come to appreciate the forces that shaped our history and character as an American people. Not only are the topics of American history discussed, but students also explore research methods and determine accurate sources of data from the past. Knowing the facts and dates of history are just the beginning; each student must understand how history affects him or her. Prerequisites World History or equivalent Course Length 18 Weeks Materials – None

**American History B** American History B begins with a study of American life before the 1929 Stock Market crash and how the Roaring Twenties influenced society in the late 19th through early 20th centuries. Students will examine the causes and consequences of the Great Depression and move on into a detailed study of World War II with an emphasis on America's role in the conflict. The course continues with an analysis of the Cold War struggle and America's rise as a superpower. The Civil Rights and Women's rights movements, pollution and the environment, and American domestic and foreign policy will be examined. The course wraps up with a summary of current events and issues, including a study of the Middle East. This course begins with an assessment of life in United States pre-World War I and ends with the conflicts of the new millennium. Students look at the nation in terms of economic, social, and political trends. The experiences of the last century are summarized, including a look into the civil rights issues that have embroiled the nation in conflict. The development of the United States of America into a superpower is explored within a global context. Prerequisites World History or equivalent Course Length 18 Weeks Materials – None

**Civics** In this course students will understand the significance of government, law, and politics. They will examine the United States foundational documents and how they shaped the United States government. Students will examine the purposes and functions of federal, state and local government, the justice system, political systems the environment, and the economy. Learners will evaluate their role and civic responsibility to their families, communities, and country including voting and being a productive member of society. Students will get to know leaders and influential people that have championed many causes including civil rights and the environment. Learners will also learn proper ways to interact in society including interpersonal skills and respecting differences in others including disabilities. Learners will follow a step-by-step approach for successfully completing each lesson, which includes textbook reading, interactive activities, supplemental reading, lecture, video clips, and Power Point presentations to enhance and reinforce learning. Learners receive frequent feedback from teacher and peers through discussions. By the end of the course students will have a deep understanding of their civic responsibilities as well as the difference one individual can make in society. No Prerequisites Course Length 18 Weeks Materials – None

**Economics** This course introduces the principles and the applications of economics in everyday life. Students develop an understanding of limited resources, and compare it with unlimited wants and needs. Students learn how individual and national economic decisions are made to allocate goods and services among competing users. Students apply economic principles to think and problem solve. The study of Economics uses the view of economic institutions and policies to explore the history, organization, and functions of the U.S. government in controlling our economy. It offers students learning opportunities that build one on another. A goal of the course is for the student to develop the critical skills of analysis, synthesis, and evaluation in a demanding and thoughtful academic setting. Students are encouraged to use their knowledge of the policies and institutions of economics to develop their own views on current economic and monetary issues. They are taught how to apply what they have learned into personal financial activities. The course looks closely at the economic knowledge and values of the country and gives students a look into the problems faced by presidents, and congressional representatives. It also covers the roles of political activists, political parties, interest groups, and the media in shaping the U. S. economy. The Supreme Court is presented as the voice of reason in the balance of powers. Students are encouraged to perform at higher levels as they are presented with historical documents and additional readings, work with a set of facts arranged by theme, become skillful in note-taking, and join in student discussions. Students develop and demonstrate their writing skills by preparing extended research-based papers. No Prerequisites Course Length 18 Weeks Materials – None

**World Geography A** The student will be taught to use the basic skills of map reading and development, geographic technology, and the recognition of geographic themes to make sense of the world. The course examines world regions including the nations, people, and cultures of the Americas and Western Europe. No Prerequisites Course Length 18 Weeks Materials – None

**World Geography B** This second-semester course continues to teach the basic skills of map reading and development, the use of geographic technology, and the recognition of geographic themes. The focus examines the world regions, including the nations, people, and cultures of Central Europe and Northern Eurasia, Central and Southwest Asia, South Asia, Africa, East Asia, and the Pacific. No Prerequisites Course Length 18 Weeks Materials – None

**World History A** World History begins with a focus on the skills needed to read, understand, and analyze history, also demonstrating how historians and social scientists arrive at their conclusions about human history. Semester A covers the history of civilization from hunter-gatherer societies through the characteristics of the earliest civilizations to the Enlightenment period in Western Europe. The second half of Semester A explores early intellectual, spiritual, and political movements and their impact on interactions among world cultures. No Prerequisites Course Length 18 Weeks

**World History B** Semester B applies the reading and analytical strategies introduced in Semester A to the events and movements that created the modern world. In the second semester, World History emphasizes the effects of the Industrial Revolution and changing attitudes about science and religion as well as the impact of European colonization. Students are encouraged to make connections between World War I and II and events related to the Cold War and between 19th-century imperialism and modern independence movements. No Prerequisites Course Length 18 Weeks

**Social Studies Honors**

*Course Descriptions Available upon request*

## **Electives**

### **Foreign Languages**

*Course Descriptions Available upon request*

*Examples include – German, French, Spanish*

### **Health and PE**

*Course Descriptions Available upon request*

*Examples include – Health, Nutrition*

### **Career/Practical Arts Electives**

*Course Descriptions Available upon request*

*Examples include – Accounting, Arts Careers, Business Law, Career Planning, Computer Basics, Financial Literacy, etc...*

### **Fine Art Electives**

*Course Descriptions Available upon request*

*Examples Include – Art History, Art Appreciation, Music Appreciation*

For more information about the Accelerate Education Learning System visit [accelerate.education](http://accelerate.education). In addition to other information, you can learn more about the course curriculum and how the courses align to education standards.

## **Embedded Classes at PBTCC**

- Offered to students from our consortium high schools who are enrolled in a PBTCC program
- During first two weeks of a semester a counselor can submit an “Accelerate Education Embedded Course Agreement” to enroll a student in a class
- Home school counselor/principal should insure an instructor certified to teach the students chosen subject is the “Coordinating Instructor” of record on the agreement
- Counselor will receive periodic updates as to the student’s progress. Upon completion of course, counselor will receive documentation of student’s performance on practice lessons and final test scores.
- Sending school counselor/principal determines how the final course grade will be transcribed on the student’s transcript based on their school policies for these types of courses.