



Central Oregon Community College  
Adult Basic Skills/College Prep Program  
**HIGH SCHOOL PROGRAMS COURSE LIST**  
Updated May 2012

All courses in COCC's high school programs are offered online with an online instructor.

## **ENGLISH**

### Short Stories

This half-credit course guides the student through the elements of the short story. The 17 short stories are grouped according to themes such as detective stories, suspense, science fiction, "Boy Meets Girl," courage, loneliness, and relationships between the generations--the "Generation Gap." The authors of these stories include Agatha Christie, Shirley Jackson, Robert Louis Stevenson, Arthur C. Clarke, Isaac Asimov, O. Henry, Katherine Mansfield, Jack London, and Eudora Welty. Graded coursework includes writing assignments and tests for each of the 17 stories.

### Elements of Fiction

This half-credit course uses chapters from classic novels to provide in-depth study of the basic elements of literature. Each of the 12 units focuses on one of the following elements of literature: setting, point of view, characterization, conflict, plot development, figurative language, tone and mood, symbolism, humor and satire, allegory, theme, and discussion of literature (review of all elements). The chapters included in the units are taken from the following novels: *Ragtime*, *Roots*, *Wuthering Heights*, *The Chosen*, *Great Expectations*, *An American Tragedy*, *Babbitt*, *The Heart Is a Lonely Hunter*, *Lord of the Flies*, *Catch-22*, *Animal Farm*, *The Adventures of Huckleberry Finn*, and *The Grapes of Wrath*. Graded coursework includes assignments and tests for each of the 12 units.

### Novel Study

This half-credit course is available to students who have successfully completed Elements of Fiction. The student selects two of the novels covered in Elements of Fiction to read in their entirety. Then, the student writes a detailed analysis of each, based on the elements of literature covered in Elements of Fiction and including specific details from the novel to support the analysis. This course is for students with strong writing skills. The student's grade is based on the scores of the two papers.

### Introduction to Writing

This half-credit course provides practice in a variety of basics skills of the writing process from writing sentences through writing different kinds of paragraphs. Over half of the course covers common errors in writing including sentence fragments, run-on sentences, subject-verb agreement, verb forms, voice, tense, point of view, punctuation, capitalization, and spelling. Graded coursework includes practice exercises, unit writing assignments, and unit tests.

Writing Essays

This half-credit course focuses on how to write a variety of types of paragraphs and essays. Topics about writing paragraphs include topic sentences, adding details, sticking to the point, narrating, describing, illustrating, explaining a process, defining a term, classifying, comparing and contrasting, and arguing. Topics about essay writing include the thesis statement, organizing the essay; revising, editing and proofreading; and writing a variety of types of essays. Graded activities include practice exercises, unit tests, and unit writing assignments.

Writing the Research Paper

In this half-credit course, the student works through all of the steps involved in writing a 2,500-word research paper: choosing a topic, conducting research (including locating a variety of sources, writing bibliography cards, and writing note cards), writing an outline, writing and revising a rough draft, writing parenthetical references, and writing the final paper. Graded assignments include textbook exercises and all steps of the research and writing process.

**MATH (limited availability-upon instructor approval only)**Algebra I, Part 1

This half-credit course includes the following chapters: Exploring Expressions, Equations, and Functions; Exploring Rational Numbers; Solving Linear Equations; Graphing Relations and Functions; Analyzing Linear Equations and Graphing; Solving Linear Equations; and Solving Systems of Linear Equations and Inequalities. Graded coursework includes lesson quizzes, seven chapter tests, and a final exam.

Algebra I, Part 2

This half-credit course includes the following chapters: Using Proportional Reasoning, Exploring Polynomials, Using Factoring, Exploring Quadratic and Exponential Functions, Exploring Rational Expressions and Equations, and Exploring Radical Expressions and Equations. Graded coursework includes lesson quizzes, six chapter tests, and a final exam.

Applied Math, Part 1

This half-credit course is designed to help students develop thinking skills and problem solving techniques to enable them to apply math skills to real-world situations. Topics include calculating perimeters, estimating costs, comparing decimals, writing equivalent equations, calculating measures of various angles, identifying points on coordinate graphs, rounding and estimating, measuring area and volume, using formulas to compute total cost and distance, solving multi-step problems, evaluating expressions involving squares and square roots, using the Pythagorean theorem, calculating measures (circumference, diameter, and area) of circles, and writing numbers in scientific notation. Graded coursework includes lesson exercises, 14 lesson quizzes, 12 problem solving tasks (based on the CIM open-ended math assessments and scored according to the ODE's official scoring guide), a real-world math project, and a final exam.

Applied Math, Part 2

This half-credit course continues the skills started in Part I to help students apply math skills to real-world situations. Topics include using fractions and decimals, using ratios to solve several types of problems, using proportions to solve problems and to compare prices, solving percent equations, computing simple interest, computing and finding the rates of increase and decrease, finding slopes, graphing equations, collecting and organizing data, presenting and interpreting information for data analysis, organizing and graphing data, and predicting results based on probability. Graded coursework includes lesson exercises, 13 lesson quizzes, 11 problem solving tasks (based on CIM open-ended math assessments and scored according to the ODE's official scoring guide), a statistical study project, and a final exam.

Pre-Algebra 1

This half-credit course covers whole numbers, fractions, decimals, ratios and proportions, percent, and measurement. Graded coursework includes section quizzes, chapter tests, and a final exam.

Pre-Algebra 2

This half-credit course covers geometry, statistics, signed numbers, and an introduction to algebra. Graded coursework includes section quizzes, chapter tests, and a final exam.

**SCIENCE**Introduction to Botany

This half-credit course in Life Science covers plant topics including growth of cells, seeds, roots, and shoots; organization of stems, roots, and leaves; adaptations for protection and to fulfill basic needs; functions related to growth and development; osmosis, transpiration, and photosynthesis; flowers and fruits; and heredity in plants. Graded coursework includes 10 chapter assignments and quizzes, and a scientific inquiry project related to botany.

General Science – (currently not available)

This 1.0 credit course introduces the learner to topics in life, earth, space, and physical science. Sample lesson topics include The Cell, Life Processes, Genetics, Animal Life, Plant Life, Matter, The Periodic Table, Chemical Reactions, Energy, Earth and Space, Weather, Dynamic Earth, Rocks and Minerals, Humans, Microbes and Diseases, Nonmetals, Metals, Motion, Force, Waves, and Electricity. Graded coursework includes 6 quizzes, 6 unit tests, and 6 projects.

## SOCIAL STUDIES

### U. S. History 1

This half-credit course includes the following topics in United States history from the first Americans through World War I (1920): Colonizing America, American Revolution, Creating a Constitution, Federalists and Republicans, Growth and Division, Reform, Manifest Destiny, Sectional Conflicts, The Civil War, Reconstruction, Settling the West, Industrialization, Urban America, Becoming a World Power, the Progressive Movement, World War I and Its Aftermath. Graded coursework for each of the 16 chapters includes timelines, review questions, a project, and a test.

### U. S. History 2

This half-credit course includes the following topics in United States history from 1921 to the present: The Jazz Age, The Great Depression, Roosevelt and The New Deal, A World in Flames, World War II, The Cold War, Postwar America, The New Frontier and the Great Society, The Civil Rights Movement, The Vietnam War, The Politics of Protest, Politics and Economics, Resurgence of Conservatism, A Time of Change, A New Century (2001-present). Graded coursework for each of the 15 chapters includes timelines, review questions, a project, and a test.

### Global Studies 1

This half-credit course covers the following topics (Pre-history-1800): The First Humans, Western Asia and Egypt, India and China, Ancient Greece, Rome and the Rise of Christianity, The World of Islam, Early African Civilizations, The Asian World, Emerging Europe and the Byzantine Empire, Europe in the Middle Ages, The Americas, Renaissance and Reformation, Age of Exploration, Crisis and Absolutism in Europe, The Muslim Empires, and The East Asian World. Graded coursework includes 16 chapter assignments and projects dealing with geography, anthropology, and history, and 16 chapter tests.

### Global Studies 2

This half-credit course covers the following topics (1550-Present): Revolution and Enlightenment, the French Revolution and Napoleon, Industrialization and Nationalism, Mass Society and Democracy, The Height of Imperialism, East Asia Under Challenge, War and Revolution, the West Between the Wars, Nationalism Around the World, World War II, Cold War and Post War Changes, the Contemporary Western World, Latin America, Africa and the Middle East, Asia and the Pacific, Changing Global Patterns. Graded coursework includes 16 chapter assignments dealing with geography, anthropology, and history, and 16 chapter tests.

### U. S. Government – (1.0 or .5 credit options)

This **one-credit** course covers the history and structure of the U. S. government system as well as the citizen's role in government through the following 22 chapters: The American People, Roots of American Democracy, The Constitution, The Bill of Rights, Citizenship and Government in a Democracy, The Legislative Branch, The Executive

Branch, The Judicial Branch, Political Parties and Politics, Voting and Elections, Influencing Government, State Government, Local Government, Dealing with Community Issues, Legal Rights and Responsibilities, Civil and Criminal Law, Citizenship and the Internet, What is Economics, Government and the Economy, Money and Banking, Government Finances, Comparing Economic Systems, and An Interdependent World. In addition to the *Civics* textbook, chapter assignments use relevant sections of the current *Oregon Blue Book* for state and local government topics. Graded coursework includes 22 chapter assignments, projects, and tests.

The **0.5-credit** course option covers the following 17 chapters from the one-credit course: The American People, Roots of American Democracy, The Constitution, The Bill of Rights, Citizenship and Government in a Democracy, The Legislative Branch, The Executive Branch, The Judicial Branch, Political Parties and Politics, Voting and Elections, Influencing Government, State Government, Local Government, Dealing with Community Issues, Legal Rights and Responsibilities, Government Finances, An Interdependent World. In addition to the *Civics* textbook, chapter assignments use relevant sections of the current *Oregon Blue Book* for state and local government topics. Graded coursework includes 17 chapter assignments, projects, and tests.

### Economics

This half-credit course covers the following chapters dealing with economics: What Is Economics?, The American Economy, Personal Finance and Economics, Demand and Supply, Business and Labor, Government and the Economy, Money and Banking, Government Finances, and Comparing Economic Systems. Graded coursework includes 9 chapter assignments, projects, and tests.

## **WORKPLACE AND LIFE SKILLS**

### Computer Technology

This one-credit course is required in the Adult High School Diploma program at COCC. It is graded pass/fail. To pass this course, the student must demonstrate proficiency in basic computer skills including using Microsoft Excel, Word, and PowerPoint; accessing the Internet and using web browsers; and using a student COCC email account. The student will write an I-Search paper using Internet sources to investigate an issue related to technology and complete a Fair Use and Copyright assignment. The student must pass all activities to pass the course.

### Career Education

This half-credit course covers the following subject areas: The Career Development Process; Identifying Your Values, Skills, and Strengths; Getting to Know the Job Market; Workplace Behaviors; Decision Making; Goal Setting and Planning; Completing a Job Application; Writing a Resume; Cover Letters and Other Business Correspondence; Interviewing; Workplace Systems and Culture; and Teams and Teamwork. Graded coursework includes 12 chapter assignments.

### Group Dynamics

This half-credit course is required in the Adult High School Diploma program at COCC and covers the current Oregon high school diploma requirements: Education Plan and Profile, Career-Related Learning Experiences, and Extended Application/Portfolio. It is graded pass/fail. In this course, the student completes activities involving personal management, problem solving, teamwork, communication, employment foundations, and career development. All activities are graded pass/fail. The student must pass all activities to pass the course.

### Health 1

This half-credit course covers the following health areas: Understanding Health and Wellness, Taking Charge of Your Health, Achieving Mental and Emotional Health, Managing Stress and Coping with Loss, Mental and Emotional Problems, Skills for Healthy Relationships, Family Relationships, Peer Relationships, Resolving Conflicts and Preventing Violence, Nutrition for Health, Managing Weight and Eating Behaviors, Physical Activity and Fitness, Personal Health Care, Skeletal, Muscular, and Nervous Systems, Cardiovascular, Respiratory, and Digestive Systems, and Endocrine and Reproductive Health. Graded coursework includes 16 chapter assignments and tests.

### Health 2

This half-credit course covers the following health areas: Endocrine and Reproductive Health, The Beginning of the Life Cycle, The Life Cycle Continues, Medicines and Drugs, Tobacco, Alcohol, Illegal Drugs, Communicable Diseases, Sexually Transmitted Diseases and HIV/AIDS, Noncommunicable Diseases and Disabilities, Safety and Injury Prevention, First Aid and Emergencies, Community and Environmental Health. Graded coursework includes 13 chapter assignments and tests.

### Personal Finance

This half-credit course covers the following chapters dealing with personal finance: Consumer Powers and Protections, Consumer Management Skills, Responsible Choices, Career Decisions, Income and Taxes, Financial Planning, Banking, Consumer Credit, Savings, Investments, Insurance, Persuasion in the Marketplace, and Shopping Skills. Graded coursework includes 13 chapter assignments and tests.

### Physical Education/Independent Study (.5 and 1.0 options)

The **half-credit** option covers the study of physical education as the student applies it to a variety of motor skills and movement concepts, a physically active lifestyle, and evaluating, improving and maintaining a healthy fitness level for a lifetime. This course includes 7 research/writing assignments and a completed and verified activity log.

The **one-credit** option covers the study of physical education as the student applies it to a variety of motor skills and movement concepts, a physically active lifestyle, and evaluating, improving and maintaining a healthy fitness level for a lifetime. Additionally, students explore rules and strategies for a variety of physical activities, and appropriate self-management and positive social behaviors during physical activity. This

course includes 11 research/writing assignments and a completed and verified activity log.

Study Skills- (currently not available)

This half-credit course covers the following chapters of study and life skills: First Steps, Time Management, Memory Techniques, Reading Techniques, Note Taking, Test Preparation and Test Taking, Diversity, Critical Thinking Skills, Relationships, Health, and Next Steps and Career Planning. Graded coursework includes 12 chapter assignments and tests and "Learning Styles Applications" where the student applies information from each chapter using a variety of learning styles.