



SOMERSET INTERNATIONAL COURSE CATALOG

The Mission of Somerset International (SI) is to provide high-achieving international students the opportunity to earn a U.S. high school diploma while simultaneously completing their home country's traditional secondary school credential, e.g., Spain's Bachillerato. SI is committed to fostering the development of self-directed and responsible 21st century life-long learners through the thoughtful use of interactive, media-rich educational opportunities in flexible, student-centered, virtual learning environments.

Somerset International provides the following services and benefits to its students:

ACCESS: Access to an extremely diverse, fully-accredited course catalog. Our courses are aligned to both state and national standards.

INNOVATION: The possibility for student enrichment in a rich and engaging virtual classroom provided by a student-friendly Learning Management System (LMS). The LMS also gives teachers flexibility to enhance course content and adapt requirements and objectives to directly meet individual student needs when needed.

RESPONSIVENESS: Facilitation and feedback will be provided by highly experienced faculty members, who hold valid Florida teaching certificates and have taught at least one semester in an Academics-served school. Our teachers are professionally trained in online education best practices, and will communicate and collaborate with students adhering to our high standards for faculty responsiveness.

MENTORSHIP: Students will be closely monitored by teachers and administrators to ensure achievement and success, including a cohesive communications plan that alerts students and parents about progress and pacing...so any potential problems or struggles are solved before they become major issues.

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- Somerset
International Dual Degree Program

Credits Required for Graduation: 24

Subject Area	Credits
Native Language and Literature	4
English	4
Social Studies	4
Mathematics (Algebra 1 level and above)	4
Science (2 must have a laboratory component)	3
Electives	3
Fine Arts or Performing Arts	1
Physical Education/Health	1

Course of Study: A minimum of 6 of the 24 graduation requirements must be taken at Somerset International. All students must take the 4 Required Courses: English 1, English 2, American History and Global Studies. Students will take 2 credits from the Electives.

Electives – Students will take a minimum of 2 credits	Credits	Prerequisites/Explanatory Notes
World Literature	1	Successful Completion of English 2
American Literature	1	Successful Completion of English 2

British Literature	1	Successful Completion of English 2
Earth and Space Science	1	Successful Completion of English 1
Biology	1	Successful Completion of English 1
Marine Science	1	Successful Completion of English 1
Health Opportunities in Physical Education	1	None
Psychology 1	0.5	Successful Completion of English 1
American Government	0.5	Successful Completion of English 1
Economics	0.5	Successful Completion of English 1
Reading for College Success	0.5	Successful Completion of English 1
SAT Prep	0.5	Successful Completion of English 1
Thinking and Learning Strategies	0.5	Successful Completion of English 1

Sample Student Program Models

Students Starting Year 3 of ESO

3rd Year of ESO: English 1 4th

Year of ESO: English 2

1st Year of Bachillerato: English Literature and American History

2nd Year of Bachillerato: Global Studies and Elective

Students Starting Year 4 of ESO

4th Year of ESO: English 1 and Elective

1st Year of Bachillerato: English 2 and American History

2nd Year of Bachillerato: English Literature and Global Studies

Students Starting Year 1 of Bachillerato

1st Year of Bachillerato: English 1, American History, and Elective

2nd Year of Bachillerato: English 2, Global Studies, and Elective

Course Descriptions

English and Literature

English 1

In this class you are going to participate in a series of online tutorials, state-of-the-art learning modules, oral examinations, and creative projects. You will become more knowledgeable about everyday English vocabulary and grammar and highly proficient in practical conversation and day-to-day interaction. You will acquire a variety of skills related to both comprehension and communication in everyday English.

Prerequisites: None. Credits 1.0

Major Themes Covered:

Segment 1

- Students will be able to demonstrate, orally and in writing, a clear understanding of everyday English grammar.
- Students will learn strategies for clear and articulate pronunciation of English vocabulary.
- Students will learn how to successfully converse in diverse English-language settings and environments.
- Students will acquire a variety of skills related to both comprehension and communication in everyday English.
- Students will master the following grammatical structures: the verb to be, pronoun and noun forms, possessive forms, the simple present tense and the present continuous tense.
- Students will master vocabulary related to the following themes: greetings and introductions, family and friends, describing your home, things we can/can't do, exchanging information, how much/how many, describing daily routines, and what's happening.

Segment 2

- Students will continue to learn strategies for clear and articulate pronunciation of English vocabulary.
- Students will master the following grammatical structures: the simple past tense, the present perfect tense, adverbs, modals, and future forms.
- Students will master vocabulary related to the following themes: greetings and introductions, talking about the past, talking about the future, things we have done, routines and actions, past experiences, let's trade apartments, and comparing people and things.
- Students will complete numerous creative projects throughout the course where they will be required to apply the knowledge of the English language that they are acquiring and demonstrate proficiency in both written and oral form.

English 2

In this class you will continue to participate in a series of online tutorials, state-of-the-art learning modules, oral examinations, and creative projects. You will continue to improve your everyday English vocabulary and grammar skills as well as become proficient in more formal settings such as job interviews and relocation.

Prerequisites: Successful completion of English 1. Credits 1.0

Major Themes Covered:

Segment 1 • Students will continue to learn strategies for clear and articulate pronunciation of English vocabulary as well as develop skills necessary for communication in more formal settings.

- Students will review all grammatical structures from English 1.
- Students will learn how to successfully converse in diverse English-language settings and environments.
- Students will acquire a variety of skills related to both comprehension and communication in everyday English.
- Students will master the following grammatical structures: past continuous, past perfect, conditionals, the passive, reported speech and relative clauses.
- Students will master vocabulary related to the following themes: giving and getting instructions, comparing people and things, past and present, describing past experiences, personal history, plans/ promises/predictions, travel, what if, and hopes and regrets, what did they say, on vacation.

Segment 2 • Students will continue to learn strategies for clear and articulate pronunciation of English vocabulary as well as develop skills necessary for communication in more formal settings.

- Students will review the grammatical structures taught in Segment 1.
- Students will master vocabulary related to the following themes: finding a place to live, getting settled in a new office, organizing services, making new friends, settling in a university, doing errands, going shopping, traveling around the city, handling emergencies, eating out, leisure time activities, and holidays.
- Students will complete numerous creative projects throughout the course where they will be required to apply the knowledge of the English language that they are acquiring and demonstrate proficiency in both written and oral form.

World Literature

The purpose of this course is to give you the tools to see and hear with real understanding, and to communicate with real conviction. Great books, short stories, poems and plays from authors around the world convey messages and feelings that make them great.

Prerequisites: Successful completion of English 2. Credits 1.0

Major Themes Covered:

Segment 1

- Grammar/Syntax Concepts: Personal Pronoun, Quotation Marks, Slang, Tone
- Literary Terms: Antagonist, Author, Book Hook, Characterization, Climax, Conflict, Dynamic Character, Epilogue, Flashback, Flat Character, Foreshadowing, Irony, Minor Character, Mood, Narrator, Novel Review (Honors), Personification, Plot, Point Of View, Preface, Protagonist, Round Character, Setting, Short Story, Static Character, Subplot, Symbolism, Theme
- Organizational Skills: Clustering, Listing, Mapping, Outline, Pro-Con Chart, Self Evaluation, Timeline, Webbing
- Types of Sentences/Writing: Declarative Sentence, Exclamatory Sentence, Expository Writing, Free writing, "I" Composition, Imperative Sentence, Interrogative Sentence, Interview, Persuasive Writing
- Writing Process: Body Paragraph, Brainstorming, Cliché, Clincher Sentence, Conclusion, Contraction, Direct Quotation, Editing, Introduction, Keying, Lead-in Sentence, Lead-out Sentence, Main Idea, Peer Review, Prewriting, Proofreading, Punctuation, Revision, Sensory Language (Honors), Sentence variety, Summary, Supporting Details, Thesis Statement, Topic, Transition Words

Segment 2

- Persuasive Techniques: advertisement, bandwagon, connotation (Honors), glittering generalities, name-calling, plain folks, propaganda, slogan, suspension of disbelief, testimonial, transfer
- Literary Terms
- Organizational Skills: brainstorm
- Real-World Application: culture, data collection, directorial suggestions, driving directions, media
- Test Taking Terms: cause and effect, sequence of events
- Types of Writing: advice column, announcement, autobiography, ballad, biography, book review, brochure, columnist (honors), consumer complaint, contract, creative writing, descriptive writing, diary, editorial, employment application, essay, evaluation, film review, interview, introduction, invitation, itinerary, journal, legal will, letter, menu, music review, newsletter, nonfiction, obituary, oral presentation, organizational chart/model, paraphrase American Literature

In this course, you will gain an appreciation of American literature and the ways it reflects the times in which it was written. You will discover how people thought and lived and wrote about their experiences.

Prerequisites: Successful completion of English 2. Credits 1.0

Major Themes Covered:

Segment 1

- Age of Discovery (Explorers, Native Americans)
- Settling of early America
- Analyzing Puritan Literature
- Declaration of Independence
- American Revolution
- Constitutional Convention
- Slavery (Slave Narratives)
- Romanticism
- Transcendentalism
- Civil War
- Journal and Poetry Writing
- Declaration Writing
- Letter Writing
- Analyzing Communication

Segment 2

- Realism
- Naturalism
- Local Color
- Muckraking
- Social Darwinism
- Determinism
- Cowboys of the Old West
- World War I
- The Great Depression
- Harlem Renaissance
- Civil Rights
- Multi-culturalism
- Vietnam War
- Science Fiction
- Analyzing Writing Styles
- Essay Writing
- Research Writing
- Speech Writing

- Analyzing Poetry and Music

British Literature

You will be guided through a series of British literary pieces that allow you to analyze the political, social, economic, and cultural messages of its time as well as its relevance to the world you live in today.

Prerequisites: Successful completion of English 2. Credits 1.0

Major Themes Covered:

Segment 1

- Reading Selections: Beowulf, "Gawain and the Green Knight," "The Demon Lover," "Barbara Allen," "Lord Randall," "The Kraken," "Frankenstein (Honors only)"
- Introduction to the Middle Ages and Old English
- Study of five Layers of characterization in Beowulf
- Analysis of plot and theme within a story
- Comparison of poems with modern music
- Monstrous behavior in humans and the study of "Lord Randall"
- Cross connections between genres: The common theme
- Study of alliteration, imagery and rhyme
- Research and Writing process
- Writing of business letter, Public Service Announcement, or travel plan
- Exploration of religious pilgrimages
- Discussion on church of Old England and the sale of indulgences
- Study of gender roles in early English society
- Study of The Wife of Bath and how she fit into Medieval gender role
- Study of hyperbole, imagery, sarcasm
- Study of language/dialect and the judgments that goes with them
- Writing a formal cover letter
- Plot sequencing and manipulation in Pygmalion
- Study of dramatic irony

Segment 2

- Comedies vs. tragedies
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- Shakespeare's plays
- Comedic Devices (double entendre, malapropisms, etc.)
- Plot, setting and theme
- Family dynamics of Elizabethan England and modern world
- Love at first sight as a theme in Shakespearean works
- Exploration of social classes and evolving gender roles in Elizabethan England
- Background of Andrew Marvell
- Changes in the English language from 1500s to 1600s
- Poetic devices, Types of poetry
- Chronological order in plot/sequence of events, Cause and effect
- Libel and Slander
- Background on Homer and epic poetry
- Connotative and Denotative words
- Write compare/contrast piece
- Reading Selections: Macbeth, "The Second Coming" and "The Tyger"
- Powerful leaders in history, Powerful leaders in Shakespeare's plays
- Characterization study using Lady Macbeth
- Analytical response to relationship dynamics between Lady Macbeth and Macbeth
- Study of theme, predictions, foreshadowing
- Research historical figures in society (tyrants vs. good leaders)
- Study of poetic structure, Study of allusion, imagery, personification, and other poetic devices
- Steps for persuasive writing, Research process, Choosing reliable sources

Natural Sciences

Earth and Space Science

This is a laboratory course focusing on the study of space, and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, cryosphere, atmosphere and the carbon cycle.

Prerequisites: Successful completion of English 1. Credits 1.0

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Major Concepts Covered:

Segment 1

- The Nature of Science
- General characteristics of the Atmosphere
- Factors influencing weather and climate
- Severe Storms; Lightning
- Oceans
- Hydrology
- Math Concepts Segment 2

- Plate Tectonics
- Geology
- Energy
- Time
- Geologic Time

Origins of the Universe

Our Solar System

Sun/Earth Relationships

Math Concepts

Biology

This course provides an in depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. The students will be introduced to the structure, function, diversity, and evolution of living matter.

Prerequisites: Successful completion of English 1. Credits 1.0

Major Concepts Covered:

Segment 1

- Nature of Science and Biology
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- Scientific and Experimental Method
- Measurement, SI System and Metric Measurement
- Reading Graphs, Diagrams, and Data Analysis and Reporting
- Ecology and Environmental Principles
- Environmental Organization and Organism Relationships
- Cycles in nature
- Greenhouse Effect
- Population and Community Dynamics
- Influence of Man on the Environment
- Introduction to and History of microscope
- Discovery of cells
- Cell Theory
- Prokaryote and Eukaryote cells
- Comparison of plant and animal cells
- Structure of cell membrane
- Cellular Processes, Cancer
- History of Genetics, Principles of Genetics and Heredity
- Cell Division and Meiosis (honors)
- Relate asexual reproduction to mitosis, Cell Cycle
- Discovery of DNA and its role in genetics and heredity
- Transcription/Translation (Honors)
- Mutations

Segment 2

- What are fossils, Uses of fossils, Make a fossil
- Microevolution and macroevolution • Taxonomy
- Need for organization, Scientific naming Classification of viruses
- How, when and why we use immunizations
- Introduction to the kingdoms of life
- Taxonomy of bacteria and Reproduction in bacteria

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Viruses vs. bacteria
Taxonomy of protists
General characteristics of protists, Helpful and harmful protists
Taxonomy of Fungi
General characteristics of fungi, Helpful and harmful fungi

Taxonomy of plants

Vascular tissue of plants, Adaptations of plants

Structure and function in plants, Importance of plants

- Plant reproduction, pollination
- Fruits, seeds, seed dispersal
- Photosynthesis and cellular respiration
- Plants tropisms
- Taxonomy of animals
- Characteristics of invertebrates
- Characteristics and adaptations of fish, amphibians, reptiles, birds and mammals

Marine Science

In this course, you will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems and ongoing changes occurring everyday in our precious ecosystems. You will explore how much our oceans and lakes affect climate, weather, and seasonal variations. You will have the opportunity to explore the relationships among living organisms and see how they are affected by our oceans currents, tides, and waves.

Prerequisites: Successful completion of English 1 and Biology. Credits 1.0

Major Concepts Covered:

Segment 1

- Scientific Method
- Writing a Hypothesis
- Designing an Experiment
- Properties of Water
- Science of Navigation
- Ocean Exploration
- Rocky Shore Ecosystem
- Introduction to Crustaceans

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- Ocean Zones
- Sea Turtles (rehabilitation and migration)
- Shrimp Industry
- Sandy Beach Ecosystem
- Beach Erosion Control
- Marine Pollution
- Introduction to Marine Phytoplankton
- Organism Adaptations
- Energy and Food Webs
- Human Impact of the Marine Environment

Segment 2

- Characteristics of Ocean Surface Currents
- El Niño Southern Oscillation Phenomenon
- Hurricane
- Penguins and a study of their insulating properties
- Antarctic (Research and Ecology)
- Coral Reefs
- History of the Aqualung
- Exploring the Classes of Mollusks
- Importance and characteristics of Estuaries
- Mangrove Ecosystem
- Nutrients in the Marine Environment
- Exploring the Ocean's Abyss
- Causes of Waves and Tides
- Plate Tectonics
- Exploring the Classes of Fish
- Marine Mammal Characteristics and Adaptations
- Exploration of Kelp and its Importance
- Keystone Species
- The Destructive Practices in the Fishing Industry
- Human Impact of the Marine Environment

Social Sciences

American History

In this course, you will look at some of the most profound questions that thoughtful Americans still debate. You will research many important events throughout the history of the United States of America. In the process, you will witness the development of America from its first settlers to today's superpower status.

Prerequisites: None. Credits 1.0

Major Concepts Covered:

Segment 1

- Analyzing the Evidence: Primary vs. Secondary Sources
- Age of Discovery
- Comparing Northern and Southern Colonies
- Declaring Independence
- Lexington and Concord
- Revolutionary War
- Constitutional Convention
- Bill of Rights
- The New Nation Emerges
- Slavery
- Abolition
- Daily Lives of Rural Slaves
- Territorial Issues
- The Civil War
- Reconstruction
- The Law Versus Reality
- Creating Jim Crow
- The 14th Amendment and Brown v. Board of Education
- The Voting Rights Act of 1965
- Asserting Rights: A Lesson in Non-Violent Protests
- Oral History of the 1960s
- Leaders of the Civil Rights Movement

Segment 2

- Manifest Destiny, American Imperialism

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- Dream vs. Reality: Prospecting for Gold
- The Industrial Revolution
- Immigration
- The Populist Movement: The Farmers Organize
- The Standard Oil Monopoly and Sherman Antitrust
- America in Harlem: The Harlem Renaissance
- The 1920's
- Equal Justice For All: 19th Amendment
- Emerging World Power
- The Great War
- The Great Depression
- World War II
- Holocaust
- Cold War
- Korean War
- Vietnam War
- The Presidents

Global Studies

This course provides students with interdisciplinary knowledge, skills and attitudes necessary to meet responsibilities as citizens of their community, state and nation, and prepares them to live in an increasingly interdependent and complex global society.

Prerequisites: Successful completion of English 1. Credits 1.0

Major Themes Covered:

Segment 1

- Geographic concepts such as topography, natural and man-made boundaries
- Physical and Human geography
- Analyze information obtained from maps and other resources
- Difference between weather and climate
- Changes in world population and impact on earth and resources
- Agricultural Revolution
- Industrial Revolution
- Human migration
- Earth's carrying capacity
- Ecological footprint and ecological deficit
- Economics and environmental issues of food choice
- Cultural stereotypes, Definition of culture, Cultural universals
- Acculturation and assimilation
- Types of government and transfer of power
- National identity, patriotism and nationalism
- Political, economical, and religious motivation of conflict between people

Segment 2

- Basic economic terms (goods, producers, market, raw materials, resources)
- Types of resources (natural, human, capital)
- Imports/Exports
- Balance of Trade
- Surplus and Deficit
- Gross National Product definition

- Gross Domestic Product definition
- Characteristics of economic systems (feudalism, capitalism, communism, socialism)
- Globalization
- Universal Declaration of Human Rights
- International Bill of Rights
- Apartheid as an example of a Human Rights Violation
- Child Labor
- Human Rights Enforcement
- The UN and Human Rights
- International Criminal Court
- Unequal distribution of water in the world
- Renewable resources, Non-renewable resources
- Factors leading to global warming
- Recovering petroleum from reservoirs
- Amount of proven resources of oil
- Reduce, Reuse, Recycle

American Government

You will gain a greater understanding on the history of the United States of America's beginnings, and knowledge of how government functions at the local, state and national levels.

Prerequisites: Successful completion of English 1. Credits .5

Major Concepts Covered:

- Origins of Modern Government and Types of Government
- Enlightenment Influences
- Declaration of Independence
- Articles of Confederation
- The Constitution
- Branches of Government, Checks and Balances and Federalism
- Judicial Branch, the Court System, and the Supreme Court
- The Amendments and the Bill of Rights
- Jury Duty
- Civil Rights, Civil Liberties and the Patriot Act
- The Legislative Branch, Powers of Congress and Congressional Elections
- Role of Political Parties and Interest Groups
- How a Bill Becomes a Law
- The Executive Branch, Presidential Elections and the Cabinet
- The Media and Politics

- Foreign, Domestic and Economic Policy
- Modern Day Presidents and Presidential Impeachment
- State Governments and State Constitutions
- Citizenship and the Rights and Responsibilities of United States Citizens
- Voting Rights and Responsibilities
- Function and Role of Local Governments

Economics

In this course, you will recognize examples of economics in your daily life. You will see how the economic choices of larger groups, like businesses and governments, affect you and others.

Prerequisites: Successful completion of English 1. Credits .5

Major Concepts Covered:

- Study of Economics, Scarcity and Choice
- Opportunity Cost
- Supply and Demand
- Money, Wants and Needs
- Career and Income
- Taxes
- Saving and Investing, Credit
- Budgets
- Entrepreneurship
- Factors of Production
- Business Organization, Market Competition
- Marginal Cost Analysis
- Production Possibilities

- Business Cycle
- Government and the Economy
- The Federal Reserve
- Monetary Policy and Fiscal Policy
- Economic Goals and Measurement
- Comparative Advantage and Trade
- Inflation
- Circular Flow
- Public Policy Analysis

Psychology 1

The purpose of this course is to introduce you to the psychological facts, principles, and phenomena associated with each of the subfields within psychology.

Prerequisites: Successful completion of English 1. Credits .5

Major Concepts Covered:

- The evolution of psychology
- The biological bases of behavior
- Sensation and perception
- Consciousness and dreams
- Human development
- Learning and memory and intelligence
- Psychological disorders and therapy
- Social psychology

Electives

Reading for College Success

This course prepares students for entry level College Reading. Major topics include argument, bias, supporting details, fact and opinion, inferences, main ideas, organizational patterns and relationships, purpose and tone, and vocabulary in context.

Prerequisites: Successful completion of English 1. Credits .5

Major Themes Covered:

- Identifying Clues Within Texts
- Effective Summarization
- Note Taking Applications
- Choosing Your Note Taking Style

- Free Choice Reading
- Web 2.0 Skills
- Recognizing Organizational Patterns
- Decoding Signal Words
- Understanding Cause and Effect
- Compare and Contrast
- Styles of Analysis
- Implications of Tone
- Recognizing Bias and Opinion
- Persuasive Language Tools
- Making an Inference
- Predictions, Questioning and Context
- Connotations and Allusions
- Hidden Hints in Writing
- Preparing for College Entrance Tests

SAT Prep

In this course, you will practice thinking strategies, build verbal competence, and sharpen your mathematics reasoning. You will acquire essential test-taking strategies.

Prerequisites: Successful completion of English 1. Credits .5

Major Themes Covered:

- SAT vocabulary, requirements and facts
- Vocabulary: word meaning, roots, prefixes and suffixes, sentence types, sentence completion, literary terms and transitional words
- Critical reading
- Inferences
- Point of view
- Author's tone and attitude
- Long and short reading passages
- Understanding reading passages and Determining main idea
- Web use for self enhancement in vocabulary
- Algebraic expressions and Algebraic mistakes

- Changing word problems into math problems
- Math – Rate, Distance, Work, Cost and Mixture problems
- Simultaneous Equations
- Factoring Quadratics
- Inequalities
- Binomials and Trinomials
- Direct and Inverse Variation
- Functions
- Probability
- Rational and Radical Equations
- Graphing equations and absolute value
- Geometry including: coordinate geometry, Pythagorean theorem, parallel and transversal lines, area and perimeter, triangles, rectangles, polygons and circles surface area
- Permutations and combinations: Alphanumeric problems, Logic, Graphs/Charts
- Writing Essays: using essay prompts, brainstorming and planning, word choice, elaboration sentence type
- Grammar: identifying errors and punctuation

Thinking and Learning Strategies

In this course you will develop thinking skills to meet academic challenges. Through reading, writing, and math activities you will develop critical thinking skills and test-taking strategies.

Prerequisites: Successful completion of English 1. Credits .5

Major Themes Covered:

- Bloom's Thinking Skills
- Reading Strategies
- Understanding/analyzing writing prompts
- The Writing Process
- Writing Conventions
- Utilizing rubrics and sample papers
- Math terminology and formulas
- Multiple choice math problems
- Short and extended response math problems

Health Opportunities in Physical Education

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness.

Prerequisites: None. Credits 1.0

Major Themes Covered:

Segment 1

- Application of Fitness and Health Concepts
- Physical Activity Safety Precautions
- Mental and Emotional Health
- Eating Disorders
- Cardiovascular System
- Personal Economic Skills
- Stress Management
- Technology Applications in Health

Segment 2

- Nutrition
- Body Composition
- Muscular Strength and Endurance
- Community Health
- Disease, Prevention and Control
- Alcohol, Drugs and Tobacco
- Teenage Pregnancy
- CPR
- Sportsmanship
- Communication Skills
- Decision Making
- Interpersonal Skills