



FYI Online
Credit Recovery /Summer School
Course List

Language Arts

FYI Language Arts Curriculum Philosophy

Utilizing multiple forms of communication, Language Arts curriculum encourages analytical thought and strong skills in written and oral communication. Students discover who they are as they read a balance of canonical and contemporary literature, and through careful analysis of argument, students come to understand how they view the world and the historical events that shaped them. Through written assignments, students are encouraged to articulate their points of view while being shown how to provide textual as well as historical support. Students understand the connection between the student and the literature, and they leave with a deeper, more personal connection to themselves and the empowerment to discern between truth and manipulation.

English I/English I Honors: Survey of Literature

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. Students will use reading strategies to construct meaning from informative, technical, and literary texts; acquire an extensive vocabulary through reading, discussion, listening, and systematic word study; use process writing strategies, student inquiry, and self-monitoring techniques; and use speaking, listening, and viewing strategies in formal presentations and informal discussions.

English 2/English 2 Honors: World Literature and Composition/World Literature and Composition Honors

The purpose of this course is to enable students to develop knowledge of world literature through integrated educational experiences in the language arts strands. Emphasis will be on representative literature of various cultures and world literary movements from ancient times to the present, including fiction, nonfiction, poetry, and drama chosen on the basis of relationships to contemporary cultural, social, and literary ideas and concerns.

English 3/English 3 Honors: American Literature and Composition /American Literature and Composition Honors

The purpose of this course is to enable students to develop knowledge of American literature through integrated educational experiences in the language arts strands. Emphasis will be on representative American literature, with its varied cultural influences, from the Colonial Period to the present, highlighting the major genres, themes, subjects, and historical influences associated with each literary period.

English 4/English 4 Honors: British Literature and Composition /British Literature and Composition Honors

The purpose of this course is to enable students to develop knowledge of British literature through integrated educational experiences in the language arts strands. Emphasis will be on representative works of Great Britain from the Anglo-Saxon Period to the present, highlighting the major genres, themes, subjects, and historical influences associated with each literary period.

Mathematics

FYI Mathematics Curriculum Philosophy

K.J. Travers has said, "Mathematics is useful, mathematics is beautiful, and mathematics disciplines the mind." FYI's math courses are not just numbers, equations, and rules; rather they provide an opportunity for students to explore, imagine, and grow. Students will learn to think critically and solve problems mathematically. More than that, they will they will gain confidence from the process of exploring and building knowledge.

Algebra I/Algebra I Honors

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. Upon successful completion of this course a student will understand operations with real numbers, linear equations and inequalities, relations & functions, pairs of linear equations & inequalities, polynomials, algebraic fractions, and exponents and radicals.

Geometry/Geometry Honors

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. Upon successful completion of this course, a student will understand lines, triangles, quadrilaterals, polygons, circles, and other geometrical concepts such as congruence, similarity, area, and volume. Deductive reasoning and the role of proof in mathematics are strongly emphasized in this course.

Algebra II/Algebra II Honors

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. Upon successful completion of this course a student will understand relations & functions, absolute value, quadratic functions, conic sections, polynomials, algebraic fractions, logarithmic & exponential functions, sequences & series, counting principles & probability.

FYI Science Curriculum Philosophy

Utilizing a combination of scientific investigation, contemporary works, and historical case studies, FYI Online Science courses engage students in constructing their own knowledge by confronting and developing new explanations for discrepant events drawn from history.

Students actively participate in scientific investigations, work from a foundation of knowledge that will support the investigation and help develop scientific investigations, and participate in discussions (public and private) that facilitate understanding and meaning. A student completing an FYI Online Science course will be able to analyze data, refer to a rich knowledge base, utilize scientific concepts to form logical reasons, make connections between evidence and explanations, and recognize alternative explanations.

Biology/Biology Honors

The purpose of this course is to provide exploratory experiences and laboratory and real-life applications in the biological sciences. Students will study the nature of science, including matter, energy, and chemical processes of life. They will understand life from the structure of cells to the structure of larger plants and animals. They will also study the behavior of organisms and the interdependence of organisms, humans, and life.

Chemistry/Chemistry Honors

The course will cover the classification, structure, and changes of matter, atomic theory, and the periodic table. Students will also learn about bonding, chemical formulas, chemical reactions, and balanced equations. From stoichiometry to acids and bases to the dynamics of energy, this course includes everything necessary to study the composition, properties, and changes associated with matter and their applications.

Physics/Physics Honors

The purpose of this course is to provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications through exploratory investigations and activities.

Social Sciences

FYI Social Studies Curriculum Philosophy

FYI Online's Social Studies courses present the content in a manner that is consistent with today's student's learning styles. Social Studies courses illustrate how history has progressed by showing what we have tried, what has succeeded, what has failed, and how all past events are in connected to all present and future events. These courses prepare students to engage actively in their communities, their cities, and their country and they are prepared to determine what kinds of change they want and how to make those changes. Presented in a thematic format rather than a chronological one, FYI's Social Studies courses prepare young people to become active citizens who can impact the long-term viability of the nation's democracy.

American History/American History Honors

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.

American Government/American Government Honors

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society. Students will learn about the interrelationship between American government and the American economic system.