

LEGACY ATHLETIC INSTITUTE
COURSE CATALOG
2026–2027 Academic Year

English Language Arts

English I

Credit: 1.0 **Grade level:** 9

English I develops foundational skills in reading, writing, grammar, and literary analysis. Students read grade-level short stories, poetry, drama, and at least one major work and write analytical and narrative essays supported by textual evidence. Instruction emphasizes close reading, vocabulary, standard English conventions, and class discussion.

English II

Credit: 1.0 **Grade level:** 10

English II focuses on world literature and continued growth in analytical reading and writing. Students examine texts from multiple cultures and time periods, write longer analytical and argumentative essays, and practice basic research and citation. Discussion, draft conferences, and teacher feedback are part of regular classroom instruction. The course prepares students for American literature in English III.

English III

Credit: 1.0 **Grade level:** 11

English III surveys American literature from early writings through contemporary works. Students trace major literary movements, write extended analytical and research-based essays, and evaluate primary and secondary sources. Seminar-style discussion and writing workshops are led by the teacher of record. The course strengthens college-ready reading and composition skills.

English IV

Credit: 1.0 **Grade level:** 12

English IV studies major works in the British literary tradition and advanced composition. Students read selected texts from early British literature through modern works, produce college-ready analytical and research writing, and complete a senior writing portfolio. The teacher leads discussion, writing conferences, and assessment throughout the year.

Mathematics

Credit: 1.0 **Grade level:** 8–9

Algebra I

Algebra I develops the algebraic skills required for later high-school mathematics. Students solve linear equations and inequalities, graph linear functions, work with systems, and study exponents, polynomials, factoring, and quadratic relationships. Emphasis is placed on problem-solving, mathematical reasoning, and application. The teacher of record provides direct instruction, feedback, and evaluation of student work.

Geometry

Credit: 1.0 **Grade level:** 10

Geometry develops spatial reasoning, logical argument, and the properties of two- and three-dimensional figures. Students study definitions, postulates, and theorems; parallel and perpendicular lines; triangle congruence and similarity; right-triangle trigonometry; polygons; circles; and area and volume. Proof, constructions, and coordinate geometry are included. Instruction is classroom-based and teacher-directed.

Algebra II

Credit: 1.0 Grade level: 11

Algebra II extends Algebra I to polynomial, rational, radical, exponential, and logarithmic functions. Students solve advanced equations, analyze function families, and apply mathematical modeling. Selected work with sequences, series, and introductory probability may be included. The course prepares students for a fourth-year advanced mathematics course.

Pre-Calculus**Credit: 1.0 Grade level: 11–12**

Pre-Calculus prepares students for college-level calculus through the study of advanced functions, trigonometry, and analytic geometry. Students analyze polynomial, rational, exponential, logarithmic, and trigonometric functions; work with identities, inverse functions, and the unit circle; and study sequences, series, and introductory limits as appropriate. Instruction is teacher-led with regular problem-solving and assessment. This course fulfills the fourth-year advanced mathematics graduation requirement.

Statistics**Credit: 1.0 Grade level: 11–12**

Statistics introduces the collection, display, and analysis of data and the use of probability to draw conclusions. Students study measures of center and spread, sampling, experimental design, correlation, and basic inference. Instruction emphasizes interpretation of real data and written explanation of results. Statistics may be used to meet the fourth-year advanced mathematics graduation requirement.

Calculus**Credit: 1.0 Grade level: 12**

Calculus introduces limits, derivatives, and integrals and their applications to rates of change, optimization, and area. Students use algebraic and graphical methods under teacher direction and complete regular problem sets and assessments. The course is offered for students who have completed Pre-Calculus or an equivalent advanced course. Calculus may be used to meet the fourth-year advanced mathematics graduation requirement.

Business Math**Credit: 1.0 Grade level: 11–12**

Business Math applies arithmetic and algebraic skills to practical financial and workplace situations. Students study percentages, interest, payroll, budgeting, and basic business calculations. The course emphasizes accurate computation and real-world problem solving. Business Math is an elective mathematics course and is not submitted as an NCAA core course.

Science**Earth Science****Credit: 1.0 Grade level: 9–10**

Earth Science examines the physical Earth, its systems, and its place in the universe. Students study geology, meteorology, oceanography, and introductory astronomy through classroom instruction and teacher-supervised laboratory or observational activities. Students collect and interpret data and complete written reports. This laboratory science course is taught by the teacher of record.

Life Science**Credit: 1.0 Grade level: 9**

Life Science introduces the study of living systems, including cells, organisms, ecology, and human body systems. Students practice scientific inquiry through teacher-supervised investigations and written analysis. The course builds vocabulary and laboratory habits needed for Biology. Life Science may be used as a foundation course depending on placement.

Physical Science

Credit: 1.0 **Grade level:** 9–10

Physical Science introduces foundational concepts in physics and chemistry, including matter, energy, motion, forces, and basic chemical change. Students complete teacher-supervised laboratory activities and learn to record data and write conclusions. The course prepares students for later laboratory sciences such as Biology or Chemistry.

Biology

Credit: 1.0 **Grade level:** 9–10

Biology is a laboratory science course covering cell structure and function, genetics, evolution, ecology, and selected human body systems. Students design or follow investigations, use laboratory equipment under teacher supervision, and write formal lab reports. Instruction includes lecture, discussion, demonstration, and hands-on lab work. The teacher of record evaluates all assessments and laboratory reports.

Chemistry

Credit: 1.0 **Grade level:** 10–11

Chemistry is a laboratory science course covering atomic structure, the periodic table, chemical bonding, reactions, stoichiometry, gases, solutions, acids and bases, and energy changes. Students complete teacher-supervised laboratory investigations and write lab reports that include data, analysis, and conclusions. Instruction is classroom-based with a required laboratory component. Chemistry is a graduation-required laboratory science.

Environmental Science

Credit: 1.0 **Grade level:** 11–12

Environmental Science examines interactions among humans and natural systems, including ecosystems, biodiversity, resources, pollution, climate, and sustainability. Students complete teacher-supervised laboratory and data-based investigations and communicate findings in reports or projects. The course applies scientific principles to environmental issues. Instruction is classroom-based with a laboratory component.

Social Science

World History

Credit: 1.0 **Grade level:** 10

World History surveys major civilizations, belief systems, political developments, and global interactions from early societies through the contemporary era. Students examine regions of Africa, Asia, Europe, the Americas, and the Middle East using a textbook, maps, and selected primary sources. Instruction emphasizes chronology, cause and effect, comparison, and evidence-based writing. The teacher of record leads discussion and grades all major work.

United States History

Credit: 1.0 **Grade level:** 9–11

United States History surveys the development of the United States from pre-colonial times through the contemporary era. Students study political, economic, social, and cultural developments and analyze primary and secondary sources. Written essays and document analysis are required. The course is taught in a teacher-led classroom.

Civics / United States Government

Credit: 0.5 **Grade level:** 11–12

Civics / United States Government examines the principles, structure, and functions of national, state, and local government and the rights and responsibilities of citizenship. Students study the Constitution, the three branches of government, federalism, political participation, and civil liberties. Instruction includes discussion of constitutional issues and written analysis. Paired with Economics, this course fulfills the Government / Economics graduation requirement.

Economics

Credit: 0.5 **Grade level:** 11–12

Economics introduces fundamental principles of microeconomics and macroeconomics. Students study scarcity, supply and demand, markets, personal and national economic decision-making, inflation, unemployment, and the role of government in the economy. Instruction includes graphs, case analysis, and written explanation of economic problems. Paired with Civics / United States Government, this course fulfills the Government / Economics graduation requirement.

Financial Education

Credit: 0.5 or 1.0 as scheduled **Grade level:** 11–12

Financial Education introduces personal finance, including budgeting, saving, credit, loans, and an overview of investing. Students apply arithmetic skills to practical money decisions and complete simulations or projects. The course supports practical literacy and may be used as an elective. It does not replace Economics when Economics is required for graduation.

World Language

Spanish I

Credit: 1.0 **Grade level:** 9–10

Spanish I introduces the Spanish language and Hispanic cultures at the novice level. Students develop listening, speaking, reading, and writing through teacher-led instruction, guided practice, and classroom conversation. Grammar, vocabulary, pronunciation, and selected cultural topics are taught throughout the year. The teacher of record models language and evaluates oral and written work.

Spanish II

Credit: 1.0 **Grade level:** 10–11

Spanish II builds on Spanish I and advances students toward intermediate communication in multiple time frames. Students study the preterite and imperfect, object pronouns, commands, and selected future and perfect forms while expanding vocabulary for daily life, travel, health, and culture. Instruction remains fully teacher-led with regular speaking and writing practice. Cultural comparison is integrated throughout the course.

Spanish III

Credit: 1.0 **Grade level:** 11–12

Spanish III continues intermediate language study with more complex reading, writing, listening, and speaking tasks. Students review and extend major verb tenses, increase vocabulary, and work with longer authentic or adapted texts. Classroom conversation and presentational tasks are conducted under teacher direction. The course is offered for students who complete Spanish II.

Additional Graduation and Elective Courses

Health Education

Credit: 1.0 **Grade level:** 9–12

Health Education covers personal health, nutrition, mental and emotional wellness, disease prevention, substance awareness, and safety. Students complete classroom lessons, discussions, and projects under teacher direction. The course fulfills the one-credit health graduation requirement.

Visual Arts

Credit: 1.0 **Grade level:** 9–12

Visual Arts develops creative skill and aesthetic understanding through studio art, music, or another approved performing-arts offering. Students complete teacher-directed projects, rehearsals, or

performances and are assessed on process and finished work. The course fulfills the one-credit fine-arts graduation requirement.

Baseball / Sports Education

Credit: 0.5 or 1.0 as scheduled **Grade level:** 9–12

Baseball / Sports Education develops sport-specific skill, strategy, teamwork, and game understanding. Students receive coaching in technical skills, team play, and performance analysis during the school's athletic program. Assessment is based on skill evaluation, participation, and game analysis.

Physical Education

Credit: 0.5 or 1.0 as scheduled **Grade level:** 9–12

Physical Education promotes fitness, strength, conditioning, and participation in team and recreational activities. Students complete fitness work and skill demonstrations under staff supervision. The course supports student health and does not replace required academic core courses.