

FBCLPEM COURSE OPTIONS

English Course Options

Key for the “Requirement Met” column

English — Core means the course naturally provides broad enough English instruction to serve as one of the principal four English credits.

English — Core with Composition means it can comfortably fulfill a principal English requirement **when the course includes substantial formal composition, research, and language work alongside its literary focus.**

English — Specialized means it is a legitimate English-language-arts course, but I would generally use it as an English elective or as **one component of a broader four-year sequence**, particularly for the College Preparatory Diploma.

Requirement Met	Course Title	Suggested Level	Description
English — Core	English I: Composition & Literature	Standard / CP / H	Foundational high-school English integrating composition, grammar, vocabulary, literary analysis, research, and study of varied literary genres.
English — Core	English II: Advanced Composition & Literature	Standard / CP / H	Builds increasingly sophisticated analytical and argumentative writing, research, grammar, rhetoric, vocabulary, and literary interpretation.
English — Core	English III: American Literature & Composition	Standard / CP / H	Study of American literature across major periods paired with analytical, argumentative, and research writing.
English — Core	English IV: British Literature & Composition	Standard / CP / H	Study of British literature from early works through modern writing with advanced composition, research, and literary analysis.
English — Core	World Literature & Composition	Standard / CP / H	Literature from multiple cultures and historical periods combined with composition, research, comparative analysis, and critical reading.
English — Core	Contemporary Literature & Composition	Standard / CP / H	Modern literature across genres combined with substantial analytical, argumentative, and research writing.
English — Core	Advanced Composition & Rhetoric	CP / H	Advanced study of argument, rhetorical analysis, research, source synthesis, style, and sophisticated nonfiction writing.

Requirement Met	Course Title	Suggested Level	Description
English — Core	College Composition	CP / H / DE	Advanced expository, analytical, argumentative, and research writing appropriate for upper-level high-school or college study.
English — Core	Humanities: Literature, History & Ideas	Standard / CP / H	Interdisciplinary study of literature in its historical, cultural, and philosophical contexts with substantial analytical writing and research.
English — Core with Composition	Gothic Literature	Standard / CP / H	Study of Gothic fiction and related works emphasizing suspense, symbolism, setting, psychology, cultural anxieties, literary analysis, and composition.
English — Core with Composition	Dystopian Literature & Society	Standard / CP / H	Dystopian literature examining government, technology, freedom, conformity, human nature, and social criticism through literary analysis and writing.
English — Core with Composition	Science Fiction & Society	Standard / CP / H	Science fiction used to explore technology, ethics, culture, identity, and social change through critical reading and analytical composition.
English — Core with Composition	Literature of War & Conflict	Standard / CP / H	Literature addressing war, courage, trauma, propaganda, morality, sacrifice, and memory through fiction, nonfiction, poetry, and analytical writing.
English — Core with Composition	Mystery & Detective Literature	Standard / CP / H	Study of detective and mystery literature emphasizing narrative structure, evidence, characterization, inference, genre development, and literary analysis.
English — Core with Composition	Adventure & Exploration Literature	Standard / CP	Fiction and nonfiction centered on exploration, survival, discovery, risk, and human endurance with analytical and research writing.
English — Core with Composition	Mythology & Epic Literature	Standard / CP / H	Classical and world mythology and epic traditions emphasizing archetypes, heroes, literary forms, cultural context, and influence on later literature.
English — Core with Composition	Shakespeare & the Stage	CP / H	Intensive study of Shakespeare through close reading, performance, historical context, literary criticism, and analytical composition.
English — Core with Composition	The American Novel	CP / H	Major American novels studied in historical, cultural, and literary context with substantial close reading, analysis, and composition.

Requirement Met	Course Title	Suggested Level	Description
English — Core with Composition	The British Novel	CP / H	Development of the British novel through significant works, literary movements, historical context, close reading, and analytical writing.
English — Core with Composition	Southern Literature	Standard / CP / H	Fiction, poetry, memoir, and nonfiction exploring the American South, regional identity, history, culture, and literary traditions.
English — Core with Composition	African American Literature	Standard / CP / H	Major works and literary traditions in African American writing studied across historical periods, genres, and cultural contexts.
English — Core with Composition	Women's Literature	Standard / CP / H	Literature by women across periods and genres emphasizing voice, literary movements, cultural context, interpretation, and analytical writing.
English — Core with Composition	Literature of the American West	Standard / CP	Fiction and nonfiction examining the American West, frontier narratives, Indigenous perspectives, settlement, mythology, and regional identity.
English — Core with Composition	Appalachian Literature & Culture	Standard / CP	Regional literature, oral traditions, memoir, poetry, fiction, language, history, and cultural identity of Appalachia.
English — Core with Composition	Literature of Faith & Doubt	Standard / CP / H	Literary exploration of belief, doubt, morality, suffering, redemption, purpose, and meaning through significant fiction, poetry, drama, and nonfiction.
English — Core with Composition	Christian Classics & Literature	Standard / CP / H	Significant Christian literary works examined as literature with attention to genre, rhetoric, symbolism, historical context, interpretation, and composition.
English — Core with Composition	The Bible as Literature	CP / H	Literary study of biblical narrative, poetry, wisdom literature, imagery, archetype, rhetoric, genre, and influence on later literature.
English — Core with Composition	Fantasy Literature	Standard / CP / H	Study of myth, world-building, archetype, allegory, narrative structure, literary traditions, and the development of modern fantasy.
English — Core with Composition	Poetry & Poetics	CP / H	Close reading of poetry emphasizing form, meter, imagery, sound, literary movements, interpretation, criticism, and analytical writing.

Requirement Met	Course Title	Suggested Level	Description
English — Core with Composition	Short Story Masterworks	Standard / CP / H	Intensive study of short fiction emphasizing literary craft, close reading, interpretation, comparative analysis, and composition.
English — Specialized	Children's & Young Adult Literature	Standard / CTE / CP Elective	Study of children's and young-adult literature emphasizing genre, literary quality, developmental considerations, themes, culture, and evaluation of texts. Particularly useful for education pathways.
English — Specialized	The Graphic Novel	Standard / CP Elective	Serious literary study of sequential narrative emphasizing visual rhetoric, text-image relationships, characterization, structure, theme, and interpretation.
English — Specialized	Creative Writing	Standard / CP Elective	Writing of fiction, poetry, and creative nonfiction with emphasis on literary craft, revision, critique, reading literary models, and portfolio development.
English — Specialized	Advanced Creative Writing	Standard / CP / H	Intensive original writing, literary study, workshop critique, revision, experimentation with form, and development of a substantial writing portfolio.
English — Specialized	Journalism	Standard / CP / CTE	News and feature writing, interviewing, research, editing, media literacy, journalistic ethics, and publication.
English — Specialized	Advanced Journalism & Publication	Standard / CP / CTE / H	Advanced reporting, feature writing, editing, publication design, leadership, investigative research, and production of substantial published work.
English — Specialized	Technical & Professional Writing	Standard / CP / CTE	Practical and academic writing including instructions, reports, proposals, correspondence, documentation, research, and professional communication.
English — Specialized	Business Communication	Standard / CTE	Professional correspondence, reports, presentations, workplace writing, audience awareness, and communication conventions for business settings.
English — Core with Composition	Rhetoric & Persuasion	CP / H	Study of argumentation, rhetorical analysis, persuasive writing, speeches, source evaluation, logic, audience, and effective use of evidence.
English — Core with Composition	Research Writing	CP / H	Intensive study of research questions, source evaluation, citation, synthesis, argumentation, academic integrity, and extended research writing.

Requirement Met	Course Title	Suggested Level	Description
English — Specialized	Speech & Public Speaking	Standard / CP Elective / CTE	Speech organization, research, delivery, persuasion, informative speaking, audience analysis, listening, and oral communication.
English — Specialized	Debate & Argumentation	Standard / CP / H	Formal argument, research, logic, evidence evaluation, rebuttal, persuasive speaking, and written argumentation.
English — Specialized	Media Literacy & Communication	Standard / CP / CTE	Critical analysis of advertising, news, social media, persuasion, bias, visual rhetoric, source credibility, and modern communication.
English — Specialized	Digital Writing & Publishing	Standard / CP / CTE	Writing and editing for websites, newsletters, digital publications, multimedia projects, and specific online audiences.
English — Specialized	Screenwriting	Standard / CP Elective / CTE	Dramatic structure, dialogue, character development, visual storytelling, screenplay conventions, script analysis, and original screenwriting.
English — Specialized	Writing for Business & Entrepreneurship	Standard / CTE	Business plans, proposals, marketing copy, professional correspondence, reports, presentations, and audience-focused business writing.
English — Specialized	Workplace Communication	Standard / CTE	Practical workplace reading, writing, speaking, documentation, instructions, customer communication, teamwork, and professional communication.
English — Core with Composition	Crime & Justice in Literature	Standard / CP / H	Fiction and nonfiction examining crime, law, justice, punishment, morality, evidence, and social institutions through literary analysis and argument.
English — Core with Composition	Medical Literature & Narrative	Standard / CP / CTE / H	Literature and nonfiction addressing illness, caregiving, medical ethics, patient experience, mortality, and the role of narrative in healthcare.
English — Core with Composition	Food Writing & Culinary Literature	Standard / CP / CTE	Food memoir, essays, journalism, cultural writing, descriptive prose, research, and literature examining food as culture and experience.
English — Core with Composition	Nature & Environmental Literature	Standard / CP / H	Nature writing, environmental nonfiction, poetry, fiction, and rhetoric examining relationships among people, place, and the natural world.

Requirement Met	Course Title	Suggested Level	Description
English — Core with Composition	Sports Literature & Journalism	Standard / CP / CTE	Sports fiction, nonfiction, biography, journalism, commentary, rhetoric, and cultural analysis with substantial reading and writing.
English — Core with Composition	Literature & Psychology	CP / H	Literary analysis centered on character, motivation, identity, memory, perception, relationships, and psychological interpretations of literature.
English — Core with Composition	Literature & Philosophy	CP / H	Major philosophical questions explored through literature, essays, close reading, seminar discussion, and analytical and argumentative writing.
English — Core with Composition	Literature & Film	Standard / CP / H	Comparative study of literary texts and film adaptations emphasizing narrative, interpretation, visual storytelling, adaptation, and analytical writing.
English — Core with Composition	History Through Literature	Standard / CP / H	Historical fiction, memoir, speeches, literary nonfiction, and contextual research used to examine the relationship between literature and historical experience.
English — Core with Composition	American Voices	Standard / CP / H	Speeches, essays, fiction, memoir, poetry, and other texts representing varied American voices, experiences, rhetorical traditions, and perspectives.
English — Core with Composition	The Hero's Journey	Standard / CP	Epic, mythology, drama, fantasy, and modern literature examined through archetype, comparative analysis, narrative structure, and composition.
English — Core with Composition	Utopias, Dystopias & Political Literature	CP / H	Literary exploration of political ideas, government, freedom, social organization, power, rhetoric, and social criticism.
English — Core with Composition	True Crime: Narrative, Evidence & Ethics	Standard / CP / H	Critical study of narrative nonfiction, journalism, evidence, source credibility, rhetoric, ethics, bias, and the construction of true-crime narratives.
English — Core with Composition	Travel Writing & Literature of Place	Standard / CP	Travel memoir, regional literature, essays, descriptive composition, cultural research, observation, and writing about place.
English — Core with Composition	Humor, Satire & Social Criticism	Standard / CP / H	Satire, parody, humor, essays, fiction, and media examined as forms of rhetoric and social criticism, with analytical and original writing.

Mathematics Course Options

Course Classification: Creative or applied mathematics titles should accurately reflect the mathematical content actually completed. For the College Preparatory Diploma, students must complete Algebra I, Geometry, Algebra II, and a higher-level mathematics course. Applied or specialized courses should not be used as substitutes for those requirements unless the course substantially covers the corresponding mathematical content.

Requirement Met	Course Title	Suggested Level	Description
Math — Algebra I	Algebra I	Standard / CP	Foundations of algebra including expressions, equations, inequalities, functions, graphing, systems, exponents, polynomials, and introductory statistics.
Math — Algebra I	Algebra I with Applications	Standard / CP / CTE	Full Algebra I content taught through practical applications, modeling, data, measurement, finance, science, and real-world problem solving.
Math — Algebra I	Integrated Mathematics I	Standard / CP	Integrated study of algebra, functions, geometry, statistics, and mathematical modeling covering the essential content of a first high-school mathematics course.
Math — Geometry	Geometry	Standard / CP	Euclidean geometry including reasoning and proof, congruence, similarity, coordinate geometry, transformations, measurement, circles, area, volume, and geometric applications.
Math — Geometry	Geometry with Applications	Standard / CP / CTE	Full high-school geometry emphasizing measurement, scale, spatial reasoning, construction, design, coordinate geometry, and practical applications.
Math — Geometry	Integrated Mathematics II	Standard / CP	Integrated study emphasizing geometry while continuing algebra, functions, probability, statistics, modeling, and mathematical reasoning.
Math — Algebra II	Algebra II	CP / H	Advanced algebra including functions, systems, polynomials, rational and radical expressions, exponential and logarithmic functions, complex numbers, sequences, and mathematical modeling.
Math — Algebra II	Algebra II with Applications	CP / CTE	Algebra II concepts developed through authentic applications, mathematical modeling, data, finance, science, technology, and career-related problem solving.

Requirement Met	Course Title	Suggested Level	Description
Math — Algebra II	Integrated Mathematics III	CP / H	Integrated advanced mathematics combining Algebra II concepts with geometry, statistics, functions, modeling, and mathematical reasoning.
Math — Higher Mathematics	Precalculus	CP / H	Advanced study of functions, polynomial and rational models, exponential and logarithmic functions, trigonometry, analytic geometry, sequences, and preparation for calculus.
Math — Higher Mathematics	Precalculus with Trigonometry	CP / H	Comprehensive preparation for calculus with substantial study of functions, analytic geometry, trigonometric functions, identities, equations, vectors, and mathematical modeling.
Math — Higher Mathematics	Trigonometry	CP / H	Intensive study of trigonometric functions, identities, equations, graphs, inverse functions, triangles, vectors, periodic phenomena, and applications.
Math — Higher Mathematics	College Algebra	CP / H / DE	Advanced algebraic study of functions, equations, polynomial and rational functions, exponential and logarithmic models, systems, and other topics typical of college algebra.
Math — Higher Mathematics	Statistics	Standard / CP / H / DE	Study of data collection, graphical and numerical analysis, probability, distributions, sampling, inference, correlation, regression, and interpretation of statistical claims.
Math — Higher Mathematics	Probability & Statistics	Standard / CP / H	Probability, combinatorics, descriptive statistics, distributions, sampling, inference, correlation, regression, experimental design, and data-based reasoning.
Math — Higher Mathematics	Calculus	CP / H / AP / DE	Study of limits, derivatives, integrals, applications, mathematical modeling, and the fundamental relationships underlying differential and integral calculus.
Math — Higher Mathematics	AP Calculus AB	AP	College-level differential and integral calculus following the authorized AP Calculus AB framework and requirements.

Requirement Met	Course Title	Suggested Level	Description
Math — Higher Mathematics	AP Calculus BC	AP	College-level calculus extending AB topics to additional integration techniques, sequences, series, parametric equations, polar functions, and other BC content.
Math — Higher Mathematics	AP Statistics	AP	College-level introductory statistics following the authorized AP Statistics framework, emphasizing data analysis, probability, sampling, inference, and statistical reasoning.
Math — Higher Mathematics	Discrete Mathematics	CP / H	Study of logic, sets, combinatorics, graph theory, recursion, algorithms, probability, number systems, and mathematical structures particularly relevant to computing.
Math — Higher Mathematics	Finite Mathematics	CP / DE	College-oriented study of matrices, linear programming, probability, statistics, finance, sets, logic, and mathematical applications outside the calculus sequence.
Math — Higher Mathematics	Linear Algebra	H / DE	Advanced study of vectors, matrices, systems of linear equations, transformations, vector spaces, eigenvalues, and mathematical applications.
Math — Higher Mathematics	Differential Equations	H / DE	Advanced study of equations involving derivatives and mathematical models describing change in science, engineering, economics, and other fields.
Math — Higher Mathematics	Number Theory	CP / H	Study of integers, divisibility, primes, congruences, modular arithmetic, patterns, proofs, and applications including introductory cryptography.
Math — Higher Mathematics	Mathematical Proof & Logic	CP / H	Formal reasoning, mathematical logic, direct and indirect proof, induction, sets, relations, functions, and development of rigorous mathematical argument.
Math — Higher Mathematics	Mathematical Modeling	CP / H	Construction and analysis of mathematical models representing real phenomena using algebra, functions, statistics, geometry, optimization, and computational tools.
Math — Higher Mathematics	Data Science & Mathematical Modeling	CP / H / CTE	Statistical reasoning, data visualization, modeling, probability, regression, computational analysis, and interpretation of real datasets.

Requirement Met	Course Title	Suggested Level	Description
Math — Higher Mathematics	Mathematics for Computer Science	CP / H / CTE	Discrete mathematics, logic, sets, functions, combinatorics, probability, graph theory, binary systems, algorithms, and mathematical reasoning for computing.
Math — Higher Mathematics	Introduction to Cryptography	CP / H / CTE	Mathematical foundations of cryptography including modular arithmetic, number theory, algorithms, encryption concepts, probability, and secure communication.
Math — Standard 3rd Math / Elective	Consumer Mathematics	Standard / CTE	Practical mathematics for adult life including wages, banking, credit, loans, purchasing, taxes, insurance, budgeting, housing, transportation, and consumer decisions.
Math — Standard 3rd Math / Elective	Financial Mathematics	Standard / CTE	Mathematical applications involving interest, credit, loans, mortgages, investments, taxes, insurance, depreciation, budgeting, and financial decision-making.
Math — Standard 3rd Math / Elective	Business Mathematics	Standard / CTE	Applied mathematics for business including percentages, pricing, markup, discounts, payroll, interest, inventory, taxes, depreciation, financial statements, and business analysis.
Math — Standard 3rd Math / Elective	Applied Mathematics	Standard / CTE	Practical application of algebra, geometry, measurement, ratios, formulas, statistics, estimation, and problem solving to authentic situations.
Math — Standard 3rd Math / CTE Support	Technical Mathematics	Standard / CTE	Applied algebra, geometry, measurement, formulas, ratios, trigonometric concepts, estimation, and problem solving used in technical and skilled occupations.
Math — Standard 3rd Math / CTE Support	Mathematics for the Skilled Trades	Standard / CTE	Measurement, fractions, decimals, ratios, algebraic formulas, geometry, right-triangle mathematics, estimation, tolerances, and job-site calculations.
Math — Standard 3rd Math / CTE Support	Construction Mathematics	Standard / CTE	Applied measurement, fractions, ratios, scale, area, volume, geometry, estimation, material calculations, slope, layout, and construction problem solving.
Math — Standard 3rd Math / CTE Support	Carpentry Mathematics	Standard / CTE	Practical mathematics for carpentry including measurement, fractions, layout, angles, roof

Requirement Met	Course Title	Suggested Level	Description
			calculations, stairs, area, volume, material estimation, and geometric reasoning.
Math — Standard 3rd Math / CTE Support	Electrical Mathematics	Standard / CTE	Algebra, measurement, ratios, formulas, scientific notation, unit conversion, circuit calculations, power relationships, and mathematical applications used in electrical work.
Math — Standard 3rd Math / CTE Support	HVAC & Mechanical Mathematics	Standard / CTE	Applied algebra, measurement, geometry, ratios, formulas, unit conversion, temperature, pressure, airflow, efficiency, and mechanical-system calculations.
Math — Standard 3rd Math / CTE Support	Manufacturing Mathematics	Standard / CTE	Precision measurement, tolerances, decimals, fractions, geometry, trigonometric applications, coordinate systems, formulas, and calculations used in manufacturing.
Math — Standard 3rd Math / CTE Support	Automotive Mathematics	Standard / CTE	Ratios, measurement, formulas, unit conversion, geometry, electrical calculations, gear ratios, engine measurements, efficiency, and automotive diagnostic mathematics.
Math — Standard 3rd Math / CTE Support	Culinary Mathematics	Standard / CTE	Fractions, ratios, proportions, measurement, unit conversion, recipe scaling, yield, food cost, pricing, percentages, inventory, and culinary business calculations.
Math — Standard 3rd Math / CTE Support	Healthcare Mathematics	Standard / CTE	Ratios, proportions, measurement, unit conversion, percentages, statistics, dosage-related mathematical concepts, chart interpretation, and quantitative reasoning in healthcare contexts.
Math — Standard 3rd Math / CTE Support	Agricultural Mathematics	Standard / CTE	Measurement, area, volume, ratios, formulas, budgeting, yield calculations, feed and fertilizer calculations, statistics, and quantitative agricultural applications.
Math — Standard 3rd Math / CTE Support	Mathematics for Business & Entrepreneurship	Standard / CTE	Pricing, markup, break-even analysis, payroll, taxes, interest, budgeting, inventory, forecasting, financial ratios, and quantitative business decision-making.

Requirement Met	Course Title	Suggested Level	Description
Math — Standard 3rd Math / Elective	Personal Finance Mathematics	Standard / CTE	Quantitative study of income, budgeting, taxes, banking, credit, borrowing, insurance, investing, retirement, and major financial decisions.
Math — Elective	History of Mathematics	Standard / CP Elective	Mathematical ideas examined through their historical development, including number systems, geometry, algebra, probability, calculus, notable mathematicians, and cultural contributions.
Math — Elective	Recreational Mathematics & Problem Solving	Standard / CP Elective	Mathematical puzzles, logic problems, games, patterns, probability, strategy, number theory, spatial reasoning, and creative problem solving.
Math — Elective	Logic & Mathematical Reasoning	Standard / CP	Deductive and inductive reasoning, symbolic logic, argument analysis, patterns, problem-solving strategies, mathematical communication, and introductory proof.
Math — Elective	Mathematics of Games & Strategy	Standard / CP	Probability, combinatorics, logic, expected value, optimization, game theory, statistics, and strategic decision-making through games and simulations.
Math — Elective	Mathematics of Sports	Standard / CP	Statistics, probability, rates, trajectories, geometry, optimization, data analysis, rankings, performance metrics, and mathematical modeling through sports.
Math — Elective	Mathematics of Art & Design	Standard / CP / CTE	Geometry, proportion, symmetry, transformations, perspective, tessellation, scale, patterns, measurement, and mathematical principles in visual design.
Math — Elective	Mathematics of Music	Standard / CP	Ratios, fractions, frequency, patterns, sequences, tuning systems, rhythm, acoustics, and mathematical relationships underlying music.
Math — Elective	Mathematics of Architecture	Standard / CP / CTE	Geometry, measurement, scale, proportion, area, volume, trigonometric applications, structural patterns, design constraints, and architectural modeling.
Math — Elective	Mathematics of Coding	Standard / CP / CTE	Binary numbers, Boolean logic, functions, algorithms, coordinate systems, modular arithmetic, combinatorics, probability, and mathematical structures used in programming.

Requirement Met	Course Title	Suggested Level	Description
Math — Elective	Quantitative Reasoning	Standard / CP	Mathematical reasoning applied to real information involving percentages, rates, probability, statistics, graphs, models, finance, estimation, and interpretation of quantitative claims.
Math — Elective	Survey of Advanced Mathematics	CP / H	Exploration of advanced topics such as number theory, combinatorics, graph theory, topology, infinity, logic, probability, and mathematical proof.
Math — Elective	Mathematical Research & Problem Solving	CP / H	Independent investigation of mathematical questions involving conjecture, research, proof, modeling, computation, written mathematical communication, and presentation.

Science Course Options

“+ Lab” indicates a course that can reasonably be structured as a laboratory science when the student completes a substantial laboratory component. For the College Preparatory pathway, the actual course—not merely its title—should include the laboratory work and academic rigor expected of a high-school lab science.

Requirement Met	Course Title	Suggested Level	Description
Biological + Lab	Biology	Standard / CP / H	Comprehensive study of living systems including cell biology, genetics, evolution and adaptation, ecology, classification, microorganisms, plants, animals, and biological investigation.
Biological + Lab	Advanced Biology	CP / H	In-depth biological study emphasizing cellular processes, genetics, molecular biology, evolution, ecology, experimental design, scientific literature, and advanced laboratory analysis.
Biological + Lab	AP Biology	AP	College-level biology following the authorized AP framework, emphasizing cellular processes, genetics, evolution, energetics, ecology, scientific inquiry, and laboratory investigation.
Biological + Lab	Anatomy & Physiology	Standard / CP / H / CTE	Study of human body structure and function, including cells, tissues, organs, major body systems, homeostasis,

Requirement Met	Course Title	Suggested Level	Description
			and laboratory investigation. Particularly useful for health-science pathways.
Biological + Lab	Human Biology	Standard / CP / CTE	Study of human cells, genetics, anatomy, physiology, health, disease, reproduction, development, and interactions among human body systems.
Biological + Lab	Genetics	CP / H	Study of heredity, chromosomes, DNA, gene expression, inheritance patterns, mutations, population genetics, biotechnology, and genetic analysis.
Biological + Lab	Microbiology	CP / H / CTE	Study of bacteria, viruses, fungi, protists, microbial ecology, disease, immunity, biotechnology, culturing techniques, microscopy, and laboratory methods.
Biological + Lab	Botany	Standard / CP / H	Study of plant structure, physiology, reproduction, classification, ecology, genetics, and adaptations through observation and laboratory or field investigation.
Biological + Lab	Zoology	Standard / CP / H	Study of animal diversity, anatomy, physiology, behavior, classification, evolution, ecology, and comparative biological systems.
Biological + Lab	Marine Biology	Standard / CP / H	Study of marine organisms, ecosystems, adaptations, biodiversity, ocean environments, food webs, human impacts, and marine biological investigation.
Biological + Lab	Ecology	Standard / CP / H	Study of organisms and their environments, populations, communities, ecosystems, biodiversity, energy flow, nutrient cycles, and field-based ecological investigation.
Biological + Lab	Molecular Biology	CP / H	Advanced study of DNA, RNA, proteins, gene expression, cellular regulation, molecular genetics, biotechnology, and laboratory techniques.
Biological + Lab	Biotechnology	CP / H / CTE	Application of biological principles and laboratory methods to genetics, molecular biology, medicine, agriculture, industry, and biotechnology.
Biological + Lab	Neuroscience	CP / H	Interdisciplinary study of the nervous system, brain structure and function, neurons, sensation, cognition, behavior, development, and neurological processes.
Biological + Lab	Developmental Biology	CP / H	Study of growth and development from fertilization through organismal maturity, including cell differentiation,

Requirement Met	Course Title	Suggested Level	Description
			gene regulation, embryology, and developmental processes.
Biological + Lab	Animal Science	Standard / CP / CTE	Biological study of domestic animals including anatomy, physiology, genetics, nutrition, reproduction, health, behavior, and management.
Biological + Lab	Agricultural Biology	Standard / CP / CTE	Biological principles applied to agriculture, including plant and animal systems, genetics, soil biology, pests, ecosystems, biotechnology, and sustainable production.
Biological + Lab	Aquatic Biology	Standard / CP / H	Study of freshwater and marine organisms and ecosystems through biological, ecological, field, and laboratory investigation.
Biological + Lab	Entomology	Standard / CP / H	Scientific study of insects including anatomy, physiology, classification, life cycles, behavior, ecology, and relationships with humans and ecosystems.
Biological + Lab	Ornithology	Standard / CP / H	Scientific study of birds including anatomy, physiology, behavior, classification, ecology, migration, adaptation, and field observation.
Physical + Lab	Chemistry	Standard / CP / H	Study of matter, atomic structure, periodicity, chemical bonding, reactions, stoichiometry, solutions, acids and bases, energy, and quantitative laboratory investigation.
Physical + Lab	Advanced Chemistry	CP / H	Advanced treatment of chemical structure, reactions, equilibrium, kinetics, thermodynamics, acids and bases, electrochemistry, quantitative analysis, and laboratory investigation.
Physical + Lab	AP Chemistry	AP	College-level chemistry following the authorized AP framework with extensive quantitative reasoning, chemical modeling, experimental design, and laboratory investigation.
Physical + Lab	Physics	Standard / CP / H	Study of motion, forces, energy, momentum, waves, sound, light, electricity, magnetism, and physical systems through mathematical and laboratory investigation.
Physical + Lab	Conceptual Physics	Standard / CP	Concept-centered study of mechanics, energy, waves, electricity, magnetism, and other physical principles with

Requirement Met	Course Title	Suggested Level	Description
			less mathematical intensity than a traditional physics course.
Physical + Lab	Algebra-Based Physics	CP / H	Rigorous study of mechanics, energy, momentum, waves, electricity, magnetism, and other physical systems using algebraic modeling and laboratory analysis.
Physical + Lab	AP Physics 1	AP	College-level algebra-based physics following the authorized AP framework with emphasis on conceptual understanding, mathematical modeling, and scientific inquiry.
Physical + Lab	AP Physics 2	AP	College-level algebra-based physics extending study into fluids, thermodynamics, electricity, magnetism, optics, and modern physics under the authorized AP framework.
Physical + Lab	AP Physics C	AP	Calculus-based college physics in mechanics and/or electricity and magnetism following the applicable authorized AP framework.
Physical + Lab	Physical Science	Standard / CP	Integrated study of foundational chemistry and physics including matter, energy, forces, motion, waves, electricity, atomic structure, and experimental investigation.
Physical + Lab	Materials Science	Standard / CP / H / CTE	Study of metals, ceramics, polymers, composites, crystalline structure, material properties, failure, processing, testing, and engineering applications.
Physical + Lab	Electronics & Circuit Science	Standard / CP / CTE	Scientific study of electricity, circuits, voltage, current, resistance, power, components, measurement, and electronic systems through laboratory investigation.
Physical + Lab	Energy Science	Standard / CP / H / CTE	Study of energy forms, transformations, thermodynamics, electricity, fuels, efficiency, energy production, storage, and environmental impacts.
Physical + Lab	Renewable Energy Science	Standard / CP / CTE	Scientific study of solar, wind, hydroelectric, geothermal, biomass, and energy-storage systems, including efficiency, electricity, environmental effects, and experimental analysis.

Requirement Met	Course Title	Suggested Level	Description
Physical + Lab	Acoustics: The Science of Sound	Standard / CP	Study of waves, vibration, frequency, resonance, harmonics, sound production, hearing, musical acoustics, and experimental wave behavior.
Physical + Lab	Optics: Light & Vision	CP / H	Study of light, reflection, refraction, lenses, mirrors, color, electromagnetic radiation, optical instruments, and applications of geometric and physical optics.
Earth/Space + Lab	Earth Science	Standard / CP	Integrated study of geology, meteorology, oceanography, Earth systems, natural resources, geologic history, and Earth's place in space.
Earth/Space + Lab	Earth & Space Science	Standard / CP / H	Study of Earth's interacting systems together with astronomy, planetary science, geologic processes, climate, and Earth's position within the universe.
Earth/Space + Lab	Geology	Standard / CP / H	Study of minerals, rocks, plate tectonics, Earth's interior, geologic structures, surface processes, fossils, geologic time, and field/laboratory analysis.
Earth/Space + Lab	Astronomy	Standard / CP / H	Scientific study of the solar system, stars, galaxies, cosmology, celestial motion, light, astronomical observation, and the physical laws governing the universe.
Earth/Space + Lab	Meteorology	Standard / CP / H	Study of the atmosphere, weather systems, pressure, temperature, moisture, clouds, storms, forecasting, data interpretation, and atmospheric processes.
Earth/Space + Lab	Oceanography	Standard / CP / H	Study of ocean chemistry, geology, circulation, waves, climate interactions, marine environments, seafloor processes, and oceanographic investigation.
Earth/Space + Lab	Climate Science	CP / H	Study of Earth's climate system, atmospheric and oceanic circulation, energy balance, paleoclimate, climate data, modeling, and natural and human influences.
Earth/Space + Lab	Paleontology	Standard / CP / H	Scientific study of fossils, ancient organisms, evolution, extinction, geologic time, sedimentary environments, and reconstruction of past ecosystems.
Earth/Space + Lab	Volcanology & Earthquakes	Standard / CP	Focused study of plate tectonics, volcanoes, earthquakes, seismic waves, Earth's interior, geologic hazards, monitoring, and risk analysis.

Requirement Met	Course Title	Suggested Level	Description
Earth/Space + Lab	Natural Hazards & Disaster Science	Standard / CP / CTE	Scientific study of earthquakes, volcanoes, hurricanes, tornadoes, floods, landslides, wildfires, risk, forecasting, mitigation, and disaster impacts.
Interdisciplinary + Lab	Environmental Science	Standard / CP / H	Interdisciplinary study of ecosystems, resources, populations, pollution, energy, climate, biodiversity, sustainability, and human interactions with natural systems.
Interdisciplinary + Lab	AP Environmental Science	AP	College-level environmental science following the authorized AP framework with laboratory and field investigation of ecological, physical, chemical, and human systems.
Interdisciplinary + Lab	Forensic Science	Standard / CP / H / CTE	Application of biology, chemistry, physics, and scientific reasoning to evidence such as fingerprints, DNA, trace materials, blood patterns, toxicology, impressions, and questioned documents.
Interdisciplinary + Lab	Food Science	Standard / CP / CTE	Scientific study of food chemistry, microbiology, nutrition, preservation, fermentation, heat transfer, ingredient interactions, safety, and experimental food preparation.
Interdisciplinary + Lab	Exercise Science	Standard / CP / CTE	Scientific study of anatomy, physiology, biomechanics, energy systems, physical performance, fitness, recovery, and physiological responses to exercise.
Interdisciplinary + Lab	Sports Science	Standard / CP / CTE	Application of physiology, biomechanics, physics, nutrition, statistics, and measurement to athletic performance, training, movement, and recovery.
Interdisciplinary + Lab	Kinesiology	Standard / CP / CTE	Scientific study of human movement integrating anatomy, physiology, biomechanics, motor control, exercise, and analysis of physical performance.
Interdisciplinary + Lab	Nutrition Science	Standard / CP / CTE	Scientific study of nutrients, metabolism, digestion, energy balance, dietary needs, food chemistry, health, and evidence-based nutrition.
Interdisciplinary + Lab	Epidemiology & Disease	CP / H / CTE	Study of disease patterns in populations, transmission, risk, outbreak investigation, data interpretation, public health, and biological mechanisms of disease.

Requirement Met	Course Title	Suggested Level	Description
Interdisciplinary + Lab	Public Health Science	Standard / CP / CTE	Interdisciplinary study of population health, disease prevention, environmental health, epidemiology, health behavior, data, and community health.
Interdisciplinary + Lab	Biomedical Science	CP / H / CTE	Integrated biological and medical science emphasizing human systems, disease, diagnostics, laboratory methods, biotechnology, and medical investigation.
Interdisciplinary + Lab	Pathophysiology	CP / H / CTE	Advanced study of how disease and injury disrupt normal human physiology, integrating anatomy, cell biology, body systems, diagnostics, and clinical applications.
Interdisciplinary + Lab	Pharmacology Foundations	CP / H / CTE	Scientific study of how drugs interact with biological systems, including dosage concepts, absorption, metabolism, mechanisms of action, therapeutic effects, and safety.
Interdisciplinary + Lab	Engineering Science	Standard / CP / H / CTE	Application of physics, mathematics, materials science, energy, forces, measurement, experimentation, and engineering design to solve technical problems.
Interdisciplinary + Lab	Robotics Science	Standard / CP / CTE	Applied study of mechanics, electricity, sensors, control systems, programming, energy, measurement, and experimentation through robotic systems.
Interdisciplinary + Lab	Aerospace Science	Standard / CP / H / CTE	Study of aerodynamics, forces, propulsion, flight, atmospheric science, orbital mechanics, materials, and aerospace systems.
Interdisciplinary + Lab	Aviation Science	Standard / CP / CTE	Scientific principles of flight including aerodynamics, weather, navigation, aircraft systems, forces, energy, and human factors.
Interdisciplinary + Lab	Agricultural Science	Standard / CP / CTE	Integrated study of biological, environmental, chemical, and physical principles applied to crops, animals, soils, resources, and agricultural systems.
Interdisciplinary + Lab	Soil Science	Standard / CP / CTE	Study of soil formation, composition, chemistry, biology, fertility, water relationships, classification, conservation, and agricultural/environmental applications.
Interdisciplinary + Lab	Horticultural Science	Standard / CP / CTE	Scientific study of plant growth, propagation, soils, nutrition, pests, greenhouse systems, landscape plants, and controlled experimentation.

Requirement Met	Course Title	Suggested Level	Description
Interdisciplinary + Lab	Conservation Science	Standard / CP / H	Study of biodiversity, ecology, wildlife, natural resources, habitat, population management, environmental threats, and evidence-based conservation.
Interdisciplinary + Lab	Water Science	Standard / CP / CTE	Study of water chemistry, hydrology, watersheds, aquatic systems, water quality, treatment, pollution, testing, and resource management.
Interdisciplinary + Lab	Scientific Investigation & Experimental Design	CP / H	Advanced course centered on experimental design, measurement, data collection, statistics, error analysis, scientific literature, research, and independent investigation.
Science Credit	Health Science	Standard / CTE	Survey of human health and healthcare incorporating anatomy, physiology, disease, wellness, medical terminology, public health, and healthcare systems.
Science Credit	Medical Science	Standard / CP / CTE	Broad introduction to biological and health sciences including human systems, disease, diagnostics, treatment concepts, medical technology, and healthcare applications.
Science Credit	Veterinary Science	Standard / CP / CTE	Study of animal anatomy, physiology, health, disease, nutrition, reproduction, handling, and veterinary-care principles.
Science Credit	Equine Science	Standard / CTE	Study of horse anatomy, physiology, nutrition, reproduction, genetics, health, behavior, management, and care.
Science Credit	Wildlife Science	Standard / CP / CTE	Study of wildlife biology, ecology, populations, habitat, behavior, conservation, management, and field observation.
Science Credit	Forestry Science	Standard / CP / CTE	Study of forest ecosystems, tree biology, identification, soils, succession, management, conservation, measurement, and resource use.
Science Credit	Environmental Health	Standard / CP / CTE	Study of relationships between environmental conditions and human health, including air, water, toxins, waste, disease vectors, risk, and public-health interventions.

Requirement Met	Course Title	Suggested Level	Description
Science Credit	Fire Science	Standard / CTE	Scientific principles of combustion, heat transfer, fire behavior, building materials, suppression, hazardous materials, and fire dynamics.
Science Credit	Introduction to Nanoscience	CP / H / CTE	Study of matter and materials at the nanoscale, including atomic structure, surface effects, nanoscale properties, applications, and emerging technologies.
Science Credit	History & Philosophy of Science	Standard / CP / H	Study of major scientific ideas, discoveries, methods, controversies, and the historical and philosophical development of scientific knowledge.
Science Elective / CTE Support	Medical Terminology & Medical Science	Standard / CTE	Introduction to medical language integrated with basic anatomy, physiology, disease processes, diagnostics, and healthcare applications.
Science Elective / CTE Support	Dental Science Foundations	Standard / CTE	Introduction to oral anatomy, dental health, infection control, materials, disease processes, radiographic concepts, and dental-care science.
Science Elective / CTE Support	Cosmetology Science	Standard / CTE	Applied study of hair, skin, nails, chemistry, microbiology, sanitation, pH, products, anatomy, and scientific principles underlying cosmetology.
Science Elective / CTE Support	Automotive Systems Science	Standard / CTE	Scientific principles underlying engines, energy conversion, fluids, electricity, heat, friction, materials, combustion, and vehicle systems.
Science Elective / CTE Support	Building Science	Standard / CTE	Applied study of heat transfer, moisture, airflow, structural materials, energy efficiency, indoor environments, insulation, and building performance.
Science Elective / CTE Support	Small Engine Science	Standard / CTE	Applied study of combustion, energy, mechanical systems, electricity, fluids, materials, measurement, and diagnostics through small engines.
Science Elective / CTE Support	Science of Cooking	Standard / CTE	Applied chemistry, physics, microbiology, and biology of cooking, including heat, proteins, starches, emulsions, fermentation, browning, and food safety.
Science Elective / CTE Support	Fermentation Science	Standard / CP / CTE	Study of microorganisms, biochemical processes, food chemistry, environmental conditions, preservation, and controlled fermentation.

Requirement Met	Course Title	Suggested Level	Description
Science Elective	Science of Everyday Life	Standard	Scientific investigation of familiar phenomena involving household chemistry, energy, materials, food, motion, weather, biology, and consumer products.
Science Elective	History of Medicine	Standard / CP	Interdisciplinary study of changing scientific understandings of anatomy, disease, public health, surgery, pharmaceuticals, and medical technology.
Science Elective	History of Scientific Discovery	Standard / CP	Study of major discoveries and scientific revolutions through experiments, scientists, evidence, changing models, and historical context.
Science Elective	Science, Technology & Ethics	Standard / CP / H	Examination of scientific and technological developments through evidence, ethics, risk, public policy, research, and reasoned argument.
Science Elective	Science of Survival	Standard / CP	Applied biology, chemistry, physics, Earth science, and environmental science through problems involving water, shelter, temperature, navigation, nutrition, and human physiology.
Science Elective	Field Biology & Natural History	Standard / CP	Observation-based study of local plants, animals, ecosystems, geology, seasonal change, identification, field methods, and natural-history documentation.
Science Elective	Citizen Science & Field Research	Standard / CP / H	Student participation in authentic scientific data collection, field observation, research methods, data analysis, scientific communication, and independent investigation.

Important Classification Information:

Laboratory designation.

The student's course should include substantial hands-on or experimental investigation, data collection/analysis, and appropriate documentation.

College Prep science.

Students to build a sequence with genuine disciplinary breadth. **Biology + Chemistry + Physics** remains the strongest traditional foundation, but it doesn't need to be the only defensible sequence. A rigorous **Biology + Chemistry + Anatomy & Physiology**, for example, makes excellent sense for a future nursing student. Other sequences are encouraged based upon career goals.

Science Credit and **Science Elective / CTE Support** courses while legitimate high-school science coursework, may not be viewed by a university as equivalent to a traditional laboratory biology, chemistry, or physics course. Students should examine any courses with an eye towards goals and potential colleges.

Social Studies Course Options

For Social Studies, I'd make the **Requirement Met** column do more work than it did for English. Since our diploma charts specifically expect coverage of **World History, U.S. History, Government, and Economics**, parents need to know whether a creative course can actually fill one of those core areas or is better treated as an additional social-studies elective.

Requirement Met	Course Title	Suggested Level	Description
World History	World History	Standard / CP / H	Broad chronological study of major civilizations, political systems, religions, conflicts, cultural developments, economic systems, and global interactions from ancient times to the present.
World History	World Civilizations	Standard / CP / H	Comparative study of major civilizations emphasizing culture, government, religion, economics, technology, conflict, migration, and interaction among societies.
World History	Ancient World History	Standard / CP / H	Study of ancient Mesopotamia, Egypt, Israel, Greece, Rome, India, China, and other early civilizations through political, cultural, religious, and economic developments.
World History	Medieval & Early Modern World	Standard / CP / H	Study of world civilizations from the decline of the ancient world through medieval societies, Renaissance, Reformation, exploration, and emergence of early modern states.
World History	Modern World History	Standard / CP / H	Study of global developments from approximately 1500 to the present, including exploration, revolutions, industrialization, imperialism, world wars, decolonization, and globalization.
World History	Global Studies: Peoples, Power & Ideas	Standard / CP / H	Thematic world-history course examining political power, religion, migration, trade, technology, revolution, conflict, and cultural exchange across civilizations and historical periods.
World History	Revolutions That Changed the World	Standard / CP / H	Comparative historical study of major political, social, industrial, and intellectual revolutions and their causes, ideas, consequences, and global influence.
World History	Empires & Civilizations	Standard / CP / H	Comparative study of the rise, governance, culture, expansion, interaction, and decline of major empires and civilizations throughout world history.

Requirement Met	Course Title	Suggested Level	Description
World History	War, Peace & the Modern World	CP / H	Historical study of major international conflicts, diplomacy, nationalism, ideology, military change, civilian experience, and the development of the modern international order.
World History	World History Through Primary Sources	CP / H	Broad world-history survey centered on analysis of speeches, laws, letters, diaries, religious texts, political documents, maps, images, and other primary evidence.
World History	AP World History: Modern	AP	College-level world history following the authorized AP framework, emphasizing developments since approximately 1200, historical reasoning, comparison, causation, continuity, and primary-source analysis.
U.S. History	United States History	Standard / CP / H	Comprehensive study of American history from Indigenous societies and European colonization through the development of the United States and contemporary America.
U.S. History	American History	Standard / CP / H	Chronological study of the political, social, economic, military, religious, and cultural development of the United States.
U.S. History	Early American History	Standard / CP / H	Study of Indigenous America, colonization, the Revolution, Constitution, early republic, westward expansion, sectionalism, Civil War, and Reconstruction.
U.S. History	Modern American History	Standard / CP / H	Study of the United States from Reconstruction and industrialization through the world wars, Cold War, civil-rights era, and contemporary developments.
U.S. History	American History Through Primary Sources	CP / H	U.S. history emphasizing direct analysis of founding documents, speeches, court opinions, newspapers, letters, photographs, political writings, and other historical evidence.
U.S. History	American Wars & Society	Standard / CP / H	Study of major American wars and their political, social, economic, constitutional, technological, and cultural consequences at home and abroad.
U.S. History	The American Presidency	Standard / CP / H	Historical study of the presidency from Washington to the modern era, examining executive power, elections, leadership, crises, public communication, and changing expectations of the office.

Requirement Met	Course Title	Suggested Level	Description
U.S. History	The American South	Standard / CP / H	Regional history examining settlement, slavery, Civil War, Reconstruction, industrialization, segregation, civil rights, culture, economics, and the changing South.
U.S. History	African American History	Standard / CP / H	Study of African American history from African origins and slavery through emancipation, Reconstruction, segregation, migration, civil rights, and contemporary America.
U.S. History	Women's History in America	Standard / CP / H	Study of women's experiences and influence in American political, economic, social, family, religious, intellectual, and cultural history.
U.S. History	Immigration & the American Experience	Standard / CP / H	Historical study of migration to the United States, immigration law, settlement, labor, assimilation, cultural identity, nativism, and immigrant communities.
U.S. History	American Labor & Industry	Standard / CP / CTE	Historical study of industrialization, workers, unions, technological change, manufacturing, business, labor movements, regulation, and transformations in American work.
U.S. History	Maryland History	Standard / CP	Study of Maryland's Indigenous peoples, colonial development, religious history, Revolution, slavery, Civil War experience, industry, politics, communities, and role in national history.
U.S. History	History of the Chesapeake	Standard / CP	Regional study of Maryland and Virginia through Indigenous history, colonization, tobacco, slavery, waterways, war, commerce, communities, and environmental change.
U.S. History	AP United States History	AP	College-level U.S. history following the authorized AP framework with intensive historical reasoning, document analysis, argumentation, and interpretation.
Government	American Government	Standard / CP / H	Study of constitutional principles, federalism, the three branches, elections, political participation, civil liberties, civil rights, public policy, and state and local government.
Government	Civics & American Government	Standard / CP	Study of the Constitution, institutions of government, citizenship, elections, law, rights, responsibilities, public policy, and civic participation.

Requirement Met	Course Title	Suggested Level	Description
Government	Constitutional Government	CP / H	Intensive study of the U.S. Constitution, federalism, separation of powers, checks and balances, individual rights, constitutional interpretation, and institutional development.
Government	Constitutional Law & Civil Liberties	CP / H	Study of constitutional principles through major legal controversies and court decisions involving speech, religion, due process, equal protection, privacy, federalism, and government power.
Government	The Supreme Court & American Law	CP / H	Historical and constitutional study of the Supreme Court, judicial review, landmark cases, competing methods of interpretation, and the Court's role in American government.
Government	Elections, Campaigns & Political Institutions	Standard / CP / H	Nonpartisan study of elections, parties, campaigns, polling, media, voter behavior, Congress, the presidency, and institutions shaping American political outcomes.
Government	State & Local Government	Standard / CP	Study of state constitutions, governors, legislatures, courts, counties, municipalities, school governance, taxation, public services, elections, and local civic participation.
Government	Maryland Government & Civics	Standard / CP	Study of Maryland's constitution, General Assembly, governor, courts, county and municipal government, elections, public policy, and citizens' interaction with state government.
Government	Comparative Government	CP / H	Comparative study of political systems, constitutions, legislatures, executives, courts, parties, elections, authoritarianism, democracy, and political institutions across nations.
Government	AP United States Government & Politics	AP	College-level American government following the authorized AP framework, emphasizing constitutional foundations, institutions, political participation, civil liberties, and political analysis.
Government	AP Comparative Government & Politics	AP	College-level comparative study of political systems and institutions following the authorized AP framework.

Requirement Met	Course Title	Suggested Level	Description
Government	Law & Citizenship	Standard / CP / CTE	Study of constitutional rights, criminal and civil law, courts, contracts, consumer law, family law, civic responsibility, and citizens' interactions with legal institutions.
Government	Public Policy & Civic Leadership	Standard / CP / H	Study of how governments identify problems, develop policy, allocate resources, implement programs, and evaluate outcomes, with opportunities for civic research and participation.
Economics	Economics	Standard / CP / H	Study of scarcity, incentives, supply and demand, markets, competition, labor, money, banking, inflation, unemployment, economic growth, trade, and government economic policy.
Economics	Principles of Economics	CP / H	Rigorous introduction to microeconomic and macroeconomic principles, markets, incentives, production, monetary and fiscal policy, growth, trade, and economic analysis.
Economics	Economics & Personal Finance	Standard / CP	Integrated study of economic principles and personal financial decision-making, including markets, employment, banking, credit, taxes, insurance, saving, investing, and economic policy.
Economics	Free Enterprise & the American Economy	Standard / CP	Study of markets, entrepreneurship, competition, labor, business organization, regulation, money, banking, government policy, and the historical development of the American economy.
Economics	Entrepreneurship & Economics	Standard / CP / CTE	Economic principles explored through entrepreneurship, pricing, markets, competition, costs, labor, risk, business cycles, incentives, and business decision-making.
Economics	Economic History of the United States	CP / H	Historical and economic study of agriculture, trade, industrialization, labor, banking, depressions, government policy, consumer culture, globalization, and technological change.
Economics	Global Economics	CP / H	Study of international trade, exchange, development, globalization, economic systems, monetary

Requirement Met	Course Title	Suggested Level	Description
			relationships, inequality, resources, and global economic institutions.
Economics	Behavioral Economics	CP / H	Study of economic decision-making through incentives, cognitive bias, risk, heuristics, consumer behavior, experimental evidence, and departures from traditional economic models.
Economics	AP Microeconomics	AP	College-level microeconomics following the authorized AP framework, including markets, consumer and producer behavior, competition, market failure, and government intervention.
Economics	AP Macroeconomics	AP	College-level macroeconomics following the authorized AP framework, including national income, inflation, unemployment, economic growth, monetary policy, fiscal policy, and international economics.
Economics	Business Economics	Standard / CP / CTE	Application of economic principles to firms, pricing, costs, competition, labor, markets, supply chains, consumer behavior, and business decision-making.
History Elective	Military History	Standard / CP / H	Study of warfare across historical periods emphasizing strategy, technology, leadership, logistics, political objectives, civilian effects, and the relationship between war and society.
History Elective	History of Warfare & Technology	Standard / CP / H / CTE	Historical study of how weapons, transportation, communication, medicine, industry, engineering, and technological innovation have changed warfare and society.
History Elective	History of Christianity	Standard / CP / H	Historical study of Christianity from the early church through major councils, movements, divisions, Reformation, missions, revivals, global expansion, and modern developments.
History Elective	Church History	Standard / CP / H	Study of the development of the Christian church, major figures, theological controversies, councils, denominations, reform movements, missions, and historical contexts.
History Elective	Reformation History	Standard / CP / H	Focused study of the Protestant Reformation, Catholic Reformation, major reformers, theological disputes,

Requirement Met	Course Title	Suggested Level	Description
			political consequences, print culture, and changes in European society.
History Elective	History of Western Civilization	Standard / CP / H	Broad study of Western political, religious, intellectual, economic, and cultural development from the ancient Mediterranean through the modern era.
History Elective	European History	Standard / CP / H	Study of European political, social, economic, religious, and intellectual developments from the medieval or early modern period through the present.
History Elective	AP European History	AP	College-level European history following the authorized AP framework with intensive source analysis, historical argumentation, and interpretation.
History Elective	British History	Standard / CP / H	Study of Britain's political, constitutional, religious, imperial, industrial, social, and cultural development.
History Elective	Russian & Soviet History	CP / H	Study of imperial Russia, revolution, Soviet government, communism, Stalinism, World War II, the Cold War, Soviet collapse, and historical consequences.
History Elective	History of the Middle East	Standard / CP / H	Study of the Middle East's civilizations, religions, empires, colonial encounters, nationalism, conflicts, political developments, and modern states.
History Elective	East Asian History	Standard / CP / H	Study of China, Japan, Korea, and neighboring societies through political, cultural, religious, economic, and international developments.
History Elective	African History	Standard / CP / H	Study of African civilizations, kingdoms, trade networks, cultures, colonialism, resistance, independence, and modern developments.
History Elective	Latin American History	Standard / CP / H	Study of Indigenous civilizations, European colonization, independence, political change, economic development, culture, and modern Latin America.
History Elective	History of Ideas	CP / H	Historical examination of influential political, religious, philosophical, scientific, and social ideas and their impact on institutions and societies.
History Elective	Intellectual History	CP / H	Advanced study of major ideas, thinkers, movements, texts, and debates that shaped political, religious, scientific, economic, and cultural history.

Requirement Met	Course Title	Suggested Level	Description
History Elective	History of Science & Technology	Standard / CP / H	Historical study of scientific discovery, invention, industrialization, medicine, transportation, communication, computing, and their effects on society.
History Elective	History of Medicine & Public Health	Standard / CP / CTE	Historical study of medicine, disease, epidemics, hospitals, surgery, pharmaceuticals, public health, medical ethics, and changing understandings of health.
History Elective	History of Crime & Punishment	Standard / CP / H / CTE	Historical study of crime, policing, courts, prisons, punishment, forensic developments, legal reform, and changing ideas about justice.
History Elective	History of Espionage & Intelligence	Standard / CP / H	Study of intelligence gathering, espionage, codebreaking, covert operations, propaganda, surveillance, and their roles in major historical conflicts.
History Elective	History of Exploration	Standard / CP	Study of exploration, navigation, trade, encounters among cultures, cartography, colonization, scientific expeditions, and competing interpretations of exploration.
History Elective	Maritime History	Standard / CP / CTE	Study of seafaring, navigation, naval power, commerce, piracy, exploration, shipbuilding, migration, and the influence of oceans on historical development.
History Elective	Aviation & Spaceflight History	Standard / CP / CTE	Historical study of flight, aviation technology, military and commercial aviation, the space race, exploration, and aerospace innovation.
History Elective	Agricultural History	Standard / CP / CTE	Study of farming, domestication, land use, agricultural technology, labor, food systems, rural life, industrial agriculture, and agriculture's role in civilization.
History Elective	History of Food & Culture	Standard / CP / CTE	Historical study of agriculture, trade, migration, class, technology, religion, empire, and cultural exchange through food and culinary traditions.
History Elective	Fashion & Society Through History	Standard / CP / CTE	Study of clothing and fashion as evidence of technology, economics, class, gender, work, trade, politics, culture, and social change.

Requirement Met	Course Title	Suggested Level	Description
History Elective	Architecture & the Built World	Standard / CP / CTE	Historical study of architecture, cities, engineering, materials, design, technology, culture, religion, and political power through the built environment.
History Elective	History Through Film	Standard / CP	Critical examination of historical events and periods alongside their portrayal in film, emphasizing source comparison, historical accuracy, interpretation, and public memory.
History Elective	Archaeology & Ancient Cultures	Standard / CP / H	Study of ancient societies through material evidence, archaeological methods, artifacts, settlement patterns, historical interpretation, and preservation.
Social Science Elective	Psychology	Standard / CP / H	Introduction to human behavior and mental processes including cognition, development, learning, memory, personality, social behavior, research methods, and psychological theory.
Social Science Elective	AP Psychology	AP	College-level introductory psychology following the authorized AP framework and emphasizing psychological science, research, behavior, cognition, development, and application.
Social Science Elective	Sociology	Standard / CP / H	Study of human groups and societies including culture, socialization, institutions, family, inequality, deviance, demographic change, and social research.
Social Science Elective	Anthropology	Standard / CP / H	Study of human societies and cultures through cultural, biological, archaeological, and linguistic perspectives.
Social Science Elective	Cultural Anthropology	Standard / CP / H	Comparative study of human cultures, beliefs, family systems, economies, religion, language, identity, customs, and cultural change.
Social Science Elective	Archaeology	Standard / CP / H	Study of past human societies through artifacts, sites, excavation, dating methods, material culture, interpretation, and archaeological ethics.
Social Science Elective	Human Geography	Standard / CP / H	Study of population, migration, culture, cities, economic activity, political geography, development, human-environment interaction, and spatial patterns.
Social Science Elective	AP Human Geography	AP	College-level human geography following the authorized AP framework, emphasizing spatial relationships among

Requirement Met	Course Title	Suggested Level	Description
			population, culture, politics, agriculture, cities, and economic development.
Social Science Elective	Political Science	CP / H	Study of political institutions, political behavior, power, ideology, public policy, comparative systems, political theory, and methods of political analysis.
Social Science Elective	International Relations	CP / H	Study of relations among nations, diplomacy, war, international organizations, trade, security, international law, human rights, and global political systems.
Social Science Elective	Geopolitics	CP / H	Study of geography, resources, borders, demographics, trade routes, military strategy, alliances, and their influence on international power and conflict.
Social Science Elective	Criminal Justice	Standard / CP / CTE	Study of law enforcement, courts, corrections, criminal law, constitutional rights, crime, justice policy, and institutions of the American criminal-justice system.
Social Science Elective	Criminology	Standard / CP / H / CTE	Study of crime as a social phenomenon, including theories of criminal behavior, crime measurement, patterns of offending, victimization, institutions, and prevention.
Social Science Elective	Law & Society	Standard / CP / H	Study of how law develops and functions within society, including courts, rights, social change, legal institutions, public attitudes, and competing concepts of justice.
Social Science Elective	Social Psychology	CP / H	Study of how individuals think about, influence, and relate to others, including conformity, persuasion, group behavior, prejudice, relationships, and social perception.
Social Science Elective	Child & Adolescent Development	Standard / CP / CTE	Study of physical, cognitive, emotional, social, and moral development from childhood through adolescence, particularly useful for education and childcare pathways.
Social Science Elective	Family Studies	Standard / CTE	Study of family structures, relationships, communication, development, parenting, household roles, cultural influences, and contemporary family issues.

Requirement Met	Course Title	Suggested Level	Description
Social Science Elective	Ethics & Contemporary Issues	Standard / CP / H	Structured examination of contemporary social and ethical questions using evidence, competing arguments, ethical frameworks, discussion, and reasoned analysis.
Social Science Elective	Media, Propaganda & Public Opinion	Standard / CP / H	Study of propaganda, persuasion, news, political communication, advertising, polling, public opinion, media systems, source evaluation, and information literacy.
Social Science Elective	Race, Ethnicity & American Society	CP / H	Historical and sociological study of race, ethnicity, immigration, identity, law, institutions, discrimination, demographic change, and American social development.
Social Science Elective	Religion & Society	Standard / CP / H	Comparative social-science study of religious beliefs, institutions, practices, demographics, social influence, religious liberty, and religion's interaction with culture and government.
Social Science Elective	World Religions	Standard / CP / H	Academic comparative study of major world religions, their origins, texts, beliefs, practices, historical development, cultures, and global influence.
Social Science Elective	Demography & Population Studies	CP / H	Study of population growth, fertility, mortality, migration, age structure, urbanization, demographic data, and the social and economic consequences of population change.
Social Science Elective	Urban Studies	Standard / CP	Interdisciplinary study of cities, including population, housing, transportation, economics, government, planning, inequality, infrastructure, and urban development.
Social Science Elective	Rural America	Standard / CP	Historical and sociological study of rural communities, agriculture, demographic change, economics, culture, infrastructure, institutions, and contemporary rural issues.
Social Science Elective	Consumer Behavior	Standard / CP / CTE	Social-science study of how psychological, cultural, economic, and social factors influence purchasing decisions, marketing responses, and consumer choices.

Requirement Met	Course Title	Suggested Level	Description
Social Science Elective	Leadership & Organizational Behavior	Standard / CP / CTE	Study of leadership, motivation, group dynamics, communication, decision-making, organizational culture, conflict, and human behavior within organizations.
Interdisciplinary Social Studies	American Government & Economics	Standard / CP	Integrated course combining constitutional government, citizenship, political institutions, markets, economic systems, public policy, and government involvement in the economy.
Interdisciplinary Social Studies	American Studies	Standard / CP / H	Interdisciplinary examination of U.S. history, government, literature, culture, economics, and society through historical evidence and thematic inquiry.
Interdisciplinary Social Studies	Western Civilization & Political Thought	CP / H	Historical study of Western civilization integrated with major political ideas, institutions, philosophical traditions, and primary political texts.
Interdisciplinary Social Studies	Ideas That Changed the World	Standard / CP / H	Historical examination of influential political, economic, religious, philosophical, scientific, and social ideas and the societies they transformed.
Interdisciplinary Social Studies	Human Rights in History	CP / H	Historical and political study of natural rights, slavery, religious liberty, genocide, civil rights, international human-rights movements, law, and competing understandings of rights.
Interdisciplinary Social Studies	Genocide & Human Rights	CP / H	Historical study of genocide, mass violence, human rights, international response, memory, testimony, law, prevention, and ethical questions surrounding historical atrocities.
Interdisciplinary Social Studies	Cold War: Espionage, Ideology & Nuclear Power	Standard / CP / H	Interdisciplinary study of the Cold War through political ideology, diplomacy, proxy wars, espionage, nuclear strategy, propaganda, technology, and everyday life.
Interdisciplinary Social Studies	The Civil Rights Movement	Standard / CP / H	Intensive historical, political, and social study of the American civil-rights movement, its organizations, leaders, legal battles, grassroots activism, opposition, and legacy.
Interdisciplinary Social Studies	The Constitution & the Founding Era	CP / H	Intensive study of the Revolution, Articles of Confederation, Constitutional Convention, Federalist

Requirement Met	Course Title	Suggested Level	Description
			and Anti-Federalist debates, ratification, Bill of Rights, and early constitutional interpretation.
Interdisciplinary Social Studies	Presidential Elections in American History	Standard / CP / H	Study of pivotal presidential elections as windows into political parties, constitutional issues, social change, media, campaigning, voter behavior, and American history.
Interdisciplinary Social Studies	Supreme Court Cases That Changed America	CP / H	Historical and constitutional examination of landmark Supreme Court cases and their effects on federal power, individual rights, citizenship, equality, and American society.
Interdisciplinary Social Studies	True Crime, Law & American Society	Standard / CP / CTE	Historical and social-science examination of selected crimes through law, criminal justice, media, evidence, public response, ethics, and broader social context.
Interdisciplinary Social Studies	History of American Business & Entrepreneurship	Standard / CP / CTE	Study of entrepreneurs, corporations, innovation, labor, markets, regulation, consumer culture, finance, technology, and the changing American economy.
Interdisciplinary Social Studies	Technology & Society	Standard / CP / H / CTE	Historical and social study of how technological changes affect work, communication, warfare, government, privacy, family, culture, economics, and everyday life.

Core requirements:

Students should receive substantial instruction in **World History, United States History, Government, and Economics**. However, flexibility exists in the focus and nature of the courses which can fulfill these areas.

Electives versus core. Courses such as Psychology, Sociology, Criminal Justice, Church History, Military History, Human Geography, and History of Medicine are excellent **Social Studies electives**, but for the typical College Prep student, they should not replace the core sequence.

Computer Science, Engineering & Technology Education Course Options

Requirement Met	Course Title	Suggested Level	Description
Technology Education	Technology Education	Standard / CP / CTE	Broad study of technological systems, engineering design, tools, materials, communication, manufacturing,

Requirement Met	Course Title	Suggested Level	Description
			transportation, energy, and the effects of technology on society.
Technology Education	Foundations of Technology	Standard / CP / CTE	Introduction to technological systems and the engineering-design process through problem solving, design challenges, modeling, prototyping, systems thinking, and evaluation.
Technology Education	Technology & Society	Standard / CP	Study of technological development and its effects on work, communication, transportation, energy, privacy, culture, economics, and everyday life.
Technology Education	Invention & Innovation	Standard / CP / CTE	Exploration of technological innovation through design challenges, prototyping, testing, redesign, intellectual property, entrepreneurship, and study of significant inventions.
Technology Education	Design & Technology	Standard / CP / CTE	Application of design processes, technical drawing, modeling, materials, tools, prototyping, testing, and iterative problem solving to technological challenges.
Technology Education	Engineering Design	Standard / CP / H / CTE	Engineering-design process emphasizing problem definition, research, constraints, mathematical and scientific analysis, modeling, prototyping, testing, optimization, and technical communication.
Technology Education	Introduction to Engineering	Standard / CP / CTE	Survey of engineering fields and practices through design challenges involving structures, machines, energy, electronics, materials, systems, and technical problem solving.
Technology Education	Principles of Engineering	CP / H / CTE	Rigorous application of mathematics and science to engineering systems, mechanisms, energy, structures, materials, control systems, design, experimentation, and analysis.
Technology Education	Engineering Design & Development	CP / H / CTE	Advanced project-based course in which students identify a problem, research solutions, develop specifications, prototype, test, redesign, document, and present an engineered solution.
Technology Education	Mechanical Design & Engineering	Standard / CP / CTE	Study of mechanisms, forces, motion, machines, materials, technical drawing, modeling, prototyping, and mechanical-system design.

Requirement Met	Course Title	Suggested Level	Description
Technology Education	Civil Engineering & Architecture	Standard / CP / H / CTE	Applied study of structures, site planning, building systems, architectural design, engineering principles, CAD, modeling, codes, and construction documentation.
Technology Education	Structural Engineering & Design	CP / H / CTE	Study of loads, forces, materials, structural systems, trusses, beams, stability, modeling, testing, and design of structures.
Technology Education	Environmental Engineering	CP / H / CTE	Engineering approaches to water, waste, pollution, energy, sustainability, resource management, environmental monitoring, and technological problem solving.
Technology Education	Renewable Energy Technology	Standard / CP / CTE	Design and operation of solar, wind, hydroelectric, geothermal, energy-storage, and efficiency technologies with practical system analysis and projects.
Technology Education	Electronics & Engineering	Standard / CP / CTE	Applied study of circuits, electrical components, measurement, sensors, control systems, troubleshooting, design, and construction of electronic devices.
Technology Education	Digital Electronics	CP / H / CTE	Study of digital logic, binary systems, logic gates, circuits, microcontrollers, electronic design, troubleshooting, and digital control systems.
Technology Education	Robotics	Standard / CP / CTE	Design, construction, programming, testing, and refinement of robotic systems incorporating mechanisms, sensors, electronics, control, and computational thinking.
Technology Education	Advanced Robotics	CP / H / CTE	Advanced robotic design involving autonomous systems, sensors, control algorithms, mechanical design, programming, testing, optimization, and technical documentation.
Technology Education	Mechatronics	Standard / CP / CTE	Integration of mechanical systems, electronics, sensors, actuators, controls, programming, and automation through design and troubleshooting projects.
Technology Education	Automation & Control Systems	CP / H / CTE	Study of automated systems, sensors, actuators, programmable controls, feedback, industrial processes, robotics, and system integration.
Technology Education	Manufacturing Technology	Standard / CTE	Study of manufacturing processes, materials, measurement, production systems, quality control, safety,

Requirement Met	Course Title	Suggested Level	Description
			automation, technical drawings, and modern manufacturing technology.
Technology Education	Advanced Manufacturing	Standard / CP / CTE	Modern manufacturing using CAD/CAM, CNC concepts, automation, robotics, additive manufacturing, precision measurement, quality systems, and production planning.
Technology Education	3D Design & Additive Manufacturing	Standard / CP / CTE	Creation of three-dimensional digital models and prototypes using CAD, design constraints, slicing, additive-manufacturing processes, testing, and iterative redesign.
Technology Education	Computer-Aided Design (CAD)	Standard / CP / CTE	Technical drawing and digital modeling using CAD software, including dimensioning, scale, orthographic views, assemblies, design standards, and production-ready drawings.
Technology Education	Advanced CAD & 3D Modeling	Standard / CP / H / CTE	Advanced parametric modeling, assemblies, technical documentation, design constraints, rendering, prototyping, and preparation of models for manufacturing or engineering.
Technology Education	Architectural Drafting & CAD	Standard / CP / CTE	Residential and architectural drawing using CAD, including floor plans, elevations, sections, dimensioning, symbols, spatial planning, and construction documentation.
Technology Education	Blueprint Reading & Technical Drawing	Standard / CTE	Interpretation and creation of technical drawings, plans, symbols, dimensions, scales, sections, specifications, and diagrams used in construction and manufacturing.
Technology Education	Construction Technology	Standard / CTE	Applied study of building systems, materials, tools, plans, measurement, structural concepts, safety, construction methods, and modern construction technologies.
Technology Education	Building Systems Technology	Standard / CTE	Study of structural, electrical, plumbing, HVAC, insulation, moisture-control, energy, and other systems that make buildings function efficiently.
Technology Education	Transportation Technology	Standard / CTE	Study of transportation systems and technologies involving automobiles, aviation, marine transportation, logistics, propulsion, energy, infrastructure, and emerging transportation systems.

Requirement Met	Course Title	Suggested Level	Description
Technology Education	Automotive Technology & Systems	Standard / CTE	Applied study of vehicle systems, diagnostics, engines, electrical systems, brakes, steering, drivetrain, technology, maintenance, and modern automotive design.
Technology Education	Small Engine Technology	Standard / CTE	Study of small-engine systems, combustion, ignition, fuel, lubrication, mechanical components, measurement, troubleshooting, maintenance, and repair technology.
Technology Education	Drone Technology & Unmanned Systems	Standard / CP / CTE	Study of unmanned aerial systems, flight principles, components, sensors, navigation, mapping, data collection, safety, regulation, and practical applications.
Technology Education	Aviation Technology	Standard / CP / CTE	Study of aircraft systems, aerodynamics, propulsion, navigation, instrumentation, materials, maintenance concepts, safety, and aviation technologies.
Computer Science	Computer Science Foundations	Standard / CP / CTE	Introduction to algorithms, programming, data, computer systems, networks, cybersecurity, computational thinking, and the social impacts of computing.
Computer Science	Introduction to Computer Science	Standard / CP / CTE	Broad introduction to programming, algorithms, problem solving, data representation, computer systems, networks, and computational concepts.
Computer Science	AP Computer Science Principles	AP	College-level introductory computing course following the authorized AP framework, including programming, data, algorithms, computer systems, networks, cybersecurity, and impacts of computing.
Computer Science	Computer Programming	Standard / CP / CTE	Programming fundamentals including variables, control structures, functions, algorithms, debugging, data structures, problem solving, and development of software projects.
Computer Science	Python Programming	Standard / CP / CTE	Programming and computational problem solving using Python, including variables, functions, control structures, collections, files, debugging, algorithms, and projects.
Computer Science	Java Programming	CP / CTE	Object-oriented programming using Java, including classes, methods, control structures, arrays, collections, algorithms, debugging, and software design.

Requirement Met	Course Title	Suggested Level	Description
Computer Science	C++ Programming	CP / H / CTE	Programming using C++ with emphasis on algorithms, functions, data structures, object-oriented design, memory concepts, debugging, and computational problem solving.
Computer Science	AP Computer Science A	AP	College-level object-oriented programming following the authorized AP Computer Science A framework, traditionally using Java.
Computer Science	Advanced Programming	CP / H / CTE	Advanced software development emphasizing algorithms, data structures, object-oriented design, testing, debugging, software architecture, and substantial programming projects.
Computer Science	Data Structures & Algorithms	CP / H / DE	Advanced study of arrays, lists, stacks, queues, trees, graphs, searching, sorting, recursion, algorithm design, complexity, and efficient problem solving.
Computer Science	Software Engineering	CP / H / CTE	Study of software-development processes including requirements, design, version control, testing, documentation, debugging, teamwork, maintenance, and substantial software projects.
Computer Science	Mobile App Development	Standard / CP / CTE	Design and programming of applications for mobile devices with attention to interface design, data handling, testing, debugging, deployment, and user experience.
Computer Science	Game Programming & Development	Standard / CP / CTE	Programming through interactive games, including logic, events, graphics, physics concepts, algorithms, debugging, design, and iterative development.
Computer Science	Web Development	Standard / CP / CTE	Creation of websites using HTML, CSS, scripting, responsive design, accessibility, usability, debugging, publishing, and modern web-development practices.
Computer Science	Advanced Web Development	CP / H / CTE	Advanced front-end and/or full-stack development incorporating programming, data, APIs, frameworks, version control, testing, accessibility, security, and substantial web projects.
Computer Science	Database Design & Development	Standard / CP / CTE	Study of relational databases, data modeling, tables, relationships, queries, SQL, normalization, data integrity, security, and database applications.

Requirement Met	Course Title	Suggested Level	Description
Computer Science	Data Science	CP / H / CTE	Computational study of data collection, cleaning, visualization, statistical analysis, programming, modeling, interpretation, and communication of findings.
Computer Science	Artificial Intelligence Foundations	CP / H / CTE	Introduction to artificial intelligence through algorithms, data, search, classification, machine learning concepts, model limitations, ethics, and practical applications.
Computer Science	Machine Learning Foundations	CP / H / CTE	Introductory study of machine-learning workflows including data preparation, training and testing, classification, regression, model evaluation, bias, and computational projects.
Computer Science	Computer Graphics & Visualization	Standard / CP / CTE	Computational creation and manipulation of graphics, animation, visualization, geometry, digital images, rendering, and interactive visual systems.
Computer Science	Physical Computing	Standard / CP / CTE	Programming integrated with microcontrollers, sensors, motors, circuits, data collection, and construction of interactive physical systems.
Computer Science	Embedded Systems & Microcontrollers	CP / H / CTE	Programming and electronic design using microcontrollers, sensors, actuators, interfaces, timing, data acquisition, and embedded-system projects.
Cybersecurity / IT	Cybersecurity Foundations	Standard / CP / CTE	Study of digital security, threats, vulnerabilities, authentication, encryption concepts, networks, system protection, risk, privacy, ethics, and defensive practices.
Cybersecurity / IT	Advanced Cybersecurity	CP / H / CTE	Advanced study of network and system defense, threat analysis, security architecture, cryptography concepts, incident response, vulnerability assessment, and ethical security practice.
Cybersecurity / IT	Digital Forensics	Standard / CP / CTE	Study of digital evidence, file systems, metadata, data recovery concepts, investigative procedures, documentation, chain of custody, legal/ethical issues, and forensic analysis.
Cybersecurity / IT	Ethical Hacking & Defensive Security	CP / H / CTE	Authorized and defensive study of vulnerabilities, penetration-testing concepts, security assessment, system hardening, network defense, ethics, and responsible disclosure.

Requirement Met	Course Title	Suggested Level	Description
Cybersecurity / IT	Computer Hardware & IT Support	Standard / CTE	Study of computer components, operating systems, installation, configuration, maintenance, troubleshooting, peripherals, security, customer support, and technical documentation.
Cybersecurity / IT	Networking Fundamentals	Standard / CP / CTE	Study of network hardware, protocols, addressing, wired and wireless networks, configuration, troubleshooting, security, and network design.
Cybersecurity / IT	Advanced Networking	CP / H / CTE	Advanced networking concepts including routing, switching, network services, architecture, administration, troubleshooting, security, and enterprise networking.
Cybersecurity / IT	Systems Administration	Standard / CP / CTE	Administration of computer systems including users, permissions, storage, services, configuration, security, backups, troubleshooting, and automation.
Cybersecurity / IT	Linux Systems	Standard / CP / CTE	Study of Linux operating systems, command-line tools, file systems, permissions, software management, scripting, networking, administration, and security.
Cybersecurity / IT	Cloud Computing Foundations	CP / CTE	Introduction to cloud infrastructure, virtualization, storage, networking, services, security, deployment models, and modern cloud-computing concepts.
Digital Technology	Computer Applications	Standard / CTE	Practical use of word processing, spreadsheets, presentations, databases, file management, collaboration tools, digital communication, and productivity technology.
Digital Technology	Advanced Computer Applications	Standard / CP / CTE	Advanced use of productivity tools including complex documents, spreadsheet analysis, databases, presentations, automation, collaboration, and integrated digital projects.
Digital Technology	Business Technology Applications	Standard / CTE	Application of productivity, communication, spreadsheet, database, scheduling, document, and collaboration technologies in business and workplace settings.
Digital Technology	Spreadsheet & Data Technology	Standard / CP / CTE	Advanced spreadsheet design, formulas, functions, charts, data cleaning, analysis, pivot tools, modeling, automation, and communication of quantitative information.

Requirement Met	Course Title	Suggested Level	Description
Digital Technology	Digital Media Technology	Standard / CTE	Creation and management of digital images, audio, video, graphics, web content, file formats, production workflows, and multimedia projects.
Digital Technology	Graphic Design Technology	Standard / CTE	Digital design using typography, layout, vector graphics, image editing, color systems, production workflows, and preparation of digital and print media.
Digital Technology	Photography & Digital Imaging	Standard / CTE	Camera technology, exposure, lenses, composition, lighting, digital image processing, editing, file management, output, and photographic workflow.
Digital Technology	Video Production Technology	Standard / CTE	Camera operation, audio, lighting, editing, production planning, digital workflows, compression, publishing, and technical aspects of video production.
Digital Technology	Audio Production Technology	Standard / CTE	Recording, microphones, acoustics, signal flow, editing, mixing, digital audio workstations, sound design, and production workflows.
Digital Technology	Animation & Motion Graphics	Standard / CTE	Digital animation, motion design, timing, keyframing, compositing, graphics, rendering, storytelling, and production workflow.
Digital Technology	3D Modeling & Animation	Standard / CP / CTE	Three-dimensional modeling, texturing, lighting, animation, rendering, spatial design, and creation of digital environments and objects.
Digital Technology	Geographic Information Systems (GIS)	Standard / CP / H / CTE	Use of geospatial technology to collect, map, analyze, visualize, and interpret location-based data for environmental, governmental, business, and scientific applications.
Digital Technology	Digital Mapping & Geospatial Technology	Standard / CP / CTE	Digital mapping, GPS, spatial data, remote sensing concepts, map design, geospatial analysis, and practical applications of location technology.
Digital Technology	User Experience & Interface Design	Standard / CP / CTE	Study of user-centered design, interface organization, accessibility, usability, prototyping, testing, information architecture, and digital-product design.
Digital Technology	Digital Publishing & Content Design	Standard / CTE	Creation of professional digital and print publications through page layout, typography, graphics, image preparation, file management, and publishing technology.

Requirement Met	Course Title	Suggested Level	Description
Technology Elective	Technology Entrepreneurship	Standard / CP / CTE	Development of technology-based products and services through problem identification, design, prototyping, market research, costing, intellectual property, and business planning.
Technology Elective	Assistive Technology & Accessible Design	Standard / CP / CTE	Study and design of technologies that improve accessibility for people with disabilities, emphasizing user needs, inclusive design, interfaces, prototyping, and evaluation.
Technology Elective	Smart Home & Internet of Things Technology	Standard / CP / CTE	Study of connected devices, sensors, networks, automation, microcontrollers, data, security, and design of practical Internet-of-Things systems.
Technology Elective	Wearable Technology	Standard / CP / CTE	Design of wearable electronic systems incorporating sensors, circuits, microcontrollers, materials, programming, user needs, and prototyping.
Technology Elective	Agricultural Technology	Standard / CTE	Application of technology to agriculture through machinery, sensors, GPS, automation, irrigation, environmental monitoring, precision agriculture, and production systems.
Technology Elective	Precision Agriculture & Drone Technology	Standard / CP / CTE	Use of GPS, GIS, drones, sensors, imaging, data analysis, automation, and mapping to improve agricultural decision-making and resource management.
Technology Elective	Medical Technology & Healthcare Innovation	Standard / CP / CTE	Study of diagnostic devices, imaging, monitoring systems, medical equipment, health informatics, assistive devices, and technological innovation in healthcare.
Technology Elective	Technology of Music & Sound	Standard / CP / CTE	Study of microphones, speakers, recording, acoustics, digital audio, synthesis, signal processing, MIDI, and technologies used to create and reproduce sound.
Technology Elective	Stagecraft & Theatre Technology	Standard / CTE	Applied technology of theatrical production including lighting, sound, rigging concepts, scenic construction, technical drawings, controls, safety, and production systems.
Technology Elective	Makerspace Design & Fabrication	Standard / CP / CTE	Project-based use of digital fabrication, electronics, hand and power tools, CAD, prototyping, 3D printing, materials, design, and iterative problem solving.
Technology Elective	Product Design & Prototyping	Standard / CP / CTE	Development of physical products from problem identification through sketches, CAD, materials selection,

Requirement Met	Course Title	Suggested Level	Description
			prototypes, testing, redesign, documentation, and presentation.
Technology Elective	Technology Research & Capstone	CP / H / CTE	Independent investigation and development of a substantial technology or engineering project involving research, design, documentation, testing, analysis, and presentation.

Technology Education requirement: Courses in **Technology Education, Computer Science, Cybersecurity/IT, Digital Technology, or another genuinely technology-intensive discipline** are reasonable ways to fulfill the one-credit technology requirement.

In some cases, fine arts and CTE requirements may overlap with these courses. However, each course may fulfill only one requirement.

Fine Arts Course Options

Requirement Met	Course Title	Suggested Level	Description
Visual Arts	Art Foundations	Standard / CP	Introduction to drawing, painting, design, color, composition, art history, critique, and the elements and principles of visual art.
Visual Arts	Studio Art	Standard / CP / H	Studio-based exploration of multiple media emphasizing technique, composition, artistic development, critique, and creation of an original body of work.
Visual Arts	Advanced Studio Art	CP / H	Advanced development of artistic technique, personal style, conceptual thinking, critique, portfolio development, and independent studio work.
Visual Arts	Drawing	Standard / CP	Study of observational and expressive drawing using line, value, perspective, proportion, composition, and varied drawing media.
Visual Arts	Advanced Drawing	CP / H	Intensive drawing emphasizing advanced observation, composition, perspective, anatomy, experimentation, personal expression, and portfolio development.

Requirement Met	Course Title	Suggested Level	Description
Visual Arts	Painting	Standard / CP	Study of painting techniques, color theory, composition, materials, artistic styles, visual analysis, and creation of original works.
Visual Arts	Watercolor Painting	Standard / CP	Focused study of watercolor techniques including washes, glazing, wet-on-wet, dry brush, color mixing, composition, value, and development of finished paintings.
Visual Arts	Acrylic & Mixed Media Painting	Standard / CP	Exploration of acrylic painting and mixed-media techniques emphasizing color, texture, layering, composition, experimentation, and personal expression.
Visual Arts	Oil Painting	Standard / CP / H	Study of oil-painting materials and techniques including color mixing, value, glazing, blending, composition, observation, and development of finished works.
Visual Arts	Portraiture & Figure Drawing	CP / H	Study of human proportion, anatomy, gesture, facial structure, observation, value, composition, and expressive representation.
Visual Arts	Illustration	Standard / CP / CTE	Creation of visual imagery for narrative, editorial, informational, and commercial purposes through drawing, composition, concept development, and finished illustration.
Visual Arts	Sculpture	Standard / CP	Three-dimensional art using additive, subtractive, modeling, construction, and assemblage processes with attention to form, space, texture, and composition.
Visual Arts	Ceramics	Standard / CP	Study of hand-building, wheel or forming techniques, clay properties, surface decoration, glazing, firing, design, and ceramic traditions.
Visual Arts	Printmaking	Standard / CP	Study of relief, monotype, stencil, block, or other printmaking processes emphasizing design, repetition, craftsmanship, and artistic expression.
Visual Arts	Fiber Arts	Standard / CP	Artistic exploration of textiles and fibers through weaving, embroidery, surface design, dyeing, felting, quilting, or related processes with emphasis on design and craftsmanship.

Requirement Met	Course Title	Suggested Level	Description
Visual Arts	Textile Design	Standard / CP / CTE	Study of pattern, color, surface design, fibers, printing, dyeing, embellishment, and development of original textile designs.
Visual Arts	Jewelry & Metalsmithing	Standard / CP / CTE	Artistic design and fabrication of jewelry or small metalwork emphasizing composition, materials, forming, joining, surface treatment, craftsmanship, and personal design.
Visual Arts	Woodworking as Art & Design	Standard / CTE	Design-centered woodworking emphasizing form, proportion, craftsmanship, surface, aesthetic decision-making, and creation of original functional or sculptural pieces.
Visual Arts	Art of Bookmaking	Standard / CP	Artistic creation of handmade books using binding, paper, typography, illustration, printmaking, collage, and integrated visual design.
Visual Arts	Mixed Media & Collage	Standard / CP	Exploration of layered visual art using paint, paper, drawing, found materials, image transfer, texture, assemblage, and experimental composition.
Visual Arts	Nature & Botanical Art	Standard / CP	Observational drawing and painting of plants and natural forms integrating artistic technique, composition, color, detail, and traditions of botanical illustration.
Visual Arts	Landscape Art	Standard / CP	Study of landscape drawing and painting through perspective, atmosphere, value, color, composition, observation, and historical approaches to landscape art.
Visual Arts	Plein Air Painting	Standard / CP	Direct observation and painting outdoors with emphasis on rapid composition, changing light, color relationships, atmosphere, and interpretation of place.
Visual Arts	Sequential Art & Comics	Standard / CP / CTE	Visual storytelling through drawing, panel composition, pacing, character design, lettering, narrative structure, and development of original sequential artwork.
Visual Arts	AP 2-D Art and Design	AP	College-level portfolio course following the authorized AP framework for two-dimensional art and design.
Visual Arts	AP 3-D Art and Design	AP	College-level portfolio course following the authorized AP framework for three-dimensional art and design.

Requirement Met	Course Title	Suggested Level	Description
Visual Arts	AP Drawing	AP	College-level drawing portfolio course following the authorized AP framework with sustained investigation and advanced artistic practice.
Photography	Photography	Standard / CP / CTE	Study of photographic composition, exposure, light, visual storytelling, camera operation, image selection, editing, critique, and photography as an artistic medium.
Photography	Digital Photography	Standard / CP / CTE	Artistic and technical study of digital photography emphasizing exposure, composition, lighting, editing, visual communication, and development of a photographic portfolio.
Photography	Advanced Photography	CP / H / CTE	Advanced photographic work emphasizing intentional visual style, lighting, editing, conceptual development, critique, series development, and portfolio production.
Photography	Documentary Photography	Standard / CP / CTE	Photography used to document people, places, events, and communities with study of visual storytelling, ethics, composition, editing, captions, and photographic essays.
Photography	Portrait Photography	Standard / CTE	Artistic study of portraiture through lighting, posing, composition, environment, expression, editing, and development of a coherent portrait portfolio.
Photography	Fine Art Photography	CP / H	Photography as a fine-art medium emphasizing concept, composition, visual language, artistic intent, critique, exhibition, and development of a cohesive body of work.
Graphic / Digital Arts	Graphic Design	Standard / CP / CTE	Visual communication through typography, color, composition, branding, illustration, image-making, layout, critique, and development of original design projects.
Graphic / Digital Arts	Advanced Graphic Design	CP / H / CTE	Advanced visual communication emphasizing design systems, typography, branding, concept development, critique, portfolio work, and sophisticated digital production.
Graphic / Digital Arts	Digital Illustration	Standard / CP / CTE	Creation of original illustrations using digital tools with emphasis on drawing, color, composition, visual storytelling, technique, and artistic style.

Requirement Met	Course Title	Suggested Level	Description
Graphic / Digital Arts	Digital Art	Standard / CP / CTE	Creation of original artwork using digital painting, illustration, collage, image manipulation, and other digital media with emphasis on artistic principles and expression.
Graphic / Digital Arts	Typography & Layout Design	Standard / CP / CTE	Artistic study of letterforms, typography, hierarchy, grids, composition, publication design, visual communication, and expressive use of type.
Graphic / Digital Arts	Branding & Visual Identity	Standard / CP / CTE	Design of logos, typography, color systems, symbols, and coordinated visual identities with emphasis on concept, audience, consistency, and visual communication.
Graphic / Digital Arts	Motion Graphics	Standard / CP / CTE	Artistic creation of animated typography, graphics, images, and visual effects emphasizing composition, timing, movement, rhythm, and visual communication.
Graphic / Digital Arts	3D Art & Digital Sculpture	Standard / CP / CTE	Creation of three-dimensional digital artwork emphasizing form, space, texture, lighting, composition, modeling, and artistic expression.
Graphic / Digital Arts	Animation	Standard / CP / CTE	Study of movement, timing, character, composition, storytelling, drawing or digital production, and artistic principles of animation.
Graphic / Digital Arts	Character Design	Standard / CP / CTE	Development of original characters through drawing, anatomy, shape language, expression, costume, color, visual storytelling, and iterative design.
Film / Media Arts	Film & Media Arts	Standard / CP / CTE	Study and creation of film as an artistic medium through cinematography, composition, editing, sound, narrative, visual language, and critical analysis.
Film / Media Arts	Filmmaking	Standard / CP / CTE	Creative filmmaking from concept through script, storyboarding, cinematography, directing, editing, sound, and final production.
Film / Media Arts	Cinematography	Standard / CP / CTE	Artistic study of camera movement, framing, lenses, lighting, color, composition, visual mood, and storytelling through moving images.
Film / Media Arts	Film Editing & Visual Storytelling	Standard / CP / CTE	Study of editing as an artistic process emphasizing pacing, continuity, montage, rhythm, sound-image relationships, narrative, and emotional effect.

Requirement Met	Course Title	Suggested Level	Description
Film / Media Arts	Film Studies	Standard / CP / H	Critical study of film history, genre, directors, cinematography, editing, narrative, visual symbolism, cultural context, and film criticism.
Film / Media Arts	History of Cinema	Standard / CP / H	Historical study of film as an art form from early cinema through major movements, genres, technologies, filmmakers, and contemporary developments.
Film / Media Arts	Documentary Filmmaking	Standard / CP / CTE	Creation and study of nonfiction film emphasizing research, interviews, visual evidence, cinematography, editing, ethics, narrative construction, and documentary style.
Music	Music Appreciation	Standard / CP	Study of musical elements, genres, composers, instruments, listening, historical context, and development of informed musical analysis.
Music	Music History	Standard / CP / H	Historical study of Western and/or global musical traditions, composers, genres, styles, cultural contexts, and development of musical forms.
Music	Music Theory	Standard / CP / H	Study of notation, scales, keys, intervals, chords, harmony, rhythm, melody, form, analysis, ear training, and composition.
Music	Advanced Music Theory	CP / H	Advanced harmony, voice leading, analysis, composition, ear training, form, chromatic harmony, and sophisticated musical structures.
Music	AP Music Theory	AP	College-level music theory following the authorized AP framework, including written theory, analysis, composition, sight singing, and aural skills.
Music	Music Composition	Standard / CP / H	Creation of original music through melody, harmony, rhythm, form, instrumentation, notation, revision, analysis, and performance or digital realization.
Music	Songwriting	Standard / CP	Study and creation of songs emphasizing melody, harmony, lyrics, structure, arrangement, revision, performance, and analysis of songwriting traditions.
Music	Vocal Music	Standard / CP	Development of vocal technique, musicianship, repertoire, interpretation, performance, sight reading, and ensemble or solo skills.

Requirement Met	Course Title	Suggested Level	Description
Music	Choir / Choral Ensemble	Standard / CP	Sustained ensemble study involving vocal technique, repertoire, sight reading, musicianship, rehearsal discipline, interpretation, and public performance.
Music	Instrumental Music	Standard / CP	Sustained instrumental study emphasizing technique, musicianship, repertoire, interpretation, theory, practice, and performance.
Music	Band / Instrumental Ensemble	Standard / CP	Ensemble performance emphasizing instrumental technique, reading music, balance, rhythm, interpretation, rehearsal, collaboration, and performance.
Music	Orchestra / String Ensemble	Standard / CP	Ensemble study emphasizing string or orchestral technique, repertoire, musicianship, interpretation, rehearsal, and performance.
Music	Piano Studies	Standard / CP	Sustained piano instruction emphasizing technique, repertoire, sight reading, musicianship, theory, interpretation, practice, and performance.
Music	Guitar Studies	Standard / CP	Sustained guitar instruction emphasizing technique, notation or tablature, chords, repertoire, musicianship, theory, interpretation, and performance.
Music	Worship Music & Ensemble	Standard / CP	Study and performance of sacred and contemporary worship music emphasizing musicianship, ensemble skills, arrangement, repertoire, interpretation, and performance.
Music	Jazz Studies	Standard / CP / H	Study and performance of jazz emphasizing harmony, rhythm, improvisation, repertoire, listening, history, ensemble skills, and stylistic understanding.
Music	Music Production	Standard / CP / CTE	Creative production of music using recording, arranging, digital audio, mixing, sound design, musical form, and production aesthetics.
Music	Electronic Music & Composition	Standard / CP / CTE	Creation and analysis of electronic music through synthesis, sampling, sequencing, arrangement, digital audio, musical structure, and composition.
Theatre	Theatre Arts	Standard / CP	Introduction to acting, dramatic literature, improvisation, directing, stagecraft, theatre history, production, and performance.

Requirement Met	Course Title	Suggested Level	Description
Theatre	Acting	Standard / CP	Study of acting technique through voice, movement, character, scene study, improvisation, script analysis, rehearsal, and performance.
Theatre	Advanced Acting	CP / H	Intensive acting study involving advanced scene work, character development, movement, voice, interpretation, critique, rehearsal, and performance.
Theatre	Musical Theatre	Standard / CP	Integrated study of acting, singing, movement, dramatic interpretation, musical-theatre repertoire, rehearsal, and performance.
Theatre	Directing	Standard / CP / H	Study of script interpretation, staging, blocking, actor communication, visual composition, rehearsal planning, production concepts, and direction of scenes or performances.
Theatre	Playwriting	Standard / CP	Creation of original dramatic works emphasizing character, dialogue, conflict, structure, stage conventions, revision, readings, and performance.
Theatre	Theatre History	Standard / CP / H	Study of theatrical traditions, dramatic movements, playwrights, performance practices, architecture, culture, and development of theatre across historical periods.
Theatre	Shakespeare in Performance	CP / H	Study of Shakespeare's dramatic works through close reading, performance, voice, movement, historical staging, interpretation, and theatrical production.
Theatre	Stagecraft & Production Design	Standard / CP / CTE	Artistic design and construction for theatre including scenery, lighting, sound, props, costumes, technical drawings, production concepts, and collaborative design.
Theatre	Costume Design	Standard / CP / CTE	Artistic development of theatrical costumes through character analysis, historical research, color, silhouette, textiles, rendering, construction, and production needs.
Theatre	Scenic Design	Standard / CP / CTE	Design of theatrical environments through script analysis, research, drawing, perspective, scale models, color, materials, and visual storytelling.
Theatre	Lighting Design	Standard / CP / CTE	Artistic use of light to shape visibility, mood, focus, color, space, and storytelling through theatrical design and production.

Requirement Met	Course Title	Suggested Level	Description
Dance	Dance	Standard / CP	Study of movement technique, choreography, performance, rhythm, expression, dance vocabulary, and appreciation of dance as an art form.
Dance	Dance Technique & Performance	Standard / CP	Sustained technical training and performance in one or more dance traditions with emphasis on movement quality, musicality, choreography, rehearsal, and artistic interpretation.
Dance	Choreography	Standard / CP / H	Creation and analysis of original dance works emphasizing movement vocabulary, structure, space, rhythm, theme, collaboration, revision, and performance.
Dance	Dance History & World Dance	Standard / CP	Study of dance traditions, historical developments, cultural contexts, major artists, performance practices, and movement styles from diverse societies.
Dance	Ballet	Standard / CP	Sustained study of ballet technique, terminology, musicality, alignment, repertoire, artistic expression, history, and performance.
Dance	Modern & Contemporary Dance	Standard / CP	Study of modern and contemporary movement techniques, improvisation, choreography, artistic expression, repertoire, and performance.
Art History / Appreciation	Art History	Standard / CP / H	Historical study of visual art, artists, movements, media, architecture, cultural contexts, visual analysis, and interpretation.
Art History / Appreciation	AP Art History	AP	College-level art history following the authorized AP framework with global study of significant works, traditions, contexts, visual analysis, and comparison.
Art History / Appreciation	World Art & Architecture	Standard / CP / H	Comparative study of art and architecture across civilizations, cultures, religions, periods, materials, and artistic traditions.
Art History / Appreciation	American Art & Visual Culture	Standard / CP	Study of American painting, sculpture, photography, architecture, graphic arts, popular imagery, and visual culture in historical context.
Art History / Appreciation	Renaissance Art & Architecture	Standard / CP / H	Focused study of Renaissance painting, sculpture, architecture, patronage, artists, techniques, humanism, symbolism, and historical context.

Requirement Met	Course Title	Suggested Level	Description
Art History / Appreciation	Sacred Art & Architecture	Standard / CP / H	Study of religious art and architecture across historical periods with attention to symbolism, theology, worship, patronage, materials, and cultural context.
Art History / Appreciation	History of Photography	Standard / CP	Study of photography's development as an artistic and documentary medium, including major photographers, movements, technologies, genres, and cultural influence.
Art History / Appreciation	History of Fashion & Costume	Standard / CP / CTE	Study of clothing and costume as visual design through silhouette, textiles, construction, artistic movements, culture, technology, and historical change.
Interdisciplinary Fine Arts	Architecture & Design	Standard / CP / CTE	Artistic study of architectural form, proportion, space, style, drawing, models, design history, visual communication, and development of original architectural concepts.
Interdisciplinary Fine Arts	Interior Design	Standard / CP / CTE	Study of space planning, color, lighting, furniture, textiles, materials, visual composition, drawing, presentation, and development of interior-design concepts.
Interdisciplinary Fine Arts	Fashion Design	Standard / CP / CTE	Artistic design of clothing through sketching, color, textiles, silhouette, construction concepts, historical inspiration, collection development, and presentation.
Interdisciplinary Fine Arts	Set, Costume & Production Design	Standard / CP / CTE	Integrated visual design for performance emphasizing scenery, costume, props, color, historical research, composition, collaboration, and production concepts.
Interdisciplinary Fine Arts	Visual Storytelling	Standard / CP / CTE	Study of how composition, image sequence, color, typography, illustration, photography, and other visual elements communicate narrative and meaning.
Interdisciplinary Fine Arts	Portfolio Development	CP / H / CTE	Advanced development and refinement of a coherent artistic portfolio through independent projects, critique, revision, artist statements, presentation, and exhibition.

Financial Literacy Course Options

For this category, I'd keep the **Requirement Met** column simple. Most of these can satisfy the one-credit Financial Literacy requirement if they substantially cover the core personal-finance content we established: budgeting, banking, credit and debt, taxes, insurance, consumer decision-making, investing, and long-term financial planning.

Requirement Met	Course Title	Suggested Level	Description
Financial Literacy	Personal Finance	Standard / CP / CTE	Comprehensive study of budgeting, banking, credit, debt, taxes, insurance, saving, investing, retirement, major purchases, and long-term financial planning.
Financial Literacy	Financial Literacy	Standard / CP / CTE	Broad personal-finance course emphasizing money management, banking, credit, borrowing, insurance, taxes, consumer decisions, investing, and financial goal setting.
Financial Literacy	Personal Financial Management	Standard / CP / CTE	Practical management of income, expenses, savings, credit, debt, insurance, taxes, financial records, and long-term financial goals.
Financial Literacy	Money Management for Life	Standard / CTE	Practical adult-focused course covering budgeting, bank accounts, credit, debt, taxes, insurance, transportation, housing, emergency savings, and everyday financial decisions.
Financial Literacy	Consumer Finance	Standard / CP / CTE	Study of financial choices involving banking, credit, loans, contracts, purchasing, insurance, scams, consumer rights, major purchases, and household financial planning.
Financial Literacy	Financial Foundations for Adulthood	Standard / CTE	Preparation for independent adult financial life through income management, budgeting, banking, taxes, insurance, housing, transportation, credit, and savings.
Financial Literacy	Personal Finance & Wealth Building	Standard / CP / CTE	Personal finance with added emphasis on long-term wealth creation through saving, investing, compound growth, retirement planning, risk management, and responsible borrowing.
Financial Literacy	Saving, Investing & Financial Independence	Standard / CP	Study of personal budgeting, emergency funds, investing, compound growth, retirement accounts, asset classes, diversification, risk, debt, and long-term financial independence.
Financial Literacy	Investing & Personal Finance	Standard / CP / H	Personal finance combined with deeper study of investing, asset classes, risk and return, diversification, market fundamentals, retirement, and long-term portfolio planning.
Financial Literacy	Banking, Credit & Investing	Standard / CP / CTE	Study of financial institutions, bank accounts, borrowing, credit scores, interest, loans, investing, financial risk, and personal financial planning.

Requirement Met	Course Title	Suggested Level	Description
Financial Literacy	Taxes, Insurance & Financial Planning	Standard / CP / CTE	Practical study of income taxes, payroll withholding, insurance, risk, retirement, financial records, estate basics, budgeting, and long-term financial planning.
Financial Literacy	Consumer Economics & Personal Finance	Standard / CP	Integrated study of household financial decisions and economic forces affecting consumers, including prices, employment, inflation, credit, banking, taxes, insurance, and investing.
Financial Literacy	Economics & Personal Finance	Standard / CP	Combined study of personal financial decision-making and foundational economic principles including markets, employment, banking, inflation, public policy, saving, and investing.
Financial Literacy	Financial Mathematics	Standard / CTE	Applied mathematics of wages, taxes, percentages, interest, credit, loans, mortgages, insurance, investments, budgeting, and major financial decisions.
Financial Literacy	Family Finance & Household Management	Standard	Study of household budgeting, food and transportation costs, housing, utilities, insurance, family financial goals, saving, debt, record keeping, and major purchasing decisions.
Financial Literacy	Independent Living & Personal Finance	Standard / CTE	Adult-life planning integrating budgeting, housing, transportation, utilities, banking, taxes, insurance, credit, employment income, and household decision-making.
Financial Literacy	Financial Decision-Making	Standard / CP	Study of tradeoffs, opportunity cost, risk, borrowing, saving, investing, insurance, taxes, major purchases, and evaluating financial information and claims.
Financial Literacy	Money, Markets & Personal Finance	CP / H	Rigorous personal-finance course connecting household decisions with markets, inflation, interest rates, financial institutions, investing, taxation, and economic conditions.
Financial Literacy	Financial Literacy Through Real-Life Case Studies	Standard / CP	Personal finance taught through realistic household and individual scenarios involving budgeting, debt, credit, insurance, taxes, employment, investing, and financial problem solving.
Financial Literacy	Personal Finance for Young Adults	Standard / CTE	Practical course focused on first jobs, paychecks, taxes, bank accounts, credit, transportation, renting, insurance, budgeting, saving, and beginning investing.

Requirement Met	Course Title	Suggested Level	Description
Financial Literacy	Financial Literacy for Entrepreneurs	Standard / CTE	Personal finance with entrepreneurial applications including household/business separation, budgeting, taxes, cash flow, insurance, saving, credit, retirement, and financial risk.
Financial Literacy / CTE Support	Small Business Finance	Standard / CTE	Study of business and owner finances including budgeting, pricing, cash flow, expenses, taxes, credit, financing, insurance, record keeping, and financial planning.
Financial Literacy / CTE Support	Entrepreneurship & Personal Finance	Standard / CP / CTE	Personal financial literacy integrated with entrepreneurship, business planning, income, budgeting, taxes, borrowing, insurance, profit, investing, and risk.
Financial Literacy / CTE Support	Financial Literacy for the Skilled Trades	Standard / CTE	Personal finance tailored to wage earners, apprentices, contractors, and self-employed tradespeople, including taxes, tools, transportation, insurance, retirement, credit, and business-related expenses.
Financial Literacy / CTE Support	Personal Finance for Healthcare Careers	Standard / CTE	Personal financial planning using healthcare-career scenarios involving wages, benefits, student training costs, insurance, taxes, retirement, budgeting, and debt management.
Financial Literacy / CTE Support	Personal Finance for Creative Professionals	Standard / CTE	Financial planning for artists, freelancers, and creative workers including irregular income, taxes, contracts, insurance, budgeting, pricing, saving, and retirement.
Financial Literacy / CTE Support	Personal Finance for Small Business Owners	Standard / CTE	Household and business financial planning for future entrepreneurs, including cash flow, taxes, business structure basics, insurance, debt, saving, investing, and financial separation.
Financial Literacy	Credit, Debt & Borrowing	Standard / CP	Focused study of credit reports, credit scores, interest, loans, credit cards, debt repayment, mortgages, consumer protection, borrowing costs, and responsible use of credit.
Financial Literacy	Investing Fundamentals	Standard / CP / H	Study of stocks, bonds, funds, diversification, risk, return, compound growth, market behavior, retirement accounts, and long-term investing principles.
Financial Literacy	Retirement & Long-Term Financial Planning	Standard / CP	Study of saving, retirement accounts, Social Security concepts, pensions, investing, inflation, risk, insurance, estate basics, and long-range financial goal setting.

Requirement Met	Course Title	Suggested Level	Description
Financial Literacy	Real Estate & Personal Finance	Standard / CP / CTE	Study of renting, home buying, mortgages, property costs, insurance, taxes, maintenance, financing, equity, and financial considerations related to housing.
Financial Literacy	Insurance & Risk Management	Standard / CP	Study of health, auto, homeowners/renters, disability, life, and liability insurance, risk, deductibles, premiums, claims, coverage, and financial protection.
Financial Literacy	Taxes & the Individual	Standard / CP / CTE	Practical study of payroll withholding, federal and state income taxes, filing concepts, deductions, credits, self-employment considerations, tax records, and tax planning basics.
Financial Literacy	Financial Scams, Fraud & Consumer Protection	Standard / CP	Study of identity theft, financial fraud, predatory lending, scams, misleading advertising, consumer rights, digital security, contracts, and evaluating financial claims.
Financial Literacy	Digital Finance & Financial Technology	Standard / CP / CTE	Study of online banking, payment systems, financial apps, digital security, automated investing, cryptocurrencies as financial technologies, fraud risks, and responsible digital financial management.
Financial Literacy	Behavioral Finance	CP / H	Study of how cognitive bias, emotion, risk perception, social influence, and decision-making affect saving, spending, investing, borrowing, and financial behavior.
Financial Literacy	Financial Markets & Investing	CP / H	Deeper study of securities, markets, risk and return, diversification, economic influences, valuation concepts, investing strategies, and personal portfolio construction.
Financial Literacy	Personal Finance Capstone	Standard / CP / CTE	Culminating personal-finance course in which students create a realistic adult financial plan covering income, budgeting, taxes, credit, insurance, housing, transportation, saving, investing, and retirement.

Classification notes

What has to be in the course? To fulfill the Financial Literacy requirement, the course as a whole to include substantial instruction in **budgeting and cash flow, banking, credit and debt, taxes, insurance, saving and investing, consumer decision-making, and long-term financial planning.**

This category may overlap with others. Each class may fill only one graduation requirement.

Health & Physical Education Course Options

Requirement Met	Course Title	Suggested Level	Description
Health & PE	Health & Physical Education	Standard / CP / CTE	Integrated study of personal health, wellness, nutrition, fitness, disease prevention, safety, mental and emotional wellness, and development of lifelong physical-fitness habits.
Health & PE	Lifetime Health & Fitness	Standard / CP / CTE	Integrated course emphasizing personal wellness, nutrition, physical fitness, exercise principles, disease prevention, safety, stress management, and development of a sustainable fitness program.
Health & PE	Personal Wellness	Standard / CP / CTE	Holistic study of physical, mental, emotional, and social wellness combined with regular physical activity and personal fitness planning.
Health & PE	Fitness for Life	Standard / CP / CTE	Development of lifelong fitness habits through cardiovascular endurance, strength, flexibility, mobility, nutrition, wellness, and individualized fitness planning.
Health & PE	Healthy Living	Standard / CP / CTE	Practical course integrating nutrition, fitness, sleep, stress management, preventive health, safety, healthy decision-making, and regular physical activity.
Health	Health Education	Standard / CP / CTE	Comprehensive study of personal and community health, nutrition, physical activity, mental and emotional wellness, disease prevention, safety, substance-use prevention, relationships, and informed health decisions.
Health	Personal Health & Wellness	Standard / CP / CTE	Study of individual health choices involving nutrition, sleep, exercise, stress, disease prevention, safety, mental wellness, relationships, and responsible decision-making.
Health	Adolescent Health & Wellness	Standard / CP	Health topics particularly relevant to adolescence, including physical development, nutrition, sleep, stress, mental and emotional wellness, relationships, safety, substance-use prevention, and healthy habits.
Health	Nutrition & Wellness	Standard / CP / CTE	Study of nutrition, energy balance, dietary needs, food choices, physical activity, sleep, stress, disease prevention, and development of healthy lifestyle practices.
Health	Family & Community Health	Standard / CP / CTE	Study of individual, family, and community wellness including disease prevention, public health, safety, nutrition, healthcare resources, relationships, and health decision-making.

Requirement Met	Course Title	Suggested Level	Description
Health	First Aid, CPR & Personal Safety	Standard / CTE	Study and practice of emergency response, first aid, CPR concepts and skills, injury prevention, emergency preparedness, personal safety, and appropriate use of emergency services.
Health	Safety & Emergency Preparedness	Standard / CTE	Practical preparation for household, workplace, recreational, weather, fire, and other emergencies through risk reduction, first-response principles, planning, and safety skills.
Health	Mental & Emotional Wellness	Standard / CP	Study of stress, emotions, resilience, communication, healthy relationships, coping strategies, sleep, decision-making, help-seeking, and practices supporting emotional well-being.
Health	Public & Community Health	Standard / CP / CTE	Study of disease prevention, health promotion, environmental health, healthcare systems, epidemiological concepts, community resources, and factors influencing population health.
Health	Health & Human Development	Standard / CP / CTE	Study of human growth and development, wellness, nutrition, relationships, disease prevention, safety, health behavior, and changing health needs across the lifespan.
Health	Healthcare & Consumer Health	Standard / CP / CTE	Practical study of healthcare systems, providers, insurance concepts, prescriptions, medical information, preventive care, patient advocacy, consumer decisions, and evaluating health claims.
Health	Sports Health & Injury Prevention	Standard / CP / CTE	Study of conditioning, hydration, nutrition, common athletic injuries, injury prevention, recovery, first aid, safe training, and health considerations for physically active students.
Physical Education	Physical Education	Standard / CP / CTE	Structured participation in varied physical activities emphasizing cardiovascular endurance, muscular strength, flexibility, coordination, movement skills, fitness assessment, and lifelong activity.
Physical Education	Lifetime Fitness	Standard / CP / CTE	Individualized physical-fitness course emphasizing cardiovascular conditioning, strength, mobility, flexibility, fitness assessment, goal setting, and development of sustainable exercise habits.
Physical Education	Personal Fitness	Standard / CP / CTE	Structured exercise program based on personal fitness assessment, goal setting, cardiovascular conditioning,

Requirement Met	Course Title	Suggested Level	Description
			muscular fitness, flexibility, progress monitoring, and safe training principles.
Physical Education	Strength & Conditioning	Standard / CP / CTE	Progressive resistance and conditioning program emphasizing safe technique, strength, endurance, mobility, recovery, program design, goal setting, and documentation of progress.
Physical Education	Weight Training	Standard / CTE	Structured resistance-training course emphasizing safe lifting technique, major movement patterns, muscular strength and endurance, program progression, recovery, and fitness tracking.
Physical Education	Cardiovascular Fitness	Standard / CP	Structured development of aerobic fitness through walking, running, cycling, swimming, rowing, or other sustained activities with goal setting and progress monitoring.
Physical Education	Walking & Fitness	Standard	Structured walking program combined with mobility, strength, cardiovascular-fitness principles, personal goal setting, activity tracking, and development of lifelong exercise habits.
Physical Education	Running & Conditioning	Standard / CP	Progressive running and conditioning program emphasizing endurance, pacing, strength, mobility, injury prevention, recovery, goal setting, and performance tracking.
Physical Education	Hiking & Outdoor Fitness	Standard / CP	Physical conditioning through hiking and outdoor activity combined with endurance, route planning, safety, mobility, environmental awareness, and personal fitness goals.
Physical Education	Cycling & Fitness	Standard / CP	Structured cycling program emphasizing cardiovascular endurance, cycling technique, safety, equipment care, route planning, conditioning, and fitness tracking.
Physical Education	Swimming & Aquatic Fitness	Standard / CP	Development of swimming technique, endurance, water safety, aquatic conditioning, fitness goals, and lifelong recreational swimming skills.
Physical Education	Aquatic Fitness & Water Safety	Standard / CTE	Physical conditioning through aquatic exercise combined with swimming competence, water safety, emergency awareness, and lifelong aquatic recreation.
Physical Education	Team Sports	Standard	Structured participation in multiple team sports emphasizing sport-specific skills, cardiovascular fitness, strategy, teamwork, sportsmanship, rules, and personal fitness.

Requirement Met	Course Title	Suggested Level	Description
Physical Education	Individual & Dual Sports	Standard	Participation in activities such as tennis, badminton, golf, pickleball, racquet sports, or similar pursuits emphasizing skill development, fitness, rules, strategy, and lifelong recreation.
Physical Education	Recreational Sports & Fitness	Standard	Varied recreational activities emphasizing regular movement, cardiovascular health, coordination, skill development, teamwork, and discovery of sustainable lifelong activities.
Physical Education	Basketball	Standard	Structured development of basketball skills, conditioning, rules, strategy, teamwork, sportsmanship, and physical fitness through practice and competition.
Physical Education	Soccer	Standard	Structured development of soccer skills, cardiovascular conditioning, rules, strategy, teamwork, sportsmanship, and game play.
Physical Education	Volleyball	Standard	Development of volleyball skills, coordination, conditioning, rules, strategy, teamwork, and game play through structured practice and participation.
Physical Education	Tennis	Standard	Development of stroke technique, movement, conditioning, scoring, rules, strategy, sportsmanship, and singles and doubles play.
Physical Education	Golf	Standard	Development of golf technique, course management, rules, etiquette, walking fitness, coordination, practice habits, and lifelong recreational skills.
Physical Education	Martial Arts	Standard	Structured martial-arts training emphasizing technique, coordination, strength, flexibility, cardiovascular fitness, discipline, progression, and safe practice.
Physical Education	Boxing Fitness	Standard	Noncompetitive fitness training using boxing techniques, footwork, conditioning, coordination, strength, endurance, and safe training practices.
Physical Education	Dance Fitness	Standard	Physical conditioning through dance emphasizing cardiovascular endurance, coordination, mobility, rhythm, muscular endurance, and regular participation.
Physical Education	Yoga & Mobility	Standard	Structured practice emphasizing mobility, flexibility, balance, muscular endurance, breathing, body awareness, safe movement, and personal fitness development.

Requirement Met	Course Title	Suggested Level	Description
Physical Education	Pilates & Core Conditioning	Standard	Physical conditioning emphasizing core strength, stability, posture, flexibility, controlled movement, balance, and progressive fitness development.
Physical Education	Outdoor Recreation	Standard	Active outdoor pursuits such as hiking, paddling, cycling, climbing, orienteering, or similar activities emphasizing fitness, skill, safety, and lifelong recreation.
Physical Education	Adventure & Outdoor Education	Standard	Physical activity through outdoor challenges emphasizing endurance, movement skills, navigation, teamwork, problem solving, outdoor safety, and responsible recreation.
Physical Education	Equestrian Studies & Riding	Standard / CTE	Structured riding instruction emphasizing balance, coordination, physical conditioning, horsemanship, safety, progressive riding skills, and regular active practice.
Physical Education	Archery & Physical Conditioning	Standard	Structured archery instruction combined with conditioning, posture, strength, coordination, safety, technique, scoring, and progressive skill development.
Physical Education	Functional Fitness	Standard / CTE	Practical conditioning emphasizing strength, endurance, balance, mobility, lifting mechanics, movement quality, injury prevention, and physical capacity for daily life and work.
Physical Education / CTE Support	Occupational Fitness	Standard / CTE	Fitness program emphasizing strength, endurance, mobility, lifting technique, cardiovascular capacity, injury prevention, and physical readiness for demanding occupations.
Physical Education / CTE Support	First Responder Fitness	Standard / CTE	Physical conditioning for emergency-service careers emphasizing cardiovascular endurance, functional strength, mobility, carrying, lifting, recovery, and safe occupational movement.
Physical Education / CTE Support	Tactical Fitness & Conditioning	Standard / CTE	Structured fitness program emphasizing strength, endurance, agility, mobility, load management, recovery, and physical preparation for military, public-safety, or similar careers.
Physical Education / CTE Support	Construction & Trades Fitness	Standard / CTE	Functional conditioning emphasizing lifting, carrying, mobility, endurance, body mechanics, injury prevention, and physical readiness for skilled-trades work.
Health & PE	Sports Performance & Wellness	Standard / CP / CTE	Integrated study and practice of fitness, conditioning, nutrition, hydration, recovery, injury prevention, sleep, stress management, and athletic performance.

Requirement Met	Course Title	Suggested Level	Description
Health & PE	Outdoor Wellness & Fitness	Standard / CP	Integrated wellness course using hiking and outdoor recreation to develop fitness, stress-management practices, safety skills, personal health knowledge, and lifelong activity habits.
Health & PE	Strength, Nutrition & Wellness	Standard / CP / CTE	Integrated course combining resistance training with nutrition, recovery, sleep, injury prevention, fitness assessment, and development of sustainable health habits.
Health & PE	Athletic Training Foundations	Standard / CP / CTE	Integrated introduction to conditioning, anatomy, injury prevention, basic first aid, rehabilitation concepts, nutrition, hydration, athletic health, and practical fitness.
Health & PE	Lifelong Recreation & Wellness	Standard	Integrated course combining health education with participation in varied recreational activities to develop sustainable habits for adult fitness and wellness.

Classification notes

Combined or separate courses: 1 credit of Health/Physical Education, may be met using either **one integrated 1-credit course** or a combination such as **½ credit Health + ½ credit Physical Education**.

World Language Course Options

Requirement Met	Course Title	Suggested Level	Description
World Language I	Spanish I	Standard / CP	Introduction to Spanish emphasizing foundational vocabulary, grammar, listening, speaking, reading, writing, pronunciation, and cultures of the Spanish-speaking world.
World Language II	Spanish II	Standard / CP	Continued Spanish study developing increasingly complex grammar, vocabulary, conversation, listening comprehension, reading, writing, and cultural knowledge.
World Language III	Spanish III	CP / H	Intermediate-to-advanced Spanish emphasizing sustained communication, increasingly authentic texts, advanced grammar, composition, listening, speaking, and cultural study.

Requirement Met	Course Title	Suggested Level	Description
World Language IV	Spanish IV	CP / H	Advanced Spanish emphasizing fluency, sophisticated grammar, authentic literature and media, composition, discussion, cultural analysis, and extended communication.
Advanced World Language	AP Spanish Language & Culture	AP	College-level Spanish following the authorized AP framework with advanced interpersonal, interpretive, and presentational communication and cultural analysis.
Advanced World Language	AP Spanish Literature & Culture	AP	College-level study of Spanish-language literature following the authorized AP framework with close reading, literary analysis, historical context, discussion, and writing in Spanish.
World Language I	French I	Standard / CP	Introduction to French emphasizing foundational vocabulary, grammar, pronunciation, listening, speaking, reading, writing, and Francophone cultures.
World Language II	French II	Standard / CP	Continued development of French communication through increasingly complex grammar, vocabulary, conversation, listening, reading, writing, and cultural study.
World Language III	French III	CP / H	Intermediate-to-advanced French emphasizing authentic texts, extended communication, advanced grammar, composition, conversation, and Francophone cultures.
World Language IV	French IV	CP / H	Advanced French emphasizing fluency, literature and media, sophisticated written and oral communication, cultural analysis, and extended language use.
Advanced World Language	AP French Language & Culture	AP	College-level French following the authorized AP framework emphasizing interpretive, interpersonal, and presentational communication and cultural understanding.
World Language I	German I	Standard / CP	Introduction to German vocabulary, grammar, pronunciation, listening, speaking, reading, writing, and cultures of German-speaking societies.
World Language II	German II	Standard / CP	Continued development of German through increasingly complex grammar, vocabulary, conversation, reading, writing, listening, and cultural study.
World Language III	German III	CP / H	Intermediate-to-advanced German emphasizing authentic materials, extended communication, grammatical development, composition, and cultural understanding.

Requirement Met	Course Title	Suggested Level	Description
World Language IV	German IV	CP / H	Advanced German emphasizing fluency, authentic texts, literature and media, sophisticated communication, and cultural analysis.
Advanced World Language	AP German Language & Culture	AP	College-level German following the authorized AP framework emphasizing advanced communication and cultural analysis.
World Language I	Italian I	Standard / CP	Introduction to Italian vocabulary, grammar, pronunciation, listening, speaking, reading, writing, and Italian culture.
World Language II	Italian II	Standard / CP	Continued Italian emphasizing expanded vocabulary, grammar, conversation, listening, reading, writing, and cultural knowledge.
World Language III	Italian III	CP / H	Intermediate-to-advanced Italian emphasizing authentic texts, extended communication, composition, grammatical sophistication, and cultural study.
World Language IV	Italian IV	CP / H	Advanced Italian emphasizing fluent communication, authentic literature and media, composition, discussion, and cultural analysis.
Advanced World Language	AP Italian Language & Culture	AP	College-level Italian following the authorized AP framework emphasizing communication, authentic materials, and cultural understanding.
World Language I	Mandarin Chinese I	Standard / CP	Introduction to Mandarin emphasizing pronunciation and tones, listening, speaking, vocabulary, grammar, character recognition and writing, and Chinese cultures.
World Language II	Mandarin Chinese II	Standard / CP	Continued Mandarin study developing oral communication, listening, reading and writing characters, grammar, vocabulary, and cultural understanding.
World Language III	Mandarin Chinese III	CP / H	Intermediate-to-advanced Mandarin emphasizing increasingly authentic communication, reading, writing, listening, speaking, and cultural study.
World Language IV	Mandarin Chinese IV	CP / H	Advanced Mandarin emphasizing sustained communication, authentic texts and media, expanded literacy, composition, discussion, and cultural analysis.

Requirement Met	Course Title	Suggested Level	Description
Advanced World Language	AP Chinese Language & Culture	AP	College-level Mandarin following the authorized AP framework emphasizing advanced communication and understanding of Chinese-language cultures.
World Language I	Japanese I	Standard / CP	Introduction to Japanese pronunciation, vocabulary, grammar, listening, speaking, reading, writing systems, and Japanese culture.
World Language II	Japanese II	Standard / CP	Continued Japanese developing grammar, vocabulary, conversation, listening, reading, writing systems, and cultural understanding.
World Language III	Japanese III	CP / H	Intermediate-to-advanced Japanese emphasizing expanded literacy, authentic communication, increasingly complex grammar, composition, and cultural study.
World Language IV	Japanese IV	CP / H	Advanced Japanese emphasizing sustained oral and written communication, authentic texts and media, advanced literacy, and cultural analysis.
Advanced World Language	AP Japanese Language & Culture	AP	College-level Japanese following the authorized AP framework emphasizing advanced communication, literacy, and cultural understanding.
World Language I	Korean I	Standard / CP	Introduction to Korean emphasizing Hangul, pronunciation, foundational grammar, vocabulary, listening, speaking, reading, writing, and Korean culture.
World Language II	Korean II	Standard / CP	Continued Korean study emphasizing expanded grammar, vocabulary, conversation, listening, reading, writing, and cultural understanding.
World Language III	Korean III	CP / H	Intermediate-to-advanced Korean emphasizing authentic communication, increasingly sophisticated grammar, reading, writing, and cultural study.
World Language IV	Korean IV	CP / H	Advanced Korean emphasizing sustained communication, authentic texts and media, composition, discussion, and cultural analysis.
World Language I	Arabic I	Standard / CP	Introduction to Modern Standard Arabic emphasizing the writing system, pronunciation, vocabulary, grammar, listening, speaking, reading, writing, and Arabic-speaking cultures.

Requirement Met	Course Title	Suggested Level	Description
World Language II	Arabic II	Standard / CP	Continued Arabic developing vocabulary, grammar, reading and writing fluency, listening, speaking, and cultural knowledge.
World Language III	Arabic III	CP / H	Intermediate-to-advanced Arabic emphasizing authentic materials, extended communication, composition, grammatical development, and cultural study.
World Language IV	Arabic IV	CP / H	Advanced Arabic emphasizing sustained reading, writing, listening, speaking, authentic texts and media, and cultural analysis.
World Language I	Russian I	Standard / CP	Introduction to Russian emphasizing the Cyrillic alphabet, pronunciation, foundational vocabulary, grammar, listening, speaking, reading, writing, and culture.
World Language II	Russian II	Standard / CP	Continued Russian emphasizing expanded grammar, vocabulary, conversation, listening, reading, writing, and cultural study.
World Language III	Russian III	CP / H	Intermediate-to-advanced Russian emphasizing authentic texts, increasingly sophisticated communication, composition, grammar, and cultural understanding.
World Language IV	Russian IV	CP / H	Advanced Russian emphasizing sustained communication, literature and media, advanced grammatical structures, composition, and cultural analysis.
Classical Language I	Latin I	Standard / CP	Introduction to Latin vocabulary, grammar, morphology, syntax, translation, Roman culture, classical history, and Latin roots in English.
Classical Language II	Latin II	Standard / CP	Continued Latin emphasizing increasingly complex grammar, translation, vocabulary, Roman culture, mythology, history, and reading adapted classical texts.
Classical Language III	Latin III	CP / H	Advanced grammar and translation with increasing use of authentic Latin prose and poetry, literary analysis, Roman history, and classical culture.
Classical Language IV	Latin IV	CP / H	Advanced reading of authentic Latin authors emphasizing translation, syntax, literary interpretation, historical context, and classical civilization.

Requirement Met	Course Title	Suggested Level	Description
Advanced World Language	AP Latin	AP	College-level Latin following the authorized AP framework with intensive reading, translation, interpretation, and analysis of prescribed classical texts.
Classical Language I	Ancient Greek I	CP / H	Introduction to Ancient Greek alphabet, vocabulary, morphology, grammar, syntax, translation, and the historical and cultural world of ancient Greece.
Classical Language II	Ancient Greek II	CP / H	Continued Ancient Greek emphasizing increasingly complex grammar, vocabulary, translation, syntax, and reading of adapted or introductory authentic texts.
Classical Language III	Ancient Greek III	CP / H	Advanced grammar and translation with increasing reading of authentic Greek prose or poetry and study of literary and historical context.
Classical Language IV	Ancient Greek IV	CP / H	Advanced reading and interpretation of authentic Ancient Greek texts emphasizing translation, syntax, literary analysis, and classical civilization.
World Language I	American Sign Language I	Standard / CP	Introduction to ASL vocabulary, grammar, receptive and expressive signing, fingerspelling, nonmanual markers, visual communication, and Deaf culture.
World Language II	American Sign Language II	Standard / CP	Continued ASL developing vocabulary, grammatical complexity, receptive comprehension, expressive fluency, conversational skills, and understanding of Deaf culture.
World Language III	American Sign Language III	CP / H	Intermediate-to-advanced ASL emphasizing extended conversation, narrative, receptive fluency, grammatical sophistication, cultural knowledge, and expressive accuracy.
World Language IV	American Sign Language IV	CP / H	Advanced ASL emphasizing fluent receptive and expressive communication, storytelling, presentation, linguistic features, and deeper study of Deaf culture and community.
World Language I	Biblical Hebrew I	Standard / CP	Introduction to Biblical Hebrew alphabet, vocabulary, morphology, grammar, pronunciation, and translation of introductory biblical texts.
World Language II	Biblical Hebrew II	CP / H	Continued Biblical Hebrew emphasizing expanded vocabulary, grammar, syntax, translation, and increasingly substantial reading of biblical texts.

Requirement Met	Course Title	Suggested Level	Description
World Language III	Biblical Hebrew III	CP / H	Advanced study of Hebrew grammar, syntax, vocabulary, textual analysis, and sustained translation of biblical prose and poetry.
World Language I	Modern Hebrew I	Standard / CP	Introduction to modern Hebrew vocabulary, grammar, pronunciation, listening, speaking, reading, writing, and Israeli culture.
World Language II	Modern Hebrew II	Standard / CP	Continued modern Hebrew emphasizing expanded vocabulary, grammar, conversation, reading, writing, listening, and cultural understanding.
World Language III	Modern Hebrew III	CP / H	Intermediate-to-advanced Hebrew emphasizing sustained communication, authentic materials, composition, and cultural study.
World Language I	Portuguese I	Standard / CP	Introduction to Portuguese vocabulary, grammar, pronunciation, listening, speaking, reading, writing, and Lusophone cultures.
World Language II	Portuguese II	Standard / CP	Continued Portuguese emphasizing expanded vocabulary, grammar, conversation, listening, reading, writing, and cultural understanding.
World Language III	Portuguese III	CP / H	Intermediate-to-advanced Portuguese emphasizing authentic communication, increasingly complex language, composition, and cultural study.
World Language IV	Portuguese IV	CP / H	Advanced Portuguese emphasizing sustained oral and written communication, authentic texts and media, and cultural analysis.
World Language I	Other Modern Language I	Standard / CP	First-year structured study of another modern language emphasizing foundational listening, speaking, reading, writing, vocabulary, grammar, and cultural understanding.
World Language II	Other Modern Language II	Standard / CP	Second sequential year in the same modern language with increasing linguistic complexity, communication, literacy, and cultural understanding.
World Language III	Other Modern Language III	CP / H	Third sequential year emphasizing intermediate-to-advanced communication, authentic materials, linguistic sophistication, and cultural study.

Requirement Met	Course Title	Suggested Level	Description
World Language IV	Other Modern Language IV	CP / H	Fourth sequential year emphasizing advanced communication, authentic texts and media, extended composition or presentation, and cultural analysis.
World Language Elective	Spanish Conversation & Culture	Standard / CP	Continued Spanish emphasizing practical oral communication, listening comprehension, cultural study, authentic media, vocabulary development, and conversational fluency.
World Language Elective	Spanish Literature & Culture	CP / H	Advanced study of Spanish-language literary works and cultures through reading, discussion, analysis, composition, and research primarily using Spanish.
World Language Elective	French Conversation & Culture	Standard / CP	Continued French emphasizing oral communication, listening, authentic media, cultural study, vocabulary, and conversational fluency.
World Language Elective	French Literature & Culture	CP / H	Advanced study of Francophone literature and culture emphasizing authentic texts, literary analysis, discussion, composition, and research.
World Language Elective	Medical Spanish	Standard / CP / CTE	Applied Spanish for healthcare settings emphasizing medical vocabulary, patient communication, body systems, symptoms, instructions, cultural competence, and practical interaction.
World Language Elective	Spanish for Business	Standard / CP / CTE	Applied Spanish emphasizing workplace communication, customer interaction, correspondence, business vocabulary, cultural competence, and professional situations.
World Language Elective	Spanish for the Skilled Trades	Standard / CTE	Practical Spanish emphasizing workplace vocabulary, tools, measurements, safety, instructions, job-site communication, and common interactions in skilled-trades environments.
World Language Elective	Spanish for Public Safety	Standard / CTE	Practical Spanish for law enforcement, fire, EMS, and public-service settings emphasizing directions, emergency communication, basic interviewing, safety, and community interaction.
World Language Elective	Linguistics & Language Study	CP / H	Study of how languages work through phonetics, phonology, morphology, syntax, semantics, language change, dialects, language families, and comparative analysis.
World Language Elective	Comparative Romance Languages	CP / H	Comparative study of Latin-derived languages through vocabulary, grammar, sound change, linguistic history, cognates, and cultural development.

Requirement Met	Course Title	Suggested Level	Description
World Language Elective	Classical Roots of English	Standard / CP	Study of Latin and Greek roots, prefixes, suffixes, word formation, etymology, academic vocabulary, and the classical influence on English.

Classification notes

College Prep sequence. For the College Preparatory pathway, I would recommend **at least two sequential credits in the same language**. A student who continues through Level III or IV creates an even stronger academic record, especially if world language is a particular strength.

It is important to check with any college you are interested in – many no longer accept ancient languages for this requirement

Applied language courses. *Medical Spanish* should generally come **after foundational Spanish study** rather than replacing Spanish I. The same applies to Spanish for Business, Public Safety, or the Skilled Trades. Those are excellent electives or CTE-supporting courses because they build specialized vocabulary on an existing language foundation.

Classical languages. Latin and Ancient Greek are legitimate world-language studies even though the instructional emphasis is often reading and translation rather than conversational fluency. Biblical Hebrew can also be academically rigorous language study when it is actually a language course—not simply Bible study with occasional Hebrew vocabulary.

Elective Course Options

NOTE that College Prep students are required to take Academic Electives as opposed to General Electives

Academic Elective: A high-school-level course that extends a student's academic program through sustained study in a traditional academic discipline or another rigorous field requiring substantial reading, research, analysis, quantitative reasoning, formal writing, laboratory/investigative work, or similarly advanced intellectual work. Additional credits beyond the diploma minimum in English, mathematics, science, social studies, world language, computer science, or other academic disciplines may also fulfill the Academic Elective requirement.

Requirement Met	Course Title	Suggested Level	Description
Academic Elective	Introduction to Philosophy	CP / H	Study of major philosophical questions concerning knowledge, reality, morality, human nature, reason, freedom, and meaning through significant thinkers, texts, discussion, and analytical writing.

Requirement Met	Course Title	Suggested Level	Description
Academic Elective	Ethics	CP / H	Examination of major ethical theories and questions involving moral reasoning, responsibility, virtue, justice, rights, consequences, and application to contemporary issues.
Academic Elective	Logic & Critical Thinking	Standard / CP / H	Study of deductive and inductive reasoning, argument structure, logical fallacies, evidence, assumptions, rhetoric, and evaluation of competing claims.
Academic Elective	Classical Philosophy	CP / H	Study of major Greek and Roman philosophers and philosophical traditions with emphasis on primary texts, reason, virtue, politics, knowledge, and the good life.
Academic Elective	Philosophy of Religion	CP / H	Academic study of philosophical questions concerning God, faith and reason, knowledge, evil and suffering, miracles, religious experience, and competing arguments.
Academic Elective	Christian Apologetics	CP / H	Rigorous study of reasoned defenses of Christian belief, including worldview analysis, philosophical arguments, historical claims, objections, evidence, and development of clear written and oral arguments.
Academic Elective	Christian Worldview Studies	Standard / CP	Examination of foundational Christian beliefs and their relationship to knowledge, ethics, culture, work, society, and competing worldviews.
Academic Elective	Biblical Studies	Standard / CP / H	Academic study of biblical texts emphasizing historical and literary context, genre, interpretation, major themes, textual analysis, and research.
Academic Elective	Old Testament Survey	Standard / CP	Survey of Old Testament books, historical setting, literary genres, major themes, chronology, covenant, and interpretation.
Academic Elective	New Testament Survey	Standard / CP	Survey of New Testament books, historical context, literary forms, major themes, early Christianity, and interpretation.
Academic Elective	Biblical Interpretation & Hermeneutics	CP / H	Study of principles and methods for interpreting biblical texts through literary, grammatical, historical, theological, and contextual analysis.

Requirement Met	Course Title	Suggested Level	Description
Academic Elective	Systematic Theology	CP / H	Organized study of major Christian doctrines using Scripture, theological reasoning, historical perspectives, primary sources, research, and written analysis.
Academic Elective	Historical Theology	CP / H	Study of the development of Christian doctrine through major historical periods, theologians, councils, controversies, confessions, and primary theological texts.
Academic Elective	Comparative Theology	CP / H	Comparative study of major Christian theological traditions, doctrines, confessions, historical development, and interpretive differences.
Academic Elective	Missions & Global Christianity	Standard / CP	Historical and contemporary study of Christian missions, global Christianity, cross-cultural ministry, major movements, cultural questions, and geographic expansion.
Academic Elective	Classical Studies	CP / H	Interdisciplinary study of ancient Greece and Rome through history, literature, philosophy, mythology, politics, art, language, and primary sources.
Academic Elective	Medieval Studies	CP / H	Interdisciplinary study of medieval history, literature, religion, philosophy, government, art, science, and culture.
Academic Elective	Renaissance & Reformation Studies	CP / H	Interdisciplinary study of Renaissance and Reformation history, art, literature, religion, political thought, science, and major primary texts.
Academic Elective	American Studies	Standard / CP / H	Interdisciplinary study of American history, literature, political thought, culture, economics, religion, and society through significant texts and research.
Academic Elective	Western Civilization	Standard / CP / H	Interdisciplinary study of Western history, philosophy, literature, political institutions, religion, science, and culture from the ancient world through modernity.
Academic Elective	Great Books	CP / H	Intensive reading and discussion of significant works of literature, philosophy, history, theology, political thought, and other influential texts.

Requirement Met	Course Title	Suggested Level	Description
Academic Elective	Great Books of the Western World	CP / H	Chronological study of influential Western texts emphasizing close reading, seminar discussion, historical context, comparison, and analytical writing.
Academic Elective	Humanities Seminar	CP / H	Interdisciplinary seminar using significant works of literature, history, philosophy, art, religion, and political thought to investigate major human questions.
Academic Elective	Research Seminar	CP / H	Advanced research course emphasizing question development, scholarly sources, source evaluation, research methods, citation, synthesis, extended writing, and presentation.
Academic Elective	Independent Research	CP / H	Supervised investigation of a substantial academic question culminating in documented research, analysis, an extended paper or project, and formal presentation.
Academic Elective	Senior Thesis	CP / H	Advanced capstone requiring development and defense of a sustained thesis through independent research, scholarly sources, substantial academic writing, revision, and presentation.
Academic Elective	Interdisciplinary Capstone	CP / H	Culminating academic project integrating knowledge from multiple disciplines through research, problem solving, substantial written work, and presentation.
Academic Elective	Seminar in Current Issues	CP / H	Evidence-based examination of significant contemporary issues using research, competing perspectives, discussion, source evaluation, and analytical writing.
Academic Elective	Geography	Standard / CP	Study of physical and human geography including landforms, climate, population, culture, political boundaries, resources, economies, and spatial relationships.
Academic Elective	World Geography	Standard / CP	Regional study of the world emphasizing physical geography, cultures, populations, governments, economies, resources, migration, and global connections.
Academic Elective	Cultural Geography	Standard / CP	Study of language, religion, ethnicity, settlement, migration, cultural landscapes, diffusion, identity, and relationships between people and place.

Requirement Met	Course Title	Suggested Level	Description
Academic Elective	Legal Studies	Standard / CP / H / CTE	Introduction to legal reasoning, constitutional principles, civil and criminal law, courts, contracts, rights, legal research, and analysis of legal questions.
Academic Elective	Introduction to Education	Standard / CP / CTE	Study of teaching, learning, schools, educational philosophy, curriculum, child development, classroom environments, assessment, and the education profession.
Academic Elective	Educational Psychology	CP / H / CTE	Study of learning, cognition, motivation, development, memory, individual differences, assessment, and application of psychological principles to education.
Academic Elective	Child Development	Standard / CP / CTE	Study of physical, cognitive, language, social, emotional, and moral development from infancy through adolescence.
Academic Elective	Human Development	Standard / CP / CTE	Study of physical, cognitive, emotional, and social development across the human lifespan using developmental theory and research.
Academic Elective	Communication Studies	Standard / CP / H	Academic study of interpersonal, group, public, organizational, and mediated communication, including theory, research, rhetoric, and practical communication skills.
Academic Elective	Leadership Studies	Standard / CP / H / CTE	Study of leadership theories, decision-making, ethics, communication, motivation, teamwork, organizational behavior, conflict, and leadership practice.
Academic Elective	Research Methods	CP / H	Introduction to academic research design, qualitative and quantitative methods, sampling, measurement, source evaluation, ethics, data interpretation, and scholarly communication.
Academic Elective	Women's Studies	CP / H	Interdisciplinary study of women's experiences and contributions through history, literature, society, economics, law, culture, and primary-source research.
Academic Elective	Classical Rhetoric	CP / H	Study of classical theories of persuasion, argument, audience, arrangement, style, delivery, major rhetorical texts, and application to written and oral communication.

Requirement Met	Course Title	Suggested Level	Description
Academic Elective	Comparative Religion	Standard / CP / H	Academic comparative study of religious traditions, beliefs, texts, practices, historical development, cultural contexts, and religious institutions.
Academic Elective	Archaeology	Standard / CP / H	Study of past human societies through material remains, archaeological methods, excavation, dating, interpretation, preservation, and ethical questions.
Academic Elective	Linguistics	CP / H	Scientific study of language through phonetics, phonology, morphology, syntax, semantics, sociolinguistics, language acquisition, and language change.
Academic Elective	Classical Mythology	Standard / CP	Study of Greek and Roman mythology, major stories, deities, heroes, literary sources, cultural context, symbolism, and later influence.
Academic Elective	World Mythology	Standard / CP	Comparative study of myths from diverse cultures emphasizing creation stories, heroes, archetypes, religious traditions, cultural values, and interpretation.
Business / CTE Elective	Introduction to Business	Standard / CP / CTE	Survey of business organization, management, marketing, finance, accounting, entrepreneurship, operations, economics, ethics, and careers.
Business / CTE Elective	Entrepreneurship	Standard / CP / CTE	Development of a business concept through market research, business models, pricing, operations, marketing, finance, risk, and creation of a business plan.
Business / CTE Elective	Small Business Management	Standard / CTE	Practical study of starting and operating a small business, including planning, pricing, purchasing, staffing, customer service, marketing, finance, and compliance.
Business / CTE Elective	Principles of Management	Standard / CP / CTE	Study of planning, organizing, leadership, staffing, decision-making, operations, organizational structure, motivation, and management practice.
Business / CTE Elective	Marketing	Standard / CP / CTE	Study of markets, customers, branding, products, pricing, promotion, distribution, market research, advertising, and marketing strategy.

Requirement Met	Course Title	Suggested Level	Description
Business / CTE Elective	Digital Marketing	Standard / CP / CTE	Study of websites, search, email, social media, content, analytics, digital advertising, audience targeting, branding, and online marketing strategy.
Business / CTE Elective	Social Media Marketing	Standard / CTE	Strategic use of social platforms for audience development, content creation, branding, promotion, analytics, customer engagement, and campaign planning.
Business / CTE Elective	Advertising	Standard / CP / CTE	Study of persuasive communication, audiences, branding, campaign strategy, copy, visual advertising, media selection, ethics, and campaign development.
Business / CTE Elective	Accounting I	Standard / CP / CTE	Introduction to the accounting cycle, transactions, journals, ledgers, financial statements, assets, liabilities, equity, revenue, expenses, and business records.
Business / CTE Elective	Accounting II	CP / CTE	Continued accounting involving more complex transactions, payroll, inventory, receivables, depreciation, financial analysis, and accounting systems.
Business / CTE Elective	Business Law	Standard / CP / CTE	Study of contracts, business organizations, employment law, consumer law, liability, property, regulation, ethics, and legal issues affecting businesses.
Business / CTE Elective	Human Resources Management	Standard / CP / CTE	Study of recruitment, hiring, training, compensation, performance, workplace policy, employment law, organizational culture, and employee relations.
Business / CTE Elective	Retail & E-Commerce	Standard / CTE	Study of retail operations, merchandising, inventory, pricing, customer experience, online selling, fulfillment, payment systems, and e-commerce strategy.
Business / CTE Elective	Sales & Customer Relations	Standard / CTE	Study of professional selling, customer needs, communication, product presentation, negotiation, service, relationship management, and sales ethics.
Business / CTE Elective	Project Management	Standard / CP / CTE	Study of project planning, scope, scheduling, budgeting, resources, risk, teamwork, documentation, quality, and evaluation.

Requirement Met	Course Title	Suggested Level	Description
Business / CTE Elective	Nonprofit Management	Standard / CP / CTE	Introduction to nonprofit organizations, governance, fundraising, budgeting, volunteers, programs, communication, accountability, and community impact.
Business / CTE Elective	Event Planning & Management	Standard / CTE	Planning and execution of events through budgeting, scheduling, logistics, vendors, communication, marketing, risk management, and evaluation.
Business / CTE Elective	Hospitality & Tourism	Standard / CTE	Study of lodging, tourism, guest services, food service, event operations, travel, marketing, customer experience, and hospitality careers.
Business / CTE Elective	Sports Management	Standard / CP / CTE	Study of business and organizational aspects of sports including management, marketing, events, facilities, finance, communication, and sports organizations.
Business / CTE Elective	Real Estate Foundations	Standard / CTE	Introduction to real property, housing markets, transactions, mortgages, appraisal concepts, property management, contracts, investing, and real-estate careers.
Career / CTE Elective	Career Exploration	Standard / CTE	Structured investigation of career interests, strengths, occupations, education and training pathways, workplace expectations, labor-market information, and career planning.
Career / CTE Elective	Career & College Planning	Standard / CP / CTE	Development of postsecondary plans through career exploration, college or training research, applications, financial planning, résumés, and transition preparation.
Career / CTE Elective	Workplace Readiness	Standard / CTE	Preparation for employment through communication, professionalism, teamwork, problem solving, workplace expectations, time management, safety, and career documents.
Career / CTE Elective	Employability Skills	Standard / CTE	Development of workplace communication, reliability, initiative, problem solving, collaboration, adaptability, customer service, and professional conduct.
Career / CTE Elective	Internship	Standard / CP / CTE	Supervised work-based learning connecting academic or career goals to authentic workplace experience, reflection, evaluation, documentation, and development of professional skills.

Requirement Met	Course Title	Suggested Level	Description
Career / CTE Elective	Apprenticeship / Work-Based Learning	Standard / CTE	Structured supervised occupational learning involving progressive skill development, workplace instruction, safety, documentation, and evaluation.
Career / CTE Elective	Cooperative Work Experience	Standard / CTE	Documented employment integrated with learning objectives, workplace competencies, supervisor evaluation, reflection, and career development.
Career / CTE Elective	Job Shadowing & Career Exploration	Standard / CTE	Structured exploration of occupations through workplace observation, interviews, research, reflection, career comparisons, and development of a career plan.
Career / CTE Elective	Professional Portfolio Development	Standard / CP / CTE	Creation of a professional portfolio containing résumé, work samples, credentials, project documentation, references, reflections, and presentation materials.
Career / CTE Elective	Occupational Safety	Standard / CTE	Study of workplace hazards, personal protective equipment, safe tool and equipment use, ergonomics, emergency procedures, hazard communication, and safety culture.
Practical Arts / CTE Elective	Culinary Arts	Standard / CTE	Study and practice of cooking techniques, kitchen safety, food preparation, recipe interpretation, sanitation, menu planning, presentation, and culinary professionalism.
Practical Arts / CTE Elective	Baking & Pastry Arts	Standard / CTE	Study of baking principles and production of breads, pastries, cakes, cookies, desserts, doughs, fillings, decoration, sanitation, and production planning.
Practical Arts / CTE Elective	Advanced Culinary Arts	Standard / CTE	Advanced food preparation emphasizing technique, menu development, timing, presentation, cost control, sanitation, and increasingly independent culinary production.
Practical Arts / CTE Elective	Food Preservation	Standard / CTE	Study and practice of safe food preservation including freezing, dehydration, fermentation, pickling, and appropriate canning principles and procedures.
Practical Arts / CTE Elective	Sewing & Clothing Construction	Standard / CTE	Study of sewing equipment, textiles, patterns, measurement, fitting, seams, closures, garment construction, alteration, and project planning.

Requirement Met	Course Title	Suggested Level	Description
Practical Arts / CTE Elective	Advanced Sewing & Tailoring	Standard / CTE	Advanced garment construction emphasizing fitting, pattern alteration, tailoring techniques, linings, structured garments, finishing, and complex projects.
Practical Arts / CTE Elective	Home Furnishings & Interior Sewing	Standard / CTE	Construction of curtains, cushions, pillows, slipcovers, bedding, and other household textiles through measurement, fabric selection, sewing, and project planning.
Practical Arts / CTE Elective	Interior Decorating	Standard / CTE	Practical study of room planning, color, furnishings, textiles, lighting, accessories, budgeting, sourcing, and development of coordinated interior spaces.
Practical Arts / CTE Elective	Home Maintenance & Repair	Standard / CTE	Practical instruction in household systems, tools, routine maintenance, minor repairs, troubleshooting, safety, painting, hardware, and responsible home ownership.
Practical Arts / CTE Elective	Basic Carpentry	Standard / CTE	Introduction to woodworking and construction tools, measurement, layout, materials, joinery, safety, plans, and construction of practical projects.
Practical Arts / CTE Elective	Furniture Making	Standard / CTE	Construction of furniture emphasizing design, material selection, joinery, measurement, tools, assembly, surface preparation, and craftsmanship.
Practical Arts / CTE Elective	Furniture Restoration & Refinishing	Standard / CTE	Study and practice of furniture assessment, cleaning, repair, stripping, surface preparation, staining, finishing, hardware care, and appropriate restoration methods.
Practical Arts / CTE Elective	Woodworking	Standard / CTE	Development of woodworking skills through measurement, tools, joinery, materials, plans, safety, construction, finishing, and progressively complex projects.
Practical Arts / CTE Elective	Electrical Fundamentals	Standard / CTE	Introduction to electrical safety, circuits, wiring concepts, tools, measurement, components, troubleshooting, and residential or occupational electrical applications.
Practical Arts / CTE Elective	Plumbing Fundamentals	Standard / CTE	Introduction to plumbing systems, materials, fittings, tools, water supply, drainage, fixtures, maintenance, troubleshooting, and safety.

Requirement Met	Course Title	Suggested Level	Description
Practical Arts / CTE Elective	Automotive Maintenance	Standard / CTE	Practical vehicle maintenance including inspections, fluids, tires, brakes, batteries, basic electrical systems, preventative maintenance, troubleshooting, and shop safety.
Practical Arts / CTE Elective	Small Engine Repair	Standard / CTE	Maintenance, diagnosis, disassembly, repair, and reassembly of small engines with emphasis on mechanical systems, tools, safety, and troubleshooting.
Practical Arts / CTE Elective	Welding Foundations	Standard / CTE	Introduction to welding processes, equipment, metals, joint preparation, measurement, fabrication, shop safety, and development of foundational welding skills.
Practical Arts / CTE Elective	Metalworking & Fabrication	Standard / CTE	Study of metalworking tools, measurement, cutting, forming, joining, fabrication, finishing, safety, and creation of practical projects.
Practical Arts / CTE Elective	Home & Consumer Management	Standard	Practical management of a household through meal planning, purchasing, cleaning systems, maintenance, organization, budgeting, scheduling, and resource management.
Practical Arts / CTE Elective	Independent Living	Standard / CTE	Preparation for adult independence through housing, transportation, cooking, laundry, basic repairs, scheduling, consumer skills, workplace responsibilities, and household management.
Agriculture / CTE Elective	Introduction to Agriculture	Standard / CTE	Survey of plant, animal, soil, food, natural-resource, agribusiness, and agricultural-technology systems and related careers.
Agriculture / CTE Elective	Horticulture	Standard / CTE	Practical study of plant growth, propagation, soils, nutrition, pest management, greenhouse production, landscape plants, and horticultural careers.
Agriculture / CTE Elective	Gardening & Food Production	Standard / CTE	Planning and maintaining food gardens through soil preparation, planting, propagation, crop care, pest management, harvesting, preservation, and seasonal planning.
Agriculture / CTE Elective	Sustainable Agriculture	Standard / CP / CTE	Study of agricultural systems emphasizing soil health, conservation, crop production, livestock, resource management, economics, and sustainable practices.

Requirement Met	Course Title	Suggested Level	Description
Agriculture / CTE Elective	Animal Husbandry	Standard / CTE	Practical care and management of livestock or domestic animals including housing, nutrition, health, reproduction, behavior, handling, and record keeping.
Agriculture / CTE Elective	Equine Studies	Standard / CTE	Study of horse care, nutrition, health, behavior, handling, facilities, equipment, management, and equine-industry practices.
Agriculture / CTE Elective	Beekeeping	Standard / CTE	Study and practice of honeybee biology, hive management, equipment, seasonal care, pests and disease, pollination, honey production, and apiary safety.
Agriculture / CTE Elective	Forestry & Land Management	Standard / CTE	Practical study of forests, tree identification, measurement, habitat, conservation, timber management, land stewardship, tools, and resource planning.
Agriculture / CTE Elective	Agribusiness	Standard / CP / CTE	Study of agricultural business through production costs, markets, finance, supply chains, marketing, management, entrepreneurship, and agricultural economics.
Ministry / Service Elective	Ministry Leadership	Standard / CP	Study and practice of Christian ministry leadership including communication, organization, discipleship, service, planning, teamwork, ethics, and leadership development.
Ministry / Service Elective	Youth Ministry	Standard / CP	Study and practice of ministry to children and adolescents through teaching, discipleship, communication, program planning, safety, service, and leadership.
Ministry / Service Elective	Children's Ministry	Standard / CP	Study and practice of teaching and serving children through age-appropriate instruction, lesson planning, communication, classroom management, safety, and ministry organization.
Ministry / Service Elective	Worship Leadership	Standard / CP	Study and practice of worship planning, music selection, leadership, communication, teamwork, theology of worship, rehearsal, and congregational service.
Ministry / Service Elective	Community Service & Leadership	Standard / CP	Structured service-learning combining meaningful community service with planning, leadership, reflection,

Requirement Met	Course Title	Suggested Level	Description
			research, documentation, and evaluation of community needs.
Ministry / Service Elective	Service Learning	Standard / CP	Academic and practical learning through sustained service connected to defined learning objectives, reflection, research, problem solving, and community engagement.
Communication / Creative Elective	Podcasting	Standard / CP / CTE	Development and production of podcasts through research, scripting, interviewing, recording, editing, sound design, publishing, and audience communication.
Communication / Creative Elective	Broadcasting	Standard / CP / CTE	Study and production of broadcast media through writing, presentation, interviewing, audio/video production, editing, news judgment, and media ethics.
Communication / Creative Elective	Yearbook & Publication Design	Standard / CTE	Planning and production of a yearbook or major publication through writing, photography, design, layout, editing, project management, and collaborative production.
Communication / Creative Elective	Content Creation & Digital Storytelling	Standard / CTE	Creation of responsible digital content through writing, photography, video, audio, design, audience analysis, storytelling, editing, and publishing.
Communication / Creative Elective	Public Relations	Standard / CP / CTE	Study of strategic communication, audiences, media relations, organizational messaging, press materials, campaigns, reputation, crisis communication, and ethics.
Communication / Creative Elective	Professional Communication	Standard / CP / CTE	Development of workplace writing, presentations, interpersonal communication, meetings, interviews, digital communication, audience awareness, and professional etiquette.
Leadership / Life Skills Elective	Personal Leadership	Standard / CP	Study of goal setting, habits, decision-making, communication, responsibility, time management, self-management, ethics, and development of personal leadership skills.
Leadership / Life Skills Elective	Organizational Leadership	Standard / CP / CTE	Study of leadership within groups and organizations through communication, delegation, motivation, culture, decision-making, conflict, planning, and team development.

Requirement Met	Course Title	Suggested Level	Description
Leadership / Life Skills Elective	Conflict Resolution & Negotiation	Standard / CP / CTE	Study and practice of communication, listening, mediation, negotiation, problem solving, de-escalation, conflict styles, and constructive resolution.
Leadership / Life Skills Elective	Practical Adulting	Standard / CTE	Applied preparation for adult responsibilities including appointments, forms, records, transportation, household routines, consumer decisions, workplace expectations, and personal organization.
Leadership / Life Skills Elective	Time & Project Management	Standard / CP / CTE	Practical study of planning, prioritization, scheduling, goals, task management, workflow, deadlines, documentation, and completion of substantial projects.
Leadership / Life Skills Elective	Personal Organization & Productivity	Standard / CTE	Development of systems for scheduling, records, digital files, tasks, routines, communication, planning, and effective management of personal responsibilities.