



# LANDOW JEWISH ACADEMY PARENT / STUDENT HANDBOOK

2025 - 2026

# HIGH SCHOOL COURSE DESCRIPTIONS

## ENGLISH/LANGUAGE ARTS

### English/Language Arts 9

**Credit: 1**

**Description:** English 1 provides instruction in the language arts strands of reading, writing, speaking, listening viewing, language, and literature. It offers instruction in reading and vocabulary strategies necessary for comprehension of printed materials; research; the writing of effective paragraphs and multi-paragraph papers, with emphasis upon all stages of the writing process in prepared or timed form (prewriting, drafting, editing, proofreading, publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres, and the study of language concentrating on conventions of grammar, usage, and mechanics. Technology is incorporated into all aspects of the courses.

*Honors course available on request with teacher approval.*

**Curriculum: Collections; Sadlier Vocabulary Works-  
hop Achieve Level D, Sadlier Grammar for Writing 9**

### English/Language Arts 10

**Credit: 1**

**Description:** English 2 provides instruction in the language arts strands of reading, writing, speaking, listening viewing, language, and literature. Content includes instruction in reading literature and vocabulary strategies necessary to comprehend printed materials; the writing of essays for various purposes and audiences, using literary and nonliterary subjects; prepared and timed writings, utilizing all elements of the writing process where appropriate (prewriting, drafting, editing, revising and publishing); emphasis of applicable research, viewing, listening, observing, and speaking skills; analysis of selections found in world literature; study of grammar, mechanics, usage and other conventions of standard written English; study of mass media, including analysis of propaganda and persuasion techniques; and instruction in speech, including analysis of effective techniques in oral presentations. Technology is incorporated into all aspects of the course.

**PREREQUISITE:** One English credit

*Honors course available on request with teacher approval.*

**Curriculum: Collections; Sadlier Vocabulary Works-  
hop Achieve Level E, Sadlier Grammar for Writing 10**

### English/Language Arts 11

**Credit: 1**

**Description:** English 3 provides instruction in the language arts strands of reading, writing, speaking, listening viewing, language, and literature. Composition instruction includes frequent practice in writing various types of multiparagraph papers, including documented papers/projects. Reference and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, editing, revising, and publishing). This study will include the analysis of representative examples of American literary works in various genres as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, viewing, observing, researching, and writing assignments are related to the study of American literature when appropriate. Technology is incorporated into all aspects of the course.

*Honors course available on request with teacher approval*

### English/Language Arts 12

**Credit: 1**

**Description:** English 4 provides instruction in the critical analysis of representative examples from British literature as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school. Opportunity is provided to extend speaking, viewing, observing, researching, and listening skills. Content includes instruction in vocabulary strategies and reading necessary for comprehension of printed materials. Technology is incorporated into all aspects of the course.

**PREREQUISITE:** Three English credits

*Honors course available on request with teacher approval*

# HIGH SCHOOL COURSE DESCRIPTIONS

## ENGLISH/LANGUAGE ARTS

### ENC 1101 College Writing & Rhetoric I

**Dual Enrollment**

**Credit: 1**

**Description:** ENC 1101, the first of FIU's two-course writing sequence, introduces students to the writing, reading, and critical thinking skills required for college writing. Course materials and writing projects introduce rhetorical concepts and invite students to consider themselves as writers inside and outside the classroom. Students will read and analyze professional nonfiction texts to understand how experienced writers develop and present ideas through writing. They will complete four major writing projects for a variety of audiences and purposes. Three of these projects (800-1,800 words in length) will be written in a multi-draft writing process, while a fourth project will offer students practice in timed writing contexts.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements**

### ADV 3008 Principles of Advertisement

**Dual Enrollment**

**Credit: 1**

**Description:** Comprehensive survey of basic principles and practices of advertising emphasizing creative/media strategy decision processes and historical, social, economic, and social influences.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements**

### SPC 2608 College Public Speaking

**Dual Enrollment**

**Credit: 1**

**Description:** SPC 2608 examines the basic components of effective individual and group presentations, including research, preparation, construction, and delivery. This course will help you succeed personally, professionally, and academically. It will improve your confidence and ability to communicate successfully with others, both in and outside the classroom. It will teach you how to prepare and deliver formal presentations, which is vital during your education and in the workplace. Improvement is a process and will not happen overnight; however, you will gain and hone skills with each speech. This course requires you to deliver speeches, which prepares you for real-world speaking contexts.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements**

# HIGH SCHOOL COURSE DESCRIPTIONS

## MATHEMATICS

### Algebra I

**Credit: 1**

**Description:** Algebra I is a course designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. The content shall include, but not be limited to, perform set operations, use fundamental concepts of logic including Venn diagrams, describe the concept of a function, use function notation, solve real-world problems involving relations and functions, determine the domain and range of relations and functions, simplify algebraic expressions, solve linear and literal equations, solve and graph simple and compound inequalities, solve linear equations and inequalities in real-world situations, rewrite equations of a line into slope-intercept form and standard form, graph a line given any variation of information, determine the slope, x- and y-intercepts of a line given its graph, its equation or two points on the line, write an equation of a line given any variation of information, determine a line of best fit and recognize the slope as the rate of change, factor polynomial expressions, perform operations with polynomials, simplify and solve algebraic ratios and proportions, simplify and perform operations with radical expressions, graph systems of linear equations and inequalities in two and three variables and quadratic functions, and use varied solution strategies for quadratic equations and for systems of linear equations and inequalities in two and three variables.

*Honors course available on request with teacher approval*

**Curriculum: Glencoe/McGraw Hill Algebra 1**

### Geometry

**Credit: 1**

**Description:** Geometry is a course designed to develop the geometric knowledge that can be used to solve a variety of real-world and mathematical problems. The content will include geometric constructions; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proof; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity; properties of circles; and right triangle trigonometry.

**PREREQUISITE:** Algebra 1 or Algebra 1 Honors, Teacher consultation

*Honors course available on request with teacher approval*

**Curriculum: Glencoe/McGraw Hill Geometry**

### Algebra II

**Credit: 1**

**Description:** Algebra 2 is a course designed to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics shall include structure and properties of the complex number system; arithmetic and geometric sequences and series; relations, functions, and graphs extended to polynomial, exponential, and logarithmic functions; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; varied solution strategies including the quadratic formula for quadratic equations; conic sections and their applications; and data analysis, including measures of central tendency and dispersion, and probability, permutations, and combinations.

**PREREQUISITE:** Algebra 1 or Algebra 1 Honors, Geometry or Geometry Honors and teacher consultation

*Honors course available on request with teacher approval*

# HIGH SCHOOL COURSE DESCRIPTIONS

## MATHEMATICS

### Probability & Statistics

**Credit: 1**

**Description:** Probability and Statistics is a full year course designed to explore the concepts of probability, elementary statistics, and hypothesis testing. Topics shall include, but not be limited to random experiments, probability concepts, permutations, combinations, sample space, binomial distribution, concepts of descriptive statistics, measure of central tendency, measures of variability, normal distribution, the t-distributions, the chi-squared distributions, the F-distributions, and applications of various nonparametric statistical tests.

**PREREQUISITE:** Algebra 2 and Teacher consultation  
**Honors course available on request with teacher approval**

### MAC 1105 College Algebra Dual Enrollment

**Credit: 3**

**Description:** MAC 1105 is a review of Algebra designed to prepare students for higher level college Math and Science courses. This course includes the study of relations; linear, quadratic, exponential, logarithmic, radical, absolute value, rational and polynomial functions, including their properties and graphs; radicals, exponents, complex numbers, and absolute values; and systems of equations and inequalities.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements.**

### MAC 1147 College Pre-Calculus & Trigonometry

**Dual Enrollment**

**Credit: 3**

**Description:** Course content includes college algebra, functions, coordinate geometry, exponential and logarithmic functions, and trigonometry. This fast-paced course is designed as a review of algebra and trigonometry to prepare the student for calculus. It combines two courses (MAC 1140 and MAC 1114) into one. In this course the student will study various function families (e.g. polynomial, exponential, logarithmic, trigonometric) from both analytic and graphical viewpoints, and will use them to model real-life situations. The student will be exposed to additional topics that will deepen their mathematical understanding, including systems, matrices and determinates, sequences and series, parametric equations, and polar coordinates and equations. A graphing calculator may be required.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements.**

# HIGH SCHOOL COURSE DESCRIPTIONS

## SCIENCE

### Biology

#### Credit: 1

**Description:** Biology I will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include, but not be limited to: the scientific method, measurements, laboratory apparatus usage and safety, cell biology and cell reproduction, principles of genetics, biological change through time, classification, microbiology, structure and function of plants and animals, structure and function of the human body, and ecology. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

*Honors course available on request with teacher approval*

**Curriculum:** Miller & Levine Biology; Miller & Levine Biology Study Workbook A

### Chemistry

#### Credit: 1

**Description:** Chemistry I will provide opportunities for students to study the composition, properties, and changes associated with matter. Topics will include, but not be limited to: classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, balanced equations, behavior of gases, physical changes, acids, bases, and salts. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

**PREREQUISITE:** Completion of Pre-Algebra or

Algebra I

*Honors course available on request with teacher approval*

**Curriculum:** Holt Chemistry; Holt Chemistry Problem Solving Workbook

### Anatomy and Physiology

#### Credit: 1

**Description:** Anatomy and Physiology Honors will provide students with general exploratory and advanced activities in structures and functions of the components of the human body. Topics will include, but not be limited to: anatomical terminology, cells and tissues, systems of the body, disease and inheritance. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus and safety, are an integral part of this course.

**PREREQUISITE:** A or B in Biology I Honors  
*Honors course available on request with teacher approval*

### EGN 2271 College Intro to Circuits & Hardware for Electrical Engineering Dual Enrollment

#### Credit: 3

**Description:** This is an undergraduate-level course which covers the basics of circuits and digital design. The course presents an insider's perspective on the fundamental of resistive circuits, how digital systems are designed and how they work. The course is intended to serve students with a background in the Internet of Things. Topics covered include the resistive circuits, laws governing circuits, electronic switches, logic gates, gate-level minimization, arithmetic and logic unit, and electronic memories.

**PREREQUISITE:** Completion of FIU's Dual Enrollment Admissions Requirements

## HIGH SCHOOL COURSE DESCRIPTIONS



### SCIENCE

#### **COP 1000 College Intro to Computer Programming Dual Enrollment**

**Credit: 3**

**Description:** Uses graphics and animation in a media programming environment to teach problem solving and programming concepts to students with no prior experience. This course is an introduction to computer programming. Students will solve programming problems by coding programs that input and process data and generate output. Solutions to programming problems will require coding decision structures, repetition structures, and custom functions. Some programs will require creating and reading text files and working with lists. Additional topics include an overview of how computers work, the Internet, binary numbers, and hexadecimal numbers.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements**

#### **PSY 2012 College Intro to Psychology Dual Enrollment**

**Credit: 3**

**Description:** Psychological principles underlying the basic processes of sensation, perception, cognition, learning, memory, life-span developmental, social behavior, personality, abnormal behavior, and psychotherapy.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements.**

# HIGH SCHOOL COURSE DESCRIPTIONS

## SOCIAL STUDIES

### Geography

**Credit: 1**

**Description:** Through World Geography Honors, an elective, students acquire understanding of the interrelationships between people and their natural and cultural environments and between nations and people in a geopolitical context. Appropriate concepts and skills will be developed through study of physical geography, natural resources, and contemporary problems and conflicts stressing the economic, political, social, cultural, religious and historic aspects of human activity in and among selected world regions. *Honors course available on request with teacher approval*

**Curriculum:** HMH Global Geography; HMH Global Geography Reading Workbook

### World History

**Credit: 1**

**Description:** World History will provide students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Specific content to be covered will include, but not be limited to, an understanding of geographic-historic and timespace relationships, a review of pre-history, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophies, the development of nationalism as a global phenomenon, the origin and course of economic systems and philosophies.

**PREREQUISITE:** Completion of Geography  
*Honors course available on request with teacher approval*

**Curriculum:** HMH World History; HMH World History Reading Workbook

### U.S. History

**Credit: 1**

**Description:** American History will provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation. Content to be covered will include, but not be limited to, an understanding of geographic-historic and time-space relationships, the synthesizing of American culture through the centuries, the origin of American ideals, the American colonial experience, the American Revolution and the Federal System, the Civil War as the solution to the secession issue, the technological and urban transformation of the country, and American foreign policy development.

**PREREQUISITE:** Completion of World History  
*Honors course available on request with teacher approval*

### U.S. Government

**Credit: .5**

**Description:** American Government will provide students the opportunity to acquire an understanding of American government and political behavior. Content to be covered will include, but not be limited to, an analysis of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process. This course is paired with a semester of Economics.

*Honors course available on request with teacher approval*

# HIGH SCHOOL COURSE DESCRIPTIONS

## SOCIAL STUDIES

### Economics

**Credit: .5**

**Description:** Economics will provide students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. Content will include, but not be limited to, using economic principles and reasoning in reaching decisions in the market place. Necessary to that understanding are the roles and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, comparative advantage, division of labor, interdependence, how markets work, savings and investment, specialization, the role of the citizen as producer, consumer, and decision-maker, the role and function of government policy, the role of money, financial institutions and labor, distinctions between micro and macro economic problems, and the similarities and differences of other economic systems. This course is paired with a semester of American Government.

**PREREQUISITE:** Completion of U.S. History  
*Honors course available on request with teacher approval*

### GEB 2011 College Intro to Business Dual Enrollment

**Credit: 3**

**Description:** Looks at the business arena by examining the role/function of business, types of businesses, managerial functions, marketing principles, financial management, technology, ethics and global influences.

**PREREQUISITE:** Completion of FIU's Dual Enrollment Admissions Requirements

### ENT 1000 College Intro to Entrepreneurship Dual Enrollment

**Credit: 3**

**Description:** Introduction to how to start and run a new enterprise. How to write business plans. Obtaining loans, copyrights, permits, and other resources. Tools and experience that can be utilized professionally.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements**

### ECO 1000 College Intro to Economics Dual Enrollment

**Credit: 3**

**Description:** Introduction to economics. Includes microeconomics: the economics of individual units in the economy, like households and firms; and macroeconomics: the economics of aggregate problems like inflation, unemployment, and growth.

**PREREQUISITE: Completion of FIU's Dual Enrollment Admissions Requirements**

## OTHER ELECTIVES

### Physical Education

**Credit: 1**

**Description:** This course provides students with the opportunity to learn a variety of sports and sport related movements as well as health and fitness concepts. Health topics relate to nutrition, fitness health and wellness. Emphasis is placed on active participation and positive social interaction during fitness and sport activities.

### Health & Fitness

**Credit: 1**

**Description:** This course aims to educate students on topics such as exercise, nutrition, and stress management to help them make healthy choices throughout their lives.

# HIGH SCHOOL COURSE DESCRIPTIONS

## OTHER ELECTIVES

### **Yoga**

**Credit: 1**

**Description:** Students will develop an enhanced appreciation of their own body, and an acceptance of its uniqueness. They will have improved spinal mobility, increased flexibility of movement, increased strength, and improved posture and sitting habits. Their focus and concentration will improve, as will their functional breathing. They will learn to be more in touch with their own needs, and those of others. Students will learn to identify the precursors of stress and release them more easily. They will learn how to relax at will. They will experience the health benefits of yoga, and learn coping skills that will enable them to get more out of everyday life.

### **Advanced Performance & Wellness**

**Credit: 1**

**Description:** This course focuses on fitness, strength training, physical conditioning, and concepts, activities, and knowledge that promote lifelong health and wellness. The course is structured to develop students understanding of weight training and physical conditioning for the beginning and advanced athlete.

### **Journalism I**

**Credit: 1**

**Description:** Journalism introduces students to the exciting world of print, online and broadcast media. Law, ethics and the history of journalism complement the major units of study: reporting, writing, editing, photography, advertising, design, management and teamwork.

### **Intro to Social & Digital Media**

**Credit: 1**

**Description:** The course teaches individuals how to create a social media campaign, and how to analyze and present data in order to address organizational issues and make appropriate business decisions... You will also learn how to build social media strategies and tactics, build and manage campaigns, and develop social media content.

### **Future Engineers**

**Credit: 1**

**Description:** This STEM course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing and building speakers apply math, science, history, and English content from other courses in a STEM experience. This course makes science and mathematics more engaging, interesting, concrete, and relevant. The course's intention and purpose is to educate students in a "main line" method providing STEM education for everyone. While providing a STEM based education for all students, those interested in becoming practicing engineers clearly benefit from this course content.

### **Intro to Business**

**Credit: 1**

**Description:** Introduction to Business introduces students to the various functions and areas of business, including strategy, marketing, economics, finance, operations, accounting, ethics, human-resources, management, technology, and information.

### **Entrepreneurship Lab**

**Credit: 1**

**Description:** An entrepreneur is someone who identifies an opportunity by creating a solution to a problem, starts a business, assumes the personal and financial risk (and rewards) of the venture, and strives for constant improvement in an effort to grow the business and improve society. In Principles of Entrepreneurship, we will highlight the various aspects involved in envisioning, starting, growing, leading, and managing a business. And, we walk students through the process of creating a pitch deck for their business plan, i.e. a roadmap of the business's goals and objectives, and the strategy and details of how those goals and objectives will be achieved. In this course students will spend the year building their own business plan and developing a business pitch for an investor panel.