



Dear Seniors and Senior Families,

Welcome to your Senior year at The Franklin School of Innovation! The Senior team would like to introduce our team and our classes, and a few expectations. We look forward to guiding you through your final year of high school. In the meantime, here are some basics (and a supply list!) to get you started for each of your student's core academic classes:

General Senior Requirements:

All FSI seniors are required to apply to at least one four-year college. We will guide seniors through this process in Crew with the help of Ms. JaneAnne Tager.

Seniors are also required to complete service hours as a graduation requirement. Students will complete ten hours of service per year they have been enrolled in high school at FSI. So, if your student has been here all four years, they must complete a minimum of 40 service hours. (A special cord is awarded for 100+ hours of service at graduation!)

English IV (Teacher: Alex Humphrey - ahumphrey@thefsi.us)

English IV is, primarily, a literature course. We will read many works - novels, plays, short stories, poems - written by authors from a variety of backgrounds. Our work will take the form of discussions, short and extended writings, creative projects, and vocabulary quizzes. This class is designed to be student-centered and student-driven. Overall, the goal is to continue to sharpen the ELA skills you have acquired through your high school career, so that you may be prepared to apply those critical reading, writing, thinking, speaking, and listening skills after graduation.

AP Literature (Teacher: Alex Humphrey - ahumphrey@thefsi.us)

AP Literature is designed to teach you to read, write, and think like a scholarly academic. As such, in this course, you will develop reading, writing, speaking, listening, and critical thinking skills that are expected for collegiate-level study. Course readings will be focused heavily on prose fiction and poetry in preparation for the AP Literature & Composition Exam in May. We will also study drama, as well as supplemental nonfiction texts that will aid in our analysis and understanding of the literature. We will analyze texts verbally, in writing (through timed writings and extended essays), and through creative projects. Though this course is designed to be rigorous, my ultimate goal is to foster a love for literature as well as a keen eye for high-level analysis.

AP Literature Summer Work
(Only AP students must complete summer work - NOT English IV)

Please complete your summer reading according to the instructions we reviewed in our meeting. Remember, all students MUST submit a **hard copy** of the assignment on the first day of classes.

[Assignment Overview & Intentions](#)

[Major Works Data Sheet](#) (w/ recommended reading list)

American History (Teacher: Lexi Johnson - ljohnson@thefsi.us)

Our American History course examines America's mission to create a more perfect union. During the first semester, we examine the struggle to form a more perfect union through the actions and accomplishments of civil rights movements; including Native Americans, African Americans, Women, Immigrants, Impoverished Americans and LGBT movements. During the second semester, we examine the struggle to create a more perfect world; including America's involvement in the Spanish American War, World War I, World War II, The Cold War, The War on Terror and beyond. Throughout the year, we ask and answer three major questions: What is the changing role of the United States government in citizens' lives? How have specific individuals and groups worked to form a more perfect union? What is the changing role of the United States in world affairs?

Honors Physics/Physical Science (Teacher: Emily Davidson - edavidson@thefsi.us)

These courses will introduce students to the basics of motion and scientific inquiry, and also delve into forces, waves, electricity, and magnetism. Honors Physics will focus on mathematical relationships, while Physical Science will center on concepts of motion.

Math IV (Teacher: Jessica Fine - jfine@thefsi.us)

This course is designed to prepare students to take college-level Algebra, PreCalculus, or Statistics. The primary focus of this course is on functions and statistical thinking, continuing the study of algebraic functions, trigonometry and statistical concepts previously experienced in NC Math 1, 2, and 3. The first half of the year focuses on algebra and trigonometry, and the second half of the year focuses on data science/statistics.

PreCalculus (Teacher: Jessica Fine - jfine@thefsi.us)

This course is intended to prepare students for AP Calculus AB and other higher level mathematics. In this course students will use and expand their knowledge and understanding of topics learned in Math 3, such as real and complex numbers, functions, equations and expressions, modeling polynomial and rational functions, exponential and logarithmic functions, and analytic geometry. A large portion of the classes focuses on trigonometric functions and their applications. In addition, students will study vector theory, matrices, polar coordinates, and parametric equations.

AP Statistics (Teacher: Jessica Fine - jfine@thefsi.us)

This course is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

AP Statistics Summer Work

Please complete this [Summer Assignment for AP Statistics](#). It includes an introductory letter with an explanation of the assignment as well as a link to some resources that will help you complete it. Please submit a **hard copy** of the assignment on the first day of classes. Your responses can be written on the assignment itself or on notebook/graph paper.

AP Research Summer Work (Teacher: Tess Barnes Dunn - tbarnesdunn@thefsi.us)*

AP Research students will read Ernest Hemingway's The Old Man and the Sea to prepare for the mindset which will be necessary for our class.

*NOTE: While AP Research is only offered to seniors, Ms. Barnes is a member of the 11th grade team.

Additional 12th Grade Team Members:

Gretchen Kehrberg, Exceptional Children (gkehrberg@thefsi.us)

Heather Kabat, Spanish (hkabat@thefsi.us)

JaneAnne Tager, College & Career Counselor (jtager@thefsi.us)

Supply List

*Please note that the schoolwide consumables fee for this school year will be \$15.

	Required Supplies	Requested Supplies
English IV / AP Literature	1 composition notebook or spiral-bound journal Scissors Gluestick Multi-colored highlighters Readable writing utensils	Index cards Notebook paper
American History	1 Composition Notebook	
Honors Physics/Physical Science	1 3-ring binder 1 scientific calculator (does not need to be graphing, recommended: TI36X-Pro) 1 protractor (with cm)	Highlighters Expo markers Pens Pencils Graph paper Notebook paper Ruler (with in & cm)
Math IV, PreCalculus, AP Statistics	1 3-ring binder (1.5-2 inches)	For AP Statistics, a graphing calculator (e.g. TI-83) would be helpful, but some will be available for your use in class.
Electives (most electives will provide a supply list on the first day of classes) Visual Arts	Some supplies vary depending on the art course: 8.5 x 11 (or larger) sketchbook (3D, Art 1 - 4, AP) 2 fine tip sharpies (Art 1 - 3) 2 ultra fine tip sharpies (Art 1 -3) Set of micron pens - variety of sizes (required: Art 2 - 3, optional: Art 1, 4, AP) Kneaded Eraser (Art 1 - 4, AP)	