AP Seminar:
AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. The AP Research course operates as year one of the AP Capstone program.

Prerequisites: English 1, Honors Grade: A- Strong recommendation from English I teacher

Assessment: Students will be assessed on tests, quizzes, homework, projects, writing assignments, annotations, and participation.

AP Research:
The AP Research course operates as year two of the AP Capstone program. After teaching students how to enter the academic conversation in AP Seminar, the AP Research year is designed to instruct students how to begin that conversation. AP Research is an inquiry-based course that encourages students to locate a gap in their preferred discipline of study and to explore a topic of personal interest. Students are empowered to collect and analyze information with accuracy and precision in order to craft, communicate, and eventually defend their argument or their position.

Prerequisites: Successful completion of AP Seminar

Assessment: Students will be assessed on tests, quizzes, homework, projects, writing assignments, annotations, and participation.

AP Precalculus
The course content is organized into four units that comprise the core pieces of knowledge and conceptual understandings of precalculus, and the units provide a suggested scope and sequence for the course, to which this syllabus is aligned. This course provides ample opportunities for students to use calculus to solve real-world problems and for students to leverage technology in their work. This course is designed to prepare students for college-level mathematics courses including AP Calculus AB and AP Calculus BC.

Prerequisite: Department recommendation/Readiness Exam
Assessment: Student progress and achievement are based on the following: classwork, homework, notebook, quizzes, tests, quizzes, labs, projects, cooperative learning groups and classroom participation.

Art Through Literature

Course Proposal for Tahanto High School students

Course Overview

High school students taking the "Art Through Literature" course will engage with art history in the form of the novel. Each novel will look at either an artist, artistic movement, or art collection from time periods and locations throughout history and the world, in order to give students a broad range of knowledge and understanding regarding the art world and how it has shaped history and culture, and is still doing so today.

The course would be evaluated through both reading and studio art- as we read through each novel, students will both reflect on the subject of that novel through essays and socratic seminars, as well as creating an art piece in the style of the artist/era/collection we are studying. The course will culminate in a presentation of a themed art history timeline that looks at each work studied through the traditional specific critical lens of the student's choice (E.g. social class, ethnicity, gender/feminism, historical/cultural, etc.)

This course could potentially be considered as an Art elective or an English elective.

Novels may include, but are not limited to:

- *The Art Thief* by Michael Finkel: true crime novel about the life, career, and collection of modern art thief Stéphane Breitwieser, who successfully pulled off over 200 art heists in broad daylight, gaining a collection worth an estimated two billion dollars before his career in thievery came to an end.
- *Blood Water Paint* by Joy McCullough: fictionalized account of the growth and development of Italian Renaissance artist Artemisia Gentilesci, famed in art history for making a name for herself during a time when the art world was dominated by men. Written in verse.
- *All the Beauty in the World* by Patrick Bringley: autobiographical novel about a security guard at the Metropolitan Museum of Art who joins the museum staff as an escape after his brother's diagnosis with terminal cancer, and grows to see it as something that "resembles the best aspects of the larger world."
- *Get the Picture* by Bianca Bosker: written by an acclaimed journalist, *"Get the Picture"* springs from Bosker's dive into the art world and explores how art impacts our culture, economy, and, of course, emotions.
- *Chasing Vermeer* by Blue Balliett: young adult mystery novel that touches on art, math, writing, and history through the lens of a young girl.
- *The da Vinci Code* by Dan Brown: fictional crime thriller/mystery focused around the works of Leonardo da Vinci. Though the story is fictional, all descriptions of artwork, architecture, and documents in the novel are accurate.
- *The Longest Ride* by Nicholas Sparks: fictional novel about two couples. The first couple is Ira and Ruth, who grew an impressive art collection through Ruth's love of modern American art and the couple's friendships and interactions with real-life artists such as Ken Noland, Ray Johnson, Robert Rauschenberg, Elaine de Kooning, Willem de

Kooning, Susan Weil, Pat Passlof, Jackson Pollock, Jasper Johns, Andy Warhol and Pablo Picasso. Their story crosses paths with that of Luke and Sophia, the first of whom finds an aged Ira after a car crash and the latter of whom is a college student studying to become an art curator. Their story is one of love, sacrifice, and the universal power that art has to bring us together.

CS Python Fundamentals

CS Python Fundamentals is an introductory-level Python coding course for students. Students will learn problem-solving strategies, software design, and the foundations of computer science using two key tools: the Project STEM programming environment and EarSketch, a software package that turns code into music. This course is designed to prepare students for upper level computer science courses such as AP Computer Science Principles, and will also teach them how to think like a scientist and solve real-world problems, skills that are important to every 21st-century citizen. There are no prerequisites for this course, although students should have basic familiarity with how to operate a computer and use applications. It's also recommended that students have familiarity with basic algebra principles before starting this course as well as the ability to work independently.

History through Literature