



INSIGHT PA CYBER CHARTER SCHOOL

High School Course Description Guide
2023 - 2024



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Insight Pa Cyber Charter Vision

To ignite a desire for learning in every student and nurture them to understand their goals and create a clear path to achieve them. The fundamental purpose of Insight PA Cyber Charter School is to enable, inspire, and prepare students to achieve the highest levels of academic standards so they will make a powerful impact in their communities.

Introduction

The Insight PA High School Counseling Department has prepared the 2022-2023 curriculum guide to assist students and parents in creating a schedule which best fits the student's graduation plan. Please take time to review the course requirements, course progressions, and detailed course descriptions. This information is designed to help you make informed decisions for your course selections. It is important that students and parents also consider post-secondary goals when deciding on coursework for the upcoming school year. You are also encouraged to reach out to your teachers or school counselor with any course selection questions.

High School Counselors

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Insight PA Graduation Requirements Minimum Credits Required

Subject Area	Credits Required
English	4
Math	3
Science	3
Social Studies	3
Humanities/World Language	2
Health & Physical Education	1
Post-Secondary Exploration	1
Electives	5
TOTAL	22

Recommended Credits Per Grade Level

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English – 1 credit	English – 1 credit	English – 1 credit	English – 1 credit
Math – 1 credit	Math – 1 credit	Math – 1 credit	Electives – 4 credits We recommend students complete a 4 th year of Math, Social Studies and Science as elective courses to fulfill potential post- secondary goals.
Science – 1 credit	Science – 1 credit	Science – 1 credit	
Social Studies – 1 credit	Social Studies – 1 credit	Social Studies – 1 credit	
Humanities/Electives –1 credit	Humanities/Electives –1 credit	Humanities/Electives – 1 credit	
Health/PE – 1 credit	Post-Secondary Exploration		



	1 credit		
6 credits	6 credits	5 credits	5 credits

Pennsylvania Keystone Exams and ACT 158

The Every Student Succeeds Act (ESSA) was signed by President Obama on December 10, 2015. ESSA includes provisions that will help to ensure success for students and schools. More information about ESSA can be found [here](#).

In Pennsylvania, the Keystone Exams meet the federal accountability criteria of ESSA for the high school level. The Keystone Exams are end-of-course assessments designed to evaluate proficiency in academic content. Students must demonstrate proficiency on the Algebra 1, Literature, and Biology Keystone Exams to graduate. Students will be offered multiple opportunities to take the Keystones throughout their high school careers.

Effective with the graduating class of 2023, [Act 158](#) provides students the option to demonstrate postsecondary preparedness through one of four additional pathways that more fully illustrate college, career, and community readiness. However, Keystone Exams will continue as the statewide assessment Pennsylvania uses to comply with federal accountability requirements and all students are required to take them. They also remain the most efficient and direct way for students to meet the graduation requirements set forth in the federal ESSA.

To assist students in achieving one of the mandatory state graduation pathways, all students will be enrolled in a preparation course as part of their Insight PA graduation requirements. This course will run for one semester and be worth 0.5 credit. It will count towards either the electives or post-secondary credit requirements. The curriculum and lessons will provide students with the skills and knowledge necessary to develop a successful career plan, regardless of their postsecondary plans after graduation. In addition, students will explore and learn how to use various online tools and resources to help in their career planning. Topics covered will include self-assessment, researching career options, setting career goals, and completing service-learning projects. Students will work directly in the Smart Futures platform. Student enrollment in this course for the 23-24 school year will follow the schedule below:

- 11th Grade Students will be enrolled in Post-Secondary Preparation
- 12th Grade Students will be enrolled in Pathways to Graduation

High School Credits

Credits in high school document that students have met the academic requirements of a course; credits are awarded upon course completion. Most classes that are held for an entire



school year are worth 1 credit, while classes that are only held for one semester are generally worth 0.5 credits.

At Insight PA, grade level is determined by the number of credits a student has earned. Below is the credit scale used to determine grade level. It is important to recognize that at the high school level, it is credits, not grade level, that determine when a student graduates.

Credit Scale and Grade Level Determination

9 th Grade	0 - 4.99 Credits
10 th Grade	5 – 10.99 Credits
11 th Grade	11 – 15.99 Credits
12 th Grade	16 – 22 Credits

Full-Time Student Status

To be considered a full-time student at Insight PA, a student must be enrolled in a minimum of 4 credits each school year. Regardless of how many credits a student has remaining towards their graduation requirements, every student will be required to enroll in and will be scheduled for a minimum of 4 credits each school year.

Graduation Plans

All Insight PA students will have a graduation plan created for them by their high school counselor. The graduation plan is a road map that shows your path towards graduation. Your graduation plan will allow you to monitor and plan for your courses and credits to complete your graduation requirements and receive your high school diploma.

How to access your Graduation Plan

Your graduation plan can be accessed directly through the online school via the "Quick Links" in the top right corner. Keep in mind that your graduation plan will change based on adding or dropping courses or course failures. Also, if you choose to participate in one of our Career and Technical Education pathways your graduation plan will be modified to reflect this choice. Please contact your school counselor if you need assistance understanding your graduation plan or if you believe there is any incorrect/missing information.



Advanced Placement Courses

Insight PA offers advanced placement courses (AP) courses in each subject area. Taking an AP course in high school could give you an advantage in college. AP courses can possibly earn you college credit or allow you to skip college introductory level courses. AP courses also stand out to colleges during the college application process. AP courses at ISPA have specific academic requirements. For more information, please see the course descriptions.

Honors Courses

Honors courses are available in Math, Science, Social Studies, and English. These courses are very rigorous and should only be taken with careful consideration. You will have the opportunity to request an honors course on the course selection survey. Teacher approval, grades and test scores will all be considered when placing a student in honors courses.

Project-Based Learning Courses

Project-based learning courses are designed to give students the opportunity to actively learn and master course content through the completion of “real-world” projects. This model is intended to help develop the skills students will need to be effective as they pursue their post-secondary and professional goals. These courses require high student engagement and students are expected to collaborate with their classmates to complete course projects. Our teachers have been trained in PBL and are available to work with each student and their learning coach to ensure student success; however only students comfortable completing project-based work should register for these classes.

Credit Recovery

In an effort to ensure that high school students earn the necessary credits to meet graduation requirements, Insight PA offers credit recovery courses to students who have been



unsuccessful in previous academic courses. The credit recovery course program differs from other synchronous academic courses and requires students to work more independently with regularly scheduled times for teacher support, planning, and guidance. Students enrolled in credit recovery courses will work closely with their assigned teacher to assess and administer subject-area support, implement effective study skills, and adhere to a personalized course completion plan. By utilizing a mastery-based approach in the credit recovery program, students can demonstrate the requisite levels of achievement in the courses they had previously been unable to complete. Students are awarded a half credit per semester for demonstrating mastery of the required standards upon completion of the course. Credit-deficient students will be scheduled for credit recovery courses, in addition to their regular course load, by their school counselor when appropriate to help them stay on track towards graduation.

Special Education Program

Core courses for students with Individualized Education Plans (IEPs) will be selected based on grade level requirements, student specific academic needs and post-secondary goals. Students will meet and work with their school counselor(s) and transition coordinator(s) to review and select electives. Outside of core courses and electives, students will also be assigned to resource rooms, to work directly with their case manager and attend a Transition Skills class, to work towards post-secondary goals. Please contact your special education case manager if you have any questions or concerns about your course placement for next school year.

National Honor Society

Insight PA Cyber Charter High School initiated its Chapter of the National Honor Society, for students in grades 10-12 (rising 9th, 10th, and 11th graders) in March 2021. All students are required to hold a 3.3 GPA for NHS while working in grade level courses to receive an invitation to apply. Acceptance is based on a written Candidate Form consisting of questions and an essay which clearly demonstrates a strong dedication to community service, excellent leadership skills, and a solid ethical foundation for each student. Two teacher recommendations will also be required in the application process. If accepted, there will be additional requirements to maintain membership.

Membership in the NHS is one of the highest honors that can be awarded to a student. Our chapter strives to give practical meaning to the Society's ideals of scholarship, leadership, service, citizenship, and character. These five ideals will be considered as the basis for selection as well as a fundamental part of our chapter activities. No student is inducted simply because of a high academic average.

Honor Roll



The Insight PA Honor Roll serves to recognize students who have achieved outstanding grades and to acknowledge their scholastic efforts. Honor Roll is determined at the end of each semester. Students must receive grades of A's and/or B's in all of their courses to be listed on the Honor Roll.

Intervention Program

In this recommendation only program, students receive remediation in skills needed to best support growth in core classes. Throughout the course, students participate in small group or one on one support. In addition to teacher intervention, the students also will have the opportunity to work in adaptive intervention programs. Recommendation for the Intervention Program is based on assessment data and academic progress.

College Admissions Testing

College admissions testing measures educational development and gathers a student's track to succeed in college. More information on specific tests is available at the college admissions testing websites. A student or learning coach may also reach out to their assigned school counselor for more information. Please note that the student pays all test fees. Some students may be eligible for a discounted rate.

PSAT/NMSQT	
The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test	
Duration	Approximately 3 ½ hours
Taken By	Optional – Sophomores & Juniors
Website	https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10
Purpose	To measure educational development in three areas and may determine eligibility for scholarships
ACT	
The American College Testing Program	
Duration	Approximately 4 hours
Taken By	Juniors & Seniors
Website	www.act.org



Purpose	College readiness exam used by most colleges for admissions
SAT Scholastic Aptitude Test	
Duration	Approximately 4 ½ hours
Taken By	Juniors & Seniors
Website	https://collegereadiness.collegeboard.org/sat
Purpose	College readiness exam used by most colleges for admissions

Career and Technical Education Programs

Our Career and Technical Education (CTE) program provides an engaging, academically rigorous, and career-focused coursework through programs of study (POS) in a variety of content areas. This personalized education provides a roadmap for students to navigate educational options and prepare them to successfully transition into post-secondary education, careers, or both. In addition to CTE courses, students will gain real-world experience, employability skills, and have the opportunity to compete in Career and Technical Student Organizations (CTSOs) and earn free college credits in specific courses. Career pathways are designed to give students real-world experience while identifying the Classification of Instructional Programs (CIP Codes) relevant to the programs of study.

CTE Programs of Study are:

1. **Business Management**
2. **Healthcare Professions**
3. **Information Technology**

Students that participate in a pathway are indicating their interest in pursuing a career in that field in the future and are committing to take a series of pathway courses that will allow them to develop a strong knowledge base in that subject area. Please see the scope and sequence for each program on pages 11-21 for a detailed overview of the course's students may take within each pathway. Our CTE courses are available to all high school students and provide an excellent opportunity to explore various career fields and areas of study. If you are interested in participating in a CTE pathway or would like to select a CTE course as an elective, you will have the opportunity to indicate this on your course selection assignment.

Career Cluster, CIP Codes, and Pathway Course Progressions



"Life ready learning experiences."

Career Cluster	Business Management & Finance, Marketing Sales & Service	Information Technology	Health Science
Pathway	Business Management & Finance	Information Technology / Computer Science	Healthcare Professions
CIP Code(s)	CIP Codes 52.002, 52.0701, 52.1801	CIP Codes 15.1202, 11.0201, 11.0801	CIP Codes 51.0801, 51.0899
Year 1	Introduction to Business Personal Finance Microsoft Office (Word / PowerPoint) Business Ethics <i>(Any course can be taken. All semester courses)</i>	Python Computer Science 1 Website Design <i>(All year-long courses)</i>	Healthcare Pathways Medical Terminology 1 Medical Terminology 2 <i>(All semester courses)</i>
Year 2	Accounting 1 Marketing 1 Entrepreneurship 1 Stocks and Investment 1 Microsoft Excel <i>(Any year 1 course can be taken. All semester courses)</i>	Computer Science 2 Introduction to Robotics <i>(Any year 1 course can be taken. All year-long courses)</i>	Nursing Assistant 1 Nursing Assistant 2 <i>(Any year 1 course can be taken. All semester courses)</i>
Year 3	Accounting 2 Marketing 2 Entrepreneurship 2 Stocks and Investment 2 <i>(All semester courses)</i>	Robotics Pre-Apprenticeship Data Science Artificial Intelligence Web Development <i>(All courses except Web Dev are semester)</i>	Pharmacy Technician <i>(Any year 1 or 2 course can be taken. PT is a year-long course)</i>
Year 4	Work Experience <i>(semester course)</i> Diversified Occupation <i>(year-long)</i>	Work Experience <i>(semester course)</i> Diversified Occupation <i>(year-long)</i>	Work Experience <i>(semester course)</i> Diversified Occupation <i>(year-long)</i>

Business Management

Accounting & Finance Courses

Students in Accounting & Finance will learn the basic principles of the accounting cycle, which includes analyzing transactions, journalizing, preparing closing entries, generating a trial balance, and preparing financial statements. Students will also gain an understanding of stocks, bonds, and other tradable instruments, and the markets in which they are traded. Understanding keys to decision making, whether it be financial, corporate, or personal will be fundamental to the program. Participation in FBLA will further develop skills in communication.

Accounting 1 Accounting 2 (Dual Credit)	Stocks & Investment 1 Stocke & Investment 2	Personal Finance
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Business & Marketing Courses

Marketing students learn that marketing products or services is the fundamental objective of any business. Marketing is the process of planning and executing the conception, pricing, promotion, and distribution of ideas, goods and services to create exchanges that satisfy individual and organizational goals. Students learn the “process” of marketing, designed to change behaviors or influence ideas. Students will also gain an



understanding of risk and reward while exploring entrepreneurship strategies. Participation in FBLA will further develop these business skills.

Introduction to Business	Marketing 1 Marketing 2 (Dual Credit)	Entrepreneurship 1 Entrepreneurship 2	Business Ethics Career Planning
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Microsoft Office Courses

Microsoft Office courses are beneficial for students to conduct educational material and practice in school and university faster with higher quality. These courses provide industry-leading assessments of skills and knowledge through project-based testing, giving students real-world exercises to appraise their understanding of Microsoft Office and taking the industry exams. This guarantees that every certified student can prove they have the ability to command the full features and functionality of the Microsoft programs preparing them for future academic or workforce opportunities. Participation in FBLA can be an opportunity to advance these technical skills.

Microsoft Word and PowerPoint <i>Industry Certification Testing in Certiport</i>	Microsoft Excel <i>Industry Certification Testing in Certiport</i>
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Accounting and Finance Courses

BUS113 Accounting 1

Accounting 1 is a semester course recommended for all students planning to major in Business Administration in college, and any student with an interest in exploring the

business world. This course provides an opportunity for students to prepare for college accounting as well as to learn basic principles of accounting. Students apply general mathematical calculations to accounting transactions. The students are provided with experiences in planning, gathering, analyzing, and interpreting financial data.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Accounting 2

Accounting 2 is a semester, College in the High School course, taught by ISPA instructors with Robert Morris University curriculum to offer dual credit for students. It prepares students for college level coursework in accounting, a requirement for all Business majors. It will further develop the accounting cycle: recording, summarizing, interpreting financial data for corporations, which includes long-term liabilities, plant assets and inventory, cash flow, and financial statement analysis.

Course Length: One Semester

Credit: Dual Credit - 0.5 credit high school, 3 credits college

Prerequisites: Accounting 1



Required Grade Level: 11-12

Stocks and Investment 1

Stocks and Investments 1 is a semester course that provides an insight into various types of financial assets, with a focus on stocks. Students first develop a basic understanding of stocks, markets, and indexes. Focus is next on decision making and stock valuation using fundamental analysis techniques, both qualitative and quantitative methods.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Stocks and Investment 2

Stocks and Investment 2 is a semester course where students will learn advanced concepts related to fundamental and technical analysis of stocks, valuation and trading. Decision making will be emphasized using time value of money. Students taking this course will have the opportunity to earn an industry recognized certification in Concepts of Finance.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: Stocks and Investment 1

Suggested Grade Level: 10-12

BUS031 Personal Finance

Personal Finance is a semester course where students will evaluate the impact of both internal and external influences of financial decisions. These include decisions on major purchasing events occurring at different stages of life.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Business and Marketing Courses

Marketing 1

This is a Project Based Learning course (PBL) with where students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They learn about buyer behavior, marketing research principles, and the importance of pricing, promotion, and placement when introducing products in the market.

Course Length: One Semester



Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Marketing 2

This is a semester, course, College in the High School course, taught by ISPA instructors with Robert Morris University curriculum to offer dual credit for students. This course is an introductory study of the marketing discipline as applied to an ever-changing global commerce landscape. The marketing environment, both domestic and international, is examined. The primary focus is on the marketing mix, promotional mix, and the characteristics and the product-life cycle. Current issues and concepts such as international marketing, market-place diversity, added-value, customer service, and the role of total quality management are an integral part of course content and interactive learning activities. Students taking this course will have the opportunity to earn an industry recognized certification in Fundamental Marketing Concepts.

Course Length: One Semester

Credit: Dual Credit - 0.5 credit high school, 3 credits college

Prerequisites: Marketing 1

Required Grade Level: 11-12

Entrepreneurship 1

In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students

develop the core skills they need to be successful. They learn how to produce new business ideas, attract investors, market their business, and manage expenses. Students hear inspirational stories of teen entrepreneurs who have turned their ideas into reality, and then they plan and execute their own business.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Entrepreneurship 2

Students build on the business concepts they learned in Introduction to Entrepreneurship I. They learn about sales methods, financing and credit, accounting, pricing, and government regulations. They refine their technology and communication skills in speaking, writing, networking, negotiating, and listening. Students taking this course will have the opportunity to earn an industry recognized certification in Concepts of Entrepreneurship and Management.

Course Length: One Semester

Credit: 0.5 credit



Prerequisites: Entrepreneurship 1

Suggested Grade Level: 10-12

CAR017 PBL Introduction to Business

Introduction to Business is a project-based learning class where students will learn about the fundamentals of business. Students will study the concepts of marketing, financial management, human resource management, in addition to other business-related functions. Students will primarily learn through a coffee shop simulation where they are faced with real-world business scenarios such as hiring staff, purchasing equipment and supplies, handling customer complaints, and so much more! This gives students the opportunity to own and operate a business without the risk.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Business Ethics

This is a principles-based ethics course introducing students to key leadership and ethical knowledge and skills. Throughout the course, students apply ethical principles to contemporary, real-world situations that teens and young adults often encounter in school, at home, with friends, and in entry-level job positions. Topics addressed

include integrity, trust, accountability, transparency, fairness, respect, rule of law, viability, and much more.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

Microsoft Office Courses

TCH 114 PBL Microsoft Word and PowerPoint

This course is for students who wish to learn core skills in Microsoft Word 2019 and Microsoft PowerPoint 2019. At the end of the course, students will have the opportunity to take the Microsoft Office 2019 Specialist Certification exam in Microsoft Word and Microsoft PowerPoint. Certifications are a great resume builder to show potential employers your skill set and solidify that dream job.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None



Suggested Grade Level: 9-12

Microsoft Excel

This course is for students who wish to learn core skills in Microsoft Excel 2019. At the end of the course, students will have the opportunity to take the Microsoft Office 2019 Specialist Certification exam in Excel. Certifications are a great resume builder to show potential employers your skill set and solidify that dream job.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: Microsoft Word and PowerPoint

Suggested Grade Level: 10-12

Healthcare Professions

Students that are interested in the Healthcare courses will be prepared for a career in the health field requiring postsecondary education. With further education and experience, students can find opportunities in occupations such as certified nursing, registered nursing, pharmacy technician. In addition, courses in this pathway culminate students by providing opportunity to earn industry certifications in CPR, Pharmacy Technician, and can offer Certified Nursing Assistant training. Participation in HOSA will further allow students to learn about healthcare.

Medical Terminology 1	Nursing Assistant 1	Healthcare Pathway
Medical Terminology 2	Nursing Assistant 2	Pharmacy Technician

Healthcare Courses

HLT Healthcare Pathways

Do you know you want to do something in the medical field, but not sure what that is? In this course we will learn about and have access to 75 different healthcare careers. For each career, we will learn about the education requirements, what the job entails, the demand in the workforce, as well as how much you could make within that career.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

HLT213 Medical Terminology 1

This course is a semester course, offered in the fall semester, that simplifies the process of memorizing complex medical terminology by focusing on the important word parts—common prefixes, suffixes, and root words—that provide a foundation for learning hundreds of medical terms. Organized by body systems, the course follows a logical flow of information: an overview of the body system's structures and functions, common diseases and disorders, diagnostic tests, and treatment procedures. Body systems include muscular, skeletal, integumentary, cardiovascular, pulmonary, and gastrointestinal systems.

Course Length: One Semester



Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 9-12

HLT214 Medical Terminology 2

This is a spring semester course that follows Medical Terminology 2 that simplifies the process of memorizing complex medical terminology by focusing on the important word parts—common prefixes, suffixes, and root words—that provide a foundation for learning hundreds of medical terms. Organized by body systems, the course follows a logical flow of information: an overview of the body system's structures and functions, common diseases and disorders, diagnostic tests, and treatment procedures. Body systems include endocrine, urinary, male and female reproductive systems, special senses, as well as discuss mental health and dental specialties. Students in this course will have the opportunity to become certified in CPR and volunteer experience at participating hospital settings. Teacher and counselor approval is required prior to being placed in a workplace setting for volunteers.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: Medical Terminology 1

Suggested Grade Level: 9-12

HLT410 PBL Nursing Assistant 1

If you ever wanted a career that is centered around the care of others and that directly impacts the most vulnerable populations, then it's time to explore what it means to be a Nursing Assistant. This role can be the first step on your nursing career ladder or into other healthcare positions. Learn career options, ethical and legal responsibilities,

anatomy and physiology, patient care, and safety. Discover what it takes to start your journey into this highly needed field. This course is a Project Based Learning Course (PBL).

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: Medical Terminology 1 and 2

Suggested Grade Level: 10-12

HLT411 PBL Nursing Assistant 2

This course is a Project Based Learning course (PBL). As a Nursing Assistant, you are heavily involved in the care of your patients. But what does a typical day look like? How do you care for your patients during your shift? From hospital settings to home health care, from pre- and postoperative to rehabilitation. Discover how best to communicate and work with your team to ensure a safe environment, prevent and control infectious diseases, advocate for your patient's rights, and provide appropriate care – even for the most complex patient needs. Students who have good attendance and achieve an acceptable grade will qualify for ISPA to pay for the hands on portion of the certification requirement to become a CNA at a local center. ISPA will also pay for the certification exam with successful completion of the courses. ISPA does not provide transportation.

Course Length: One Semester



Credit: 0.5 credit

Prerequisites: Medical Terminology 1 and 2, Nursing Assistant 1

Suggested Grade Level: 10-12

D-HLT-431 Pharmacy Technician Exam Prep – 1 credit

This is a full year course with an A and B side to the exam preparation that gives students the knowledge and skills needed to work with a licensed pharmacist in a variety of clinical and retail settings. Students explore medical and pharmaceutical terminology, pharmaceutical calculations, pharmaceutical techniques, sterile compounding, pharmacy record keeping, and pharmacy law and ethics. Students also examine all of the essential medical topics such as body systems, common diseases and conditions, microbiology, and medication errors. This course prepares students for the National Health career Association’s Ex CPT exam (Certification of Pharmacy Technicians). ISPA will pay for the certification exam if students have good attendance and an acceptable grade.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: Medical Terminology 1 and 2, Algebra 1

Suggested Grade Level: 11-12

Information Technology

Students taking courses in information technology will have the opportunity to explore clusters in this sector. Computers are everywhere in our daily lives—and studying information technology (IT) has never been more rewarding as an industry that can be applied to others. In addition to the course offerings, students can have the opportunity to earn industry certifications and participate in ESports to further their gaming knowledge.

Computer Science 1 Computer Science 2	Python 1 Python 2	Intro to Robotics Robotics Pre-Apprenticeship	Web Design Web Development Data Science Artificial Intelligence
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Industry Certifications	Certiport IT Specialist: HTML5 App Dev Certiport IT Specialist: HTML & CSS Certiport IT Specialist: Java Certiport IT Specialist: Javascript Certiport IT Specialist: Python	CodeHS AP Java
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Computer Science 1

Computer Science 1 is an introductory course that will largely focus on learning JavaScript programming language. This course will also give students a basic understanding of the innerworkings of a computer system and a comprehensive guide to digital citizenship theory and best practices. Students will build their knowledge of JavaScript starting with basic programming concepts and work their way to a larger scope that will include creating graphics, animation, and data analysis. This is a year-long course with lessons from CodeHS.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: None

Suggested Grade Level: 9-12

Computer Science 2

Computer Science 2 introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. This is a year-long course with lessons from CodeHS.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: Computer Science 1

Suggested Grade Level: 10-12

Python

This course teaches the fundamentals of computer programming as well as some advanced features of the Python 3 language. This course will provide the student who takes it with the skills to code in python while learning about the data structures that carry over into other languages. This course is designed for complete beginners who want to start their coding journey with python. This is a year-long course with lessons from CodeHS.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: None

Suggested Grade Level: 9-12

Web Design

Web Design is meant to give students an introduction to creating basic websites. Students will learn the fundamentals of HTML and CSS coding. Throughout the course, they will build several sites that progress in complexity. Web Design is a beginner-friendly course for students with little coding experience. This is a year-long course with lessons from CodeHS.

Course Length: Two Semesters

Credit: 1 credit



Prerequisites: None

Suggested Grade Level: 9-12

Data Science

This course equips students with the essential skills of a data scientist which include data collection, cleanup, transformation, analysis, and visualization. Students will write algorithms, tell data stories, and build statistical models using Python libraries. This course begins the student's journey down the path of data analysis and machine learning. It is expected that the student has python programming knowledge before taking this course. This is a semester course with lessons from CodeHS.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: Python

Suggested Grade Level: 11-12

Artificial Intelligence

The Introduction to Artificial Intelligence (AI) course teaches students important programming concepts that enable the use of AI in computer science and society at large. Students learn the implications of AI on society and develop a series of projects that illustrate the variety of ways AI can be used to optimize and predict information. This course is a true introduction to machine learning and the concepts behind artificial intelligence in business. This is a semester course with lessons from CodeHS.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: Python

Suggested Grade Level: 11-12

Web Development

This course is an advanced software development course that will focus on designing dynamic websites using JavaScript. Students will learn the latest trends in Front-end and Back-end development to elevate and develop fully functional websites. This course will offer the students an opportunity to take an industry certification upon completion. This is a year-long course with lessons from CodeHS.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: Web Design, Computer Science 1

Suggested Grade Level: 11-12

Introduction to Robotics

The Introduction to Robotics course explores the world of robots in a virtual environment. Students will learn how to write code to control individual robotic components. They will be introduced to the Sense-Perceive-Plan-Act cycle to learn how robots sense and respond to their environment. They will also explore real-world robotics applications. This is a semester course with lessons from CodeHS.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

Suggested Grade Level: 10-12



Robotics Pre-Apprenticeship

The Carnegie Mellon Robotics Pre-apprenticeship was developed by CMU to help students in “understanding systems, and subsystems and how the different components communicate with each other.” Students in the course will receive a robotics kit so they may also be exposed to robot fabrication and electrical systems. This is a semester course.

Course Length: One Semester

Credit: 1 credit

Prerequisites: Introduction to Robotics

Suggested Grade Level: 11-12

Work-Based Learning Courses

Students that are interested in earning high school credit AND a paycheck at the same time should explore these courses. Work experience can be taken asynchronously while working at nearly any after school job location while Diversified Occupation is more rigorous in exploring student’s career objectives and skills. Both have pre-requisite requirements prior to enrolling so be sure to talk with your counselor.

Work Experience	Diversified Occupation
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Work Experience

This is a semester, asynchronous course designed for students that are currently employed and would like to earn credit for learning activities related to their employment. Students will complete weekly journal entries relating to various employment topics such as workplace safety, dress for success, time theft, promotion opportunities, and more. Students must be currently employed by an entity other than family-owned business to enroll in this course.

Course Length: One Semester

Credit: 0.5 credit



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Prerequisites: None

Suggested Grade Level: 10-12

Diversified Occupation

Diversified Occupations is a full year, one-credit course designed to be completed along with aligned working experience. The course prepares students for entry into the workforce at all levels and is designed for all students, regardless of post-secondary plans. Instruction is provided in such skills as employer-employee relations, applications and resumes, interview techniques, banking/credit information, and life skills. The course is designed to increase skills through individual and class study and on-the-job training opportunities, encouraging attitudes and habits to meet employment standards. Students who are interested in earning the two additional credits for working must meet the on-the-job training requirements of 15 hours per week (Monday-Friday) and have all required paperwork (application, training agreement, training plan) completed and signed. This course is capped at 30 students with no new enrollment after October 1st of the school year.

Course Length: Varied

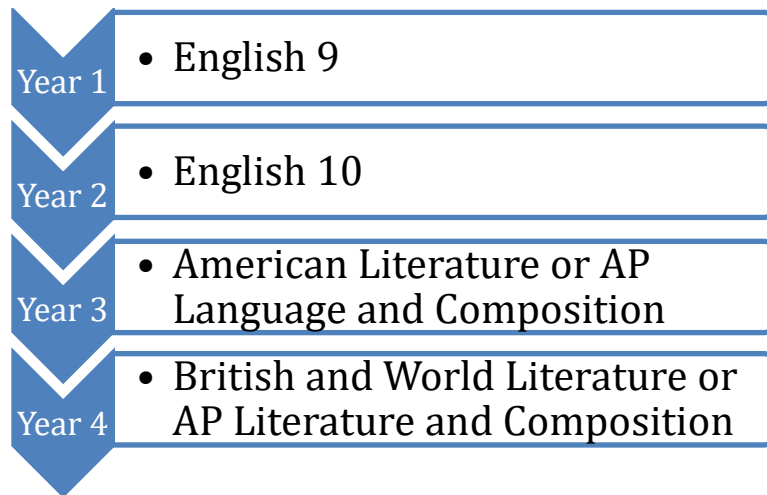
Credit: 1 - 3 credits possible

Prerequisites: If under the age of 18, a valid Pennsylvania work permit and must have reliable transportation (ISPA does not provide transportation.) Must be in good academic standing and attendance to be accepted into the course

Suggested Grade Level: 11-12

ENGLISH DEPARTMENT

All students will take an English course each year of high school. Please see below for our typical English course sequence. Honors courses are also available for our more advanced students. AP courses are also available to Seniors who meet the prerequisites and are approved for those courses.



English Course Descriptions

ENG011: ENGLISH FOUNDATIONS II

Students build and reinforce foundational reading, writing, and basic academic skills needed for success in high school. Struggling readers develop mastery in reading comprehension, vocabulary building, study skills, and media literacy. Students build confidence in writing fundamentals by focusing on composition in a variety of formats, grammar, style, and media literacy.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: Teacher or School Counselor Recommendation

ENG108: SUMMIT ENGLISH 9

K12's English 9 Summit course includes engaging and interactive instruction about reading, writing, speaking, and listening, and language with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informative, and argument

writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: None

ENG109: SUMMIT ENGLISH 9 HONORS



K12's English 9 Honors Summit course includes engaging and interactive instruction about reading, writing, speaking, and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers. This course includes all the topics in ENG108 as well as several extension activities. Each semester also includes an independent honors project.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A in previous English course and teacher approval

ENG208: SUMMIT ENGLISH 10

K12's English 10 Summit course includes engaging and interactive instruction about reading, writing, speaking, and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: Summit English 9 (or equivalent)

ENG209: SUMMIT ENGLISH 10 HONORS

K12's English 10 Honors Summit course includes engaging and interactive instruction about reading, writing, speaking, and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers. This course includes all the topics in ENG208 as well as several extension activities. Each semester also includes an independent honors project.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A average in English 9 or B average or higher English 9 Honors (or equivalent)

ENG303: SUMMIT AMERICAN LITERATURE

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online



discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: English 10 (or equivalent)

ENG304: HONORS SUMMIT AMERICAN LITERATURE

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics. Students enrolled in this challenging course will also complete independent projects that deepen their understanding of the themes and ideas presented in the curriculum.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A average in English 10 or B average or higher English 10 Honors (or equivalent)

ENG403: SUMMIT BRITISH AND WORLD LITERATURE

Students read selections from British and world literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. They have opportunities for creative expression in projects of their choice.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: American Literature (or equivalent)

ENG404: SUMMIT BRITISH AND WORLD LITERATURE HONORS

Students read selections from British and world literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students work independently on many of their analyses and engage in creative collaboration with their peers. Students also practice test-taking skills for standardized assessments in

critical reading and writing. Students enrolled in this challenging course will also complete independent projects that deepen their understanding of the themes and ideas presented in the curriculum.

Course Length: Two Semesters

Credit: 1 credit



Prerequisites: A average in American Literature or B average or higher American Literature Honors (or equivalent)

ENG500: ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

The course is structured into units, based on the College Board guide. Students will closely examine big ideas such as: rhetorical situation, claims and evidence, reasoning, organization, and style. They will read a variety of non-fiction writings, including scientific, sociological, philosophical, and narrative texts. The students will read, annotate, and write synthesis essays (using several primary sources), as well as argument and rhetorical analysis essays. Students will work through the writing process using peer review and teacher feedback to complete several drafts of their work.

***11th or 12th grade level course**

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: A average in English 10 or B average or higher English 10 Honors (or equivalent) and teacher approval

ENG510: ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

***11th or 12th grade level course**

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: A average in English 10 or 11 or B average or higher English 10 or 11 Honors (or equivalent) and teacher approval

LITERATURE KEYSTONE REMEDIATION

As a requirement for graduation from high school, students in Pennsylvania are required to demonstrate proficiency on the Literature Keystone Exam. This Keystone Remediation course will be offered to students who did not successfully complete the Keystone Literature exam. This course allows students to practice and review necessary skills to prepare for the exam. Within the course, the content is offered adaptively, based on individual assessment outcomes.

Course Length: One Semester

Credit: 0.5 credit

Prerequisite: Completion of English 10 (or equivalent)

ENG010: JOURNALISM

Students are introduced to the historical importance of journalism in America and its subsequent evolution over time. They study the basic principles of print, broadcast, and online journalism as they examine the role of news media in our society. They learn investigative skills, responsible reporting, and journalistic presentation techniques as they



read, respond to, write and produce their own news and feature articles. Students conduct interviews, research, write, and design their pieces of news media in multiple formats.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

ENG020: PUBLIC SPEAKING

Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare and present their own speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

Course Length: One Semester

Credit: 0.5 credit

Prerequisites: None

ENG030: CREATIVE WRITING

In this course, students explore a range of creative writing genres, including fiction, poetry, creative nonfiction, drama, and multimedia writing. They study examples of classic and contemporary selections, apply what they learn to their own writing, and develop proficiency in the writing process. They learn to evaluate the writings of others and apply evaluation criteria to their own work. They practice the complete writing process, including generative writing, drafting, and revision. By the end of the course, students will have created a well-developed portfolio of finished written works.

Course Length: Two Semesters

Credit: 1 credit

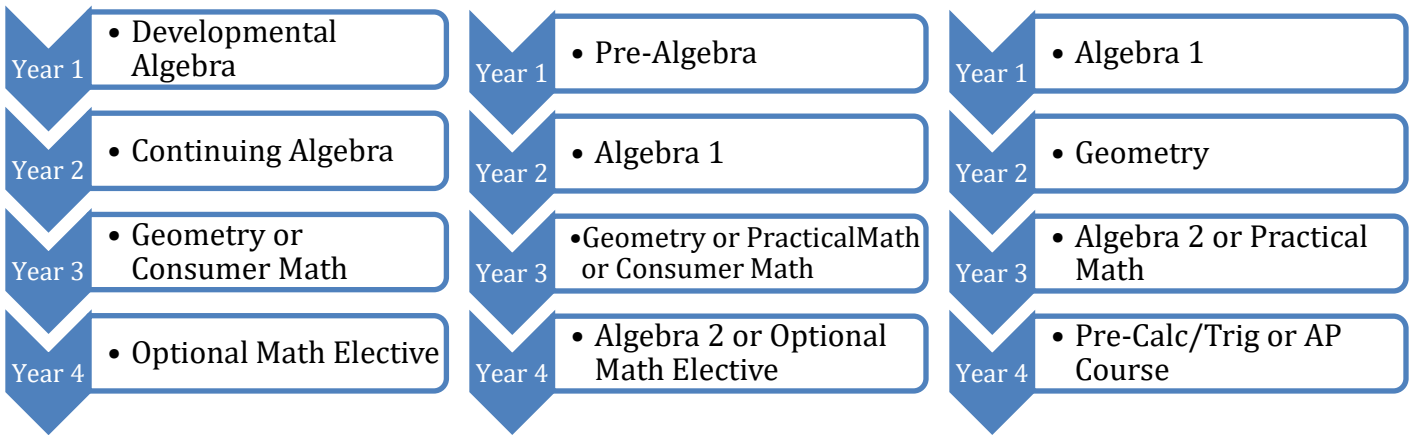
Prerequisites: None

Mathematics Department

Our typical course progressions for math are listed below. Though some of our 9th grade students will take Algebra 1, we recognize that many students



are not ready for this rigorous course at the start of high school. ISPA offers an alternative path for those students that will benefit from a multi-year Algebra progression to master these concepts. Honors math classes are available as well for our more advanced students. Math placement decisions will be made based on teacher recommendations, grades, and testing data. Please note that ISPA requires 3 credits of math, and it is optional to take a math class in 12th grade. We strongly encourage students applying to college or those considering careers that require a strong math background to take math in 12th grade.



Math Course Descriptions

MTH011: MATH FOUNDATIONS II

Students build and reinforce foundational math skills typically found in sixth through eighth grade, achieving the computational skills and conceptual understanding needed to undertake high school math courses with confidence. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. This course is appropriate for use as remediation at the high school level or as a bridge to high school.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: Teacher or School Counselor recommendation

MTH113E2: PRE-ALGEBRA

In this course, students take a broader look at computational and problem-solving skills while learning the language of algebra. Students extend their understanding of ratio to develop an understanding of proportional relationships and linear functions. Students

extend their understanding of numbers and properties of operations to include rational numbers, irrational numbers as well as properties of exponents. Signed rational numbers are contextualized and students use rational numbers in constructing expressions and solving equations. Students derive formulas and solve multistep linear



equations including distribution. Students practice manipulating formulas to solve equations dealing with the pythagorean Theorem as well as the volume of three-dimensional objects including pyramids, cones and spheres.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: Teacher or School Counselor Recommendation, B or higher in previous mathematics course, C in previous math course requires teacher approval

MTH107: SUMMIT DEVELOPMENTAL ALGEBRA

This is the first course in a two-year algebra sequence that concludes with Continuing Algebra. In this course, students begin to explore the tools and principles of algebra. Students learn to identify the structure and properties of the real number system; complete operations with integers and other rational numbers; graph linear equations; solve linear equations and inequalities in one variable; and solve systems of linear equations. Sophisticated virtual manipulatives and online graphing tools help students visualize algebraic relationships. Developmental Algebra covers fewer topics than a one-year algebra course, providing students with more time to learn and practice key concepts and skills. After completing developmental Algebra, students will be prepared to take Continuing Algebra.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: None

MTH207: SUMMIT CONTINUING ALGEBRA

This is the second course in a two-year algebra sequence. In this course, students build on what they learned in Developmental Algebra to complete their knowledge of all topics associated with a deep understanding of Algebra I. They learn about relations and functions, radicals and radical expressions, polynomials, and their graphs, factoring expressions and using factoring to solve equations, solving quadratics, rational expressions, and logic and reasoning.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: Developmental Algebra (or equivalent)

MTH128: ALGEBRA 1

ISPA's Algebra 1 course is intended to formalize and extend the mathematics that students learned in the middle grades. Prior to this course, students will have mastered foundational skills such as computation of integers and solving multistep equations. Understanding of these topics

is necessary to deepen their understanding of linear and exponential relationships. Students will apply linear models to data that exhibit a linear trend as well as analyzing, solving, and using quadratic functions.

Course Length: Two semesters



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Credit: 1 credit

Prerequisite: C or higher in Pre-Algebra or B or higher in 8th grade mathematics

MTH129: ALGEBRA 1 HONORS

ISPA's Algebra 1 Honors course is intended to formalize and extend the mathematics that students learned in the middle grades. Prior to this course, students will have mastered foundational skills such as computation of integers and solving multistep equations. Understanding of these topics are necessary to deepen their understanding of linear and exponential relationships. Students will apply linear models to data that exhibit a linear trend as well as analyzing, solving, and using quadratic functions. This course will cover all the topics of MTH 128 and will also dive deeper into linear and exponential relationships.

Course Length: Two semesters.

Credit: 1 credit

Prerequisite: B or higher in previous mathematics course and teacher approval

MTH208: SUMMIT GEOMETRY

K12's Geometry Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, analysis of three-dimensional objects, and geometric modeling.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: Continuing Algebra or Algebra 1 (or equivalent)

MTH204: SUMMIT HONORS GEOMETRY

Students work with advanced geometric concepts in various contexts. They build in-depth ideas of inductive and deductive reasoning, logic, concepts, and techniques of Euclidean plane and solid geometry. They also develop a sophisticated understanding of mathematical structure, method, and applications of Euclidean plane and solid geometry. Students use visualizations, spatial reasoning, and geometric modeling to solve problems. Topics of study include points, lines, and angles; triangles; right triangles; quadrilaterals and other polygons; circles; coordinate geometry; three-

dimensional solids; geometric constructions; symmetry; the use of transformations; and non-Euclidean geometries. Students work on additional challenging assignments, assessments, and research projects.

Course Length: Two semesters



Credit: 1 credit

Prerequisite: A in Algebra 1 or B or higher in Algebra 1 Honors (or equivalent) and teacher approval

MTH308: SUMMIT ALGEBRA 2

In K12's Algebra 2 Summit course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: Algebra 1 and Geometry (or equivalents)

MTH309: SUMMIT ALGEBRA 2 HONORS

In K12's Algebra 2 Honors Summit course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques. This course includes all the topics in MTH308 as well as several extension activities.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A in Algebra 1 or B or higher in Algebra 1 Honors (or equivalent) and teacher approval

MTH307: SUMMIT PRACTICAL MATH

In this course, students use math to solve real-world problems—and real-world problems to solidify their understanding of key mathematical topics. The course is a combination of topics from Algebra 2, Geometry, Trigonometry, and Probability and Statistics. Data analysis, math modeling, and personal finance are key themes in this course. Specific topics of study include statistics, probability, graphs of statistical data, regression, finance, and budgeting. In addition, students learn how to use several mathematical models involving algebra and geometry to solve problems. Proficiency is

measured through frequent online and offline assessments as well as class participation. Units focused on projects also allow students to apply and extend their math skills in real-world cases.

Course Length: Two Semesters



Credit: 1 credit

Prerequisite: Algebra 1 (or equivalent)

MTH322: SUMMIT CONSUMER MATH

In Summit Consumer Math, students study and review arithmetic skills they can apply in their personal lives and in their future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, reading and interpreting tables and graphs, and interpreting basic statistical data. In the second semester, students learn about spending, transportation considerations, personal finances, checking and savings accounts, loans and buying on credit, and budgeting. Narrated slideshows help illustrate some of the more difficult content.

Course Length: Two Semesters

Credit: 1 credit

Prerequisite: Continuing Algebra or Algebra 1 (or equivalent)

MTH403: PRE-CALCULUS/TRIGONOMETRY

Pre-calculus weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, radical, polynomial, and rational functions; systems of equations; and conic sections in the first semester. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including laws of cosine and sine; exponential functions, logarithmic functions. Cross-curricular connections are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics.

Course Length: Two Semesters

Credit: 1 credit

Prerequisite: Geometry and Algebra II (or equivalents)

MTH510: ADVANCED PLACEMENT STATISTICS

AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of

an introductory college-level course, AP Statistics prepares students for the AP exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.

***11th or 12th Grade Course**



Course Length: Two Semesters

Credit: 1 credit

Prerequisite: Algebra 2 and teacher approval

MTH500: ADVANCED PLACEMENT CALCULUS AB

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

***11th or 12th Grade Course**

Course Length: Two Semesters

Credit: 1 credit

Prerequisite: Pre-Calculus and teacher approval. Summer review work required.

ALGEBRA KEYSTONE REMEDIATION

As a requirement for graduation from high school, students in Pennsylvania are required to demonstrate proficiency on the Algebra 1 Keystone Exam. This Keystone Remediation course will be offered to students who did not successfully complete the Keystone Algebra exam. This course allows students to practice and review necessary skills to prepare for the exam. Within the course, the content is offered adaptively, based on individual assessment outcomes. The grading for this course is pass/fail.

Course Length: One Semester

Credit: 0.5 credit

Prerequisite: Completion of Continuing Algebra and/or Algebra

MTH413: SUMMIT PROBABILITY AND STATISTICS

Students learn about counting methods, probability, descriptive statistics, graphs of data, the normal curve, sampling and bias. If time permits, students may learn about comparing variables and regressions.

Course Length: One Semester

Credit: 0.5 credit

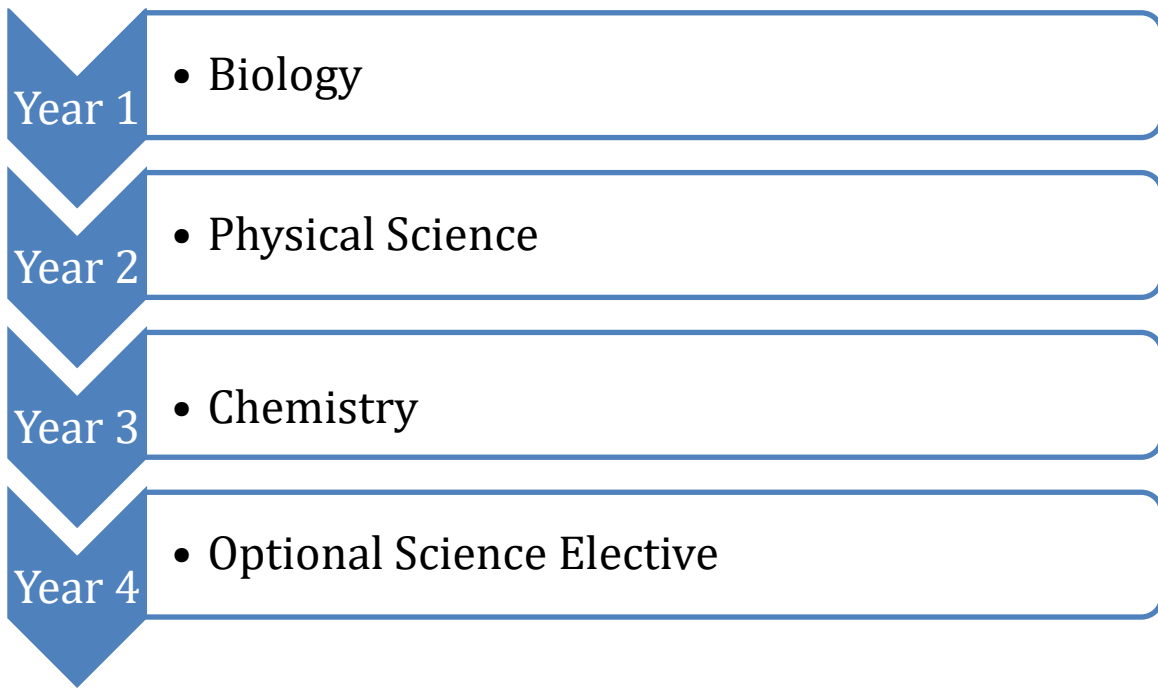
Prerequisite: Algebra II (or equivalent)

SCIENCE DEPARTMENT

Below is the standard science course progression at Insight PA. A student's post-secondary plans may require them to enroll in a different sequence of



science courses. Students that transferred to us from another high school may take these courses in a different order. Honors and Advanced Placement courses are available for advanced science students. Insight PA requires 3 credits of science. A 4th credit of science is optional. We strongly encourage students applying to college, or those considering careers that require a strong science background, to take additional science courses.



Science Department Course Descriptions

SCI102: SUMMIT PHYSICAL SCIENCE

Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skills in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning, with both hands-on laboratory investigations and virtual laboratory experiences.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: None

SCI203: SUMMIT BIOLOGY



In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of in-depth online lessons, including extensive animations, an associated reference book, collaborative explorations, and laboratory experiments students can conduct at home.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: None

SCI204: SUMMIT HONORS BIOLOGY

This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of advanced online lessons, including extensive animations, an associated reference book, collaborative explorations, and laboratory experiments students can conduct at home. Honors activities include debates, research papers, and extended laboratories.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A in previous general science course or B or higher in previous Honors science course and teacher approval

SCI303: SUMMIT CHEMISTRY

This comprehensive course gives students a solid basis to move on to future studies. The course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction, virtual laboratories, and related assessments, used with a problem-solving book.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: Biology or Honors Biology (or equivalent)

SCI304: SUMMIT HONORS CHEMISTRY

This advanced course gives students a solid basis to move on to more advanced courses. The challenging course surveys all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry, enhanced with challenging model problems and assessments. Students complete community-based written research projects, treat aspects of chemistry that require individual research and reporting and participate in online threaded discussions.

Course Length: Two semesters



Credit: 1 credit

Prerequisites: A in Biology or B or higher in Honors Biology (or equivalent) and Teacher Approval

SCI113: SUMMIT EARTH SCIENCE

This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of in-depth online lessons, an associated reference book, collaborative activities, and laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: None

SCI114: SUMMIT EARTH SCIENCE HONORS

This challenging course provides students with an honors-level earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of online lessons, an associated reference book, collaborative activities, and laboratories students can conduct at home. The course prepares students for advanced studies in geology, meteorology, oceanography, and astronomy courses, and gives them more sophisticated experience in implementing scientific methods. Additional honors assignments include debates, research papers, and extended collaborative laboratories.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: A in previous science course or B or higher in previous Honors science course and teacher approval

SCI330: ANATOMY & PHYSIOLOGY

The course provides a thorough introduction to the basics required for the study of the human body and how it functions. This course walks students step by step from a general introduction to life functions, the terminology, and phonetic pronunciations used to describe body parts and their locations, to an overall

review of human development and body processes. In addition, diseases and disorders are integrated throughout the course, to link physiology with anatomy.

Course Length: Two Semesters



Credit: 1 credit

Prerequisites: None

SCI403: SUMMIT PHYSICS

This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. The program consists of online instruction, laboratories, and related assessments, plus an associated problem-solving book.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: Algebra II and Precalculus/Trigonometry (or equivalents)

SCI500: ADVANCED PLACEMENT BIOLOGY

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

***11th or 12th Grade Course**

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: A in Biology and Chemistry or B or higher in Honors Biology and Honors Chemistry (or equivalents) and teacher approval

SCI530: ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies,



environmental science, chemistry, and geography. The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science.

***11th or 12th Grade Course**

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: A in previous general science course or B or higher in previous Honors science course and teacher approval

BIOLOGY KEYSTONE REMEDIATION

As a requirement for graduation from high school, students in Pennsylvania are required to demonstrate proficiency on the Biology Keystone Exam. This Keystone Remediation course will be offered to students who did not successfully complete the Keystone Biology exam. This course allows students to practice and review necessary skills to prepare for the exam. Within the course, the content is offered adaptively, based on individual assessment outcomes. The grading for this course is pass/fail.

Course Length: One Semester

Credit: 0.5 credit

Prerequisite: Completion of Biology or Honors Biology

SCI010: SUMMIT ENVIRONMENTAL SCIENCE

This course surveys key topic areas, including the application of the scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students explore actual case studies and conduct five hands-on, unit-long research activities, learning that political and private decisions about the environment and the use of resources require accurate application of scientific processes, including proper data collection and responsible conclusions.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None

SCI020: ASTRONOMY

Follow your enthusiasm for space by introducing yourself to the study of astronomy. This course will include topics such as astronomy's history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the



universe. Further knowledge is gained through the study of galaxies, stars, and the origin of the universe.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None

SCI030: FORENSIC SCIENCE

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, laboratories, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

Course Length: One semester

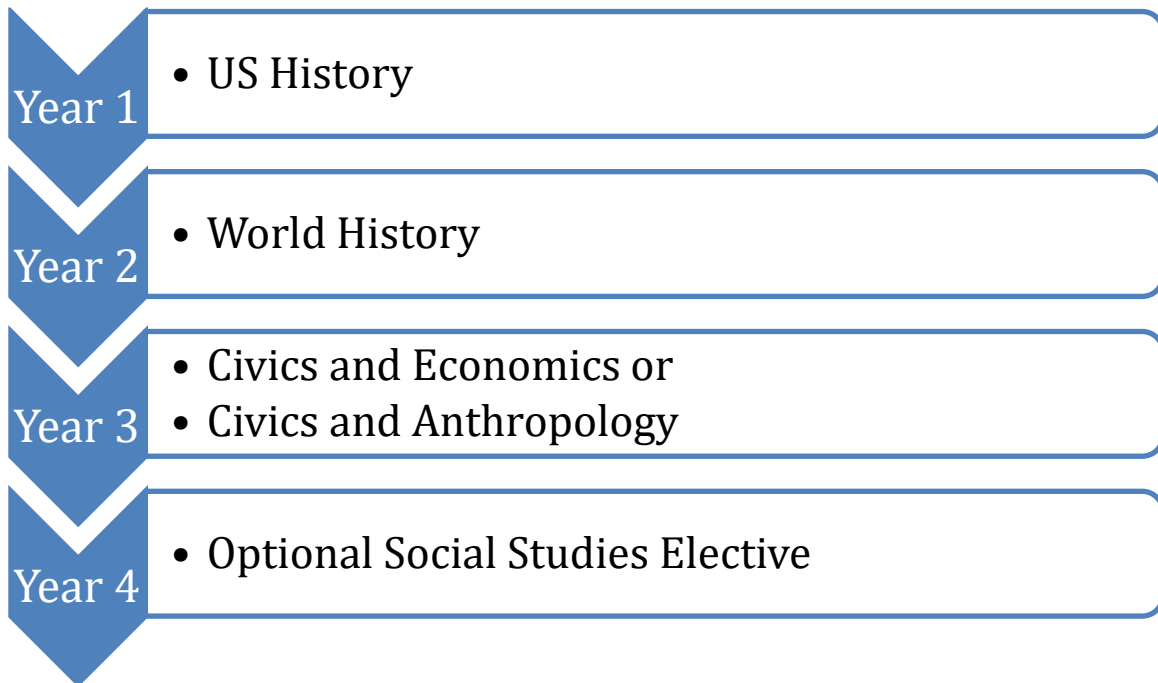
Credit: 0.5 credit

Prerequisites: None



SOCIAL STUDIES DEPARTMENT

Below is the standard course progression for social studies at Insight PA. The order in which these courses are taken may vary for transfer students. Honors and AP courses are also available for our more advanced students. Please note that ISPA requires 3 credits of social studies, and it is optional to take a SS class in 12th grade. We strongly encourage students applying to college or those considering careers that require a strong social studies background to take math in 12th grade.



Social Studies Course Descriptions

HST103: SUMMIT WORLD HISTORY

In this comprehensive survey of world history from prehistoric to modern times, students focus in-depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement *World History: Our Human Story*, a textbook written and published by K12. Students are challenged to consider topics in-depth as they analyze primary sources and maps, create timelines, and complete other projects—



practicing historical thinking and writing skills as they explore the broad themes and big ideas of human history.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: None

HST104: SUMMIT HONORS WORLD HISTORY

In this challenging survey of world history from prehistoric to modern times, students focus in-depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement World History: Our Human Story, a textbook written and published by K¹². Students are challenged to consider topics in depth as they analyze primary sources and maps, create timelines, and complete other projects—practicing advanced historical thinking and writing skills as they explore the broad themes and big ideas of human history. Students complete an independent honors project each semester.

Course Length: Two Semesters

Credit: 1 credit

Prerequisites: Teacher or School Counselor Recommendation

HST303: SUMMIT U.S. HISTORY

This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's The American Odyssey: A History of the United States. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: None

HST304: SUMMIT HONORS U.S. HISTORY

This course is a challenging full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's The American Odyssey: A History of the United States. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice advanced skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research. Students complete independent projects each semester.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A in previous general education social studies course or B or higher in previous Honors social studies course and teacher approval



HST403: SUMMIT U.S. GOVERNMENT AND POLITICS

This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court, and discuss their own views on current political issues.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None

HST413: SUMMIT U.S. AND GLOBAL ECONOMICS

In this course on economic principles, students explore the choices they face as consumers, producers, and taxpayers. Topics of study include microeconomic principles (supply and demand); macroeconomic principles (inflation, GDP, unemployment, debt); economic systems (command, market, mixed); fiscal policy; monetary policy; the evolution of money; the role of banks and international monetary organizations; and market failures (externalities, public goods, inequality). Students will analyze these economics topics through historical and current events, graphs, maps, articles, and videos.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None

HST203: SUMMIT MODERN WORLD STUDIES

In this comprehensive course, students follow the history of the world from approximately 1870 to the present. They begin with a study of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students examine both the staggering problems and astounding accomplishments of the 20th century, with a focus on political and social history. Students also explore topics in physical and human geography and investigate issues of concern in the contemporary world. Online lessons help students organize study, explore topics, review in preparation for assessments, and practice sophisticated skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: World History (or equivalent); US History

HST204: SUMMIT HONORS MODERN WORLD STUDIES

In this advanced course, students investigate the history of the world from approximately 1870 to the present. They begin with an analysis of events leading



up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students undertake an in-depth examination of both the staggering problems and astounding accomplishments of the twentieth century, with a focus on political and social history. Students also explore advanced topics in physical and human geography and investigate issues of concern in the contemporary world. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting research. Students complete independent projects each semester.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A in World History or B or higher in Honors World History (or equivalents) and teacher approval; A in US History or B or higher in Honors US History (or equivalent)

HST040: CIVICS

Civics is the study of citizenship and government. This one-semester course provides students with a basic understanding of civic life, politics, and government, and a short history of the government's foundation and development in this country. Students learn how power and responsibility are shared and limited by government, the impact American politics has on world affairs, the place of law in the American constitutional system, and which rights the American government guarantees its citizens. Students also examine how the world is organized politically and how civic participation in the American political system compares to that in other societies around the world today.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None

HST010: ANTHROPOLOGY

Anthropologists research the characteristics and origins of the cultural, social, and physical development of humans, and consider why some cultures change and others come to an end. In this course, students are introduced to the five main branches of anthropology: physical, cultural, linguistic, social, and archeological. Through instruction and their own investigation and analysis, students will explore the origins of man, study cultures from across the United States and around the world, discuss language and how it both unites and separates us, and dig into three archaeological finds that tie in all the branches of Anthropology. These along with a host of other fascinating and informative topics will engage and enrich the students' understanding of who we are, where we've come from, and where we are heading. The content in this course meets or exceeds the standards of the National Council for the Social Studies (NCSS).

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None



HST222: SUMMIT CONTEMPORARY WORLD ISSUES

In this course, students will compare the geography, governments, economies, and cultures of the world. Emphasis will be placed on learning about the history, politics, economics, and culture of the United States and then comparing these with those of the international community. Students will use what they know and learn about the United States and the world to analyze current events and contemporary issues. Activities include the analysis of graphs, data, maps, images, and videos.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: US History and World History

HST213: GEOGRAPHY

This course examines a broad range of geographical perspectives covering all the major regions of the world. Students examine the similarities and differences among the regions as they explore each region's location, physical characteristics, climate, and significant geographical features. They look at each region from cultural, economic, and political perspectives and closely examine the human impact on each region. Students learn and apply critical thinking skills as they study issues from multiple perspectives.

Course Length: Two semesters

Credit: 1 credit

Prerequisites: World History and US History (or equivalents)

HST500: ADVANCED PLACEMENT U.S. HISTORY

Students explore and analyze the economic, political, and social transformation of the United States since the time of the first European encounters. Students are asked to master not only the wide array of factual information necessary to do well on the AP Exam, but also to practice skills of critical analysis of historical information and documents. Students read primary and secondary source materials and analyze problems presented by historians to gain insight into challenges of interpretation and the ways in which historical events have shaped American society and culture. The content aligns to the sequence of topics recommended by the College Board and to widely used textbooks. The course prepares students for the AP Exam.

***11th or 12th Grade Course**

Course Length: Two semesters

Credit: 1.0 credit

Prerequisites: A in U.S. History or B or higher in Honors US History (or equivalents) and teacher approval

HST560: ADVANCED PLACEMENT WORLD HISTORY

Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural



developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

***11th or 12th Grade Course**

Course Length: Two semesters

Credit: 1 credit

Prerequisites: A in World History or B or higher in Honors World History (or equivalents) and teacher approval

OTH039: CRIMINOLOGY

In the modern world, many citizens share a concern about criminal behaviors and intent. This course introduces students to the field of criminology, the study of crime. Students look at possible explanations for crime from psychological, biological, and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles criminals and their misdeeds. The course explores some key questions: Why do some individuals commit crimes while others do not? What aspects of culture and society promote crime? Why are different punishments given for the same crime? What factors—from arrest to punishment—help shape the criminal case process?

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

HST020: PSYCHOLOGY

In this course students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key psychology terms and how to apply psychological principles to their own lives. Unit topics include. Introduction to Neuroscience, Growth and Language Acquisition , Learning and Memory, Development and Individual Differences, and Psychological Disorders.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None

HST060: SOCIOLOGY

The world is becoming more complex. How do your beliefs, values, and behavior affect the people around you and the world in which you live? Students examine social problems in the increasingly connected world and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

Course Length: One semester

Credit: 0.5 credit

Prerequisites: None



ELECTIVES DEPARTMENT

Electives are courses that are not part of a student's core classes but are vital to the high school curriculum. Insight PA's graduation requirements include five credits of electives, but you're free to take whatever classes interest you! These courses allow students to explore new interests and are integral in preparing students for a variety of post-secondary pathways.

OTH040: REACHING YOUR ACADEMIC POTENTIAL

Students learn essential academic skills within the context of their learning style, individual learning environment, and long-term goals. This course helps students develop habits for more successful reading, writing, studying, communication, collaboration, time management, and concentration. It also provides insights into how the brain works when they are learning, and ways to maximize its potential.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

OTH090: SUMMIT LIFE SKILLS

This one-semester elective is designed to increase students' knowledge of and ability in using the skills necessary for everyday living. Life Skills emphasizes defining personal values, goal setting and planning, and solving problems. Instructional material focuses on dealing with media and peer pressure, communicating and relationships, working with others, avoiding and/or resolving conflict, decision-making, wellness and personal safety, aspects of good citizenship, environmental awareness, and how students can contribute to their own community.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

Humanities and World Language Course Descriptions

WORLD LANGUAGES

WLG100A: SPANISH I

Students begin their introduction to Spanish by focusing on the four key areas of world language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension



activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; become familiar with common vocabulary terms and phrases; comprehend a wide range of grammar patterns; participate in simple conversations and respond appropriately to basic conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Course Length: Two semesters

Credit: 1 credit

Prerequisites: None

WLG100B: SPANISH II

Students continue their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking, and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; understand common vocabulary terms and phrases; use a wide range of grammar patterns in their speaking and writing; participate in conversations and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments where their language progression can be monitored. By Semester 2, the course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Course Length: Two semesters

Credit: 1 credit

Prerequisites: Passing grade in Spanish I

WLG200: SPANISH III

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal



speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning; use correct vocabulary terms and phrases naturally; incorporate a wide range of grammar concepts consistently and correctly while speaking and writing; participate in conversations covering a wide range of topics and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; read and analyze important pieces of Hispanic literature; and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: Passing grade in Spanish II

WLG500: ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Course Length: Two semesters

Credit: 1 credit

Prerequisite: B average in Spanish III and teacher approval

WLG110: FRENCH I

Students begin their introduction to French by focusing on the four key areas of world language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking, and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; become familiar with common vocabulary terms and phrases; comprehend a wide range of grammar patterns; participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-



speaking countries; and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Course Length: Two semesters

Credit: 1 credit

Prerequisites: None

WLG210: FRENCH II

Students continue their study of French by further expanding their knowledge of key vocabulary topics and grammar concepts. Students begin to comprehend listening and reading passages more fully and start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking, and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; understand common vocabulary terms and phrases; use a wide range of grammar patterns in their speaking and writing; participate in conversations and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various French-speaking countries; and take frequent assessments by which their language progression can be monitored.

Course Length: Two Semesters

Credit: 1 credit

Prerequisite: Passing grade in French I

HUMANITIES

ART010: ART HISTORY

This course combines art history, appreciation, and analysis. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Students will view and discuss various forms of the visual arts, such as painting, sculpture, architecture, as well as be exposed to a variety of artwork from different cultures. This course is purely art history and no physical artwork will be produced.

Course Length: Two Semesters

Credit: 1 credit

Prerequisite: None



ART040: ART STUDIO

This project based course introduces students to the various forms of the visual arts, such as painting, sculpture, film, and more. Students will learn how to look at a work of art, analyze characteristics in artworks, and understand the role art has played throughout history and how it is still prevalent today. Studio projects will provide opportunities for drawing, painting, sculpting, and other creative endeavors. Students are expected to complete these studio projects as they are a main component of their overall grade.

Course Length: One Semester

Credit: .5 credit

Prerequisite: None

ART020: MUSIC APPRECIATION

This course introduces students to the history, theory, and genres of music. The first semester covers basic music theory concepts as well as early musical forms, classical music, patriotic and nationalistic music, and twentieth century music. The second semester presents modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world.

Course Length: Two Semesters

Credit: 1 credit

Prerequisite: None

TCH028: DIGITAL ARTS STUDIO I

In this introduction/exploratory course, students learn the elements and principles of design as well as foundational concepts of visual communication. While surveying a variety of media and art, students use a variety of free web based software for image editing, and digital drawing to put into practice the art principles they have learned. They explore career opportunities in the design, production, display, and presentation of digital artwork. They respond to the artwork of others and learn how to combine artistic elements to create finished pieces that effectively communicate their ideas. At the conclusion students will have a portfolio of completed projects one from each unit. This is an introductory course.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

TCH029: DIGITAL ARTS STUDIO II

Students build/expand on the skills and concepts they learned in Digital Arts I as they develop their vocabulary of digital design elements. Students will showcase their knowledge and success from Digital Arts I, by focusing on more individual digital



drawing skills, animation, and photo manipulation. By the end of the course, students will have created a collection of digital art projects for their digital design portfolio.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: Passing grade in Digital Arts I

OTH060: FAMILY AND CONSUMER SCIENCE

In this course, students develop skills and knowledge to help them transition into adult roles within the family. They learn to make wise consumer choices, prepare nutritious meals, contribute effectively as part of a team, manage a household budget, and balance roles of work and family. They gain an appreciation for the responsibilities of family members throughout the lifespan and the contributions to the well-being of the family and the community.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

MUSIC THEORY

This course introduces students to the basics of music theory. Students will gain a basic understanding of how to read music as well as some of the rules for how music is written. They will practice and demonstrate their skills to show knowledge through original compositions and be able to say they were a composer. Topics will include notation, rhythm, scales, key signatures, intervals, and chords.

Course Length: One Semester

Credit: 0.5 credit

Prerequisite: None

INTRO TO ETHNOMUSICOLOGY

This is an introductory course in world cultures and their use of music. The emphasis is on Non-Western cultural studies. The course gives students the opportunity to examine the world of ethnomusicology and delve into the musical backgrounds and diverse musical traditions from different perspectives to impart greater world awareness and shape global leadership. Topics covered will include Music of Indonesia, Music and Media since the Age of Mechanical Reproduction, Music and Political Identity, Music of India, Music of the East and other regions of the world.

Course Length: One Semester

Credit: 0.5 credit

Prerequisite: None



HEALTH AND PHYSICAL EDUCATION

OTH020: SUMMIT PHYSICAL EDUCATION

This course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

OTH010: SKILLS FOR HEALTH

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: None

OTH080: SUMMIT NUTRITION AND WELLNESS

This half-credit course will introduce the student to an overview of good nutrition principles that are needed for human physical and mental wellness. Discussion of digestion, basic nutrients, weight management, sports and fitness, and life span nutrition is included. Application to today's food and eating trends, plus learning to assess for reliable nutrition information is emphasized.

Course Length: One semester

Credit: 0.5 credit

Prerequisite: Skills for Health or equivalent



Insight PA Course Offerings List

CTE COURSES	SEMESTERS	CREDITS
HEALTHCARE PROFESSIONS		
Healthcare Pathways	One	0.5
HLT213 Medical Terminology I	One	0.5
HLT214 Medical Terminology II	One	0.5
HLT410 PBL Nursing Assistant 1	One	0.5
HLT411 PBL Nursing Assistant 2	One	0.5
D-HLT-431AE1 Pharmacy Technician	Two	1
BUSINESS MANAGEMENT		
Introduction to Business	One	0.5
Business Ethics	One	0.5
BUS031 Personal Finance	One	0.5
BUS065 PBL Marketing I	One	0.5
BUS075 Marketing II	One	0.5
BUS113 Accounting I	One	0.5
BUS114 Accounting II	One	0.5
StockInvest Stocks & Investments I	One	0.5
StockInvest 2 Stocks & Investments II	One	0.5
BUS045 PBL Entrepreneurship I	One	0.5
BUS055 PBL Entrepreneurship II	One	0.5
TCH114 Microsoft Word and PowerPoint	One	0.5
Microsoft Excel	One	0.5
INFORMATION TECHNOLOGY COURSES		
Web Design	Two	1
Python	Two	1
TCH100E2 PBL Computer Science I	Two	1
TCH113 Computer Science II	Two	1
Introduction to Robotics	One	0.5



Robotics Pre-Apprenticeship	Two	1
Web Development	Two	1
Artificial Intelligence	One	0.5
Data Science	One	0.5
WORK-BASED LEARNING		
D-CS Work Experience	One	0.5
Diversified Occupation	Two	1 - 3

ENGLISH COURSES	SEMESTERS	CREDITS
ENG011: English Foundations II	Two	1
ENG108 Summit English 9	Two	1
ENG109 Summit English 9 Honors	Two	1
ENG208 Summit English 10	Two	1
ENG209 Summit English 10 Honors	Two	1
ENG303 Summit American Literature	Two	1
ENG304 Summit American Literature Honors	Two	1
ENG403 Summit British and World Literature	Two	1
ENG404 Summit British and World Literature Honors	Two	1
ENG500 AP English Language and Composition	Two	1
ENG510 AP English Literature and Composition	Two	1
Literature Keystone Remediation	One	0.5
ENG010 Journalism	One	0.5
ENG020 Public Speaking	One	0.5
ENG030 Creative Writing	Two	1

MATH COURSES	SEMESTERS	CREDITS
MTH011 Math Foundations II	Two	1
MTH113E2 Pre-Algebra	Two	1
MTH107 Summit Developmental Algebra	Two	1



MTH207 Summit Continuing Algebra	Two	1
MTH128 Summit Algebra 1	Two	1
MTH129 Summit Algebra 1 Honors	Two	1
MTH208 Summit Geometry	Two	1
MTH204 Summit Geometry Honors	Two	1
MTH308 Summit Algebra 2	Two	1
MTH309 Summit Algebra 2 Honors	Two	1
MTH307 Summit Practical Math	Two	1
MTH322 Summit Consumer Math	Two	1
MTH403 Pre-Calculus/Trigonometry	Two	1
MTH510 AP Statistics	Two	1
MTH500 AP Calculus AB	Two	1
Algebra Keystone Remediation	One	0.5

SCIENCE COURSES	SEMESTERS	CREDITS
SCI102 Summit Physical Science	Two	1
SCI203 Summit Biology	Two	1
SCI204 Summit Honors Biology	Two	1
SCI303 Summit Chemistry	Two	1
SCI304 Summit Honors Chemistry	Two	1
SCI113 Summit Earth Science	Two	1
SCI114 Summit Earth Science Honors	Two	1
SCI330 Anatomy & Physiology	Two	1
SCI403 Summit Physics	Two	1
SCI404 Summit Physics Honors	Two	1
SCI500 AP Biology	Two	1
SCI530 AP Environmental Science	Two	1
Biology Keystone Remediation	One	0.5
SCI010 Environmental Science	One	0.5
SCI020 Astronomy	One	0.5



SCI030 Forensic Science	One	0.5
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SOCIAL STUDIES COURSES	SEMESTERS	CREDITS
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HST103 Summit World History	Two	1
HST104 Summit World History Honors	Two	1
HST560 AP World History	Two	1
HST303 Summit US History	Two	1
HST304 Summit US History Honors	Two	1
HST500 AP US History	Two	1
HST403 Summit US Government and Politics	One	0.5
HST413 Summit US and Global Economics	One	0.5
HST203 Summit Modern World Studies	Two	1
HST204 Summit Honors Modern World Studies	Two	1
HST222 Summit Contemporary World Issues	One	0.5
HST040 Civics	One	0.5
HST010 Anthropology	One	0.5
HST213 Geography	Two	1
HST020 Psychology	One	0.5
HST060 Sociology	One	0.5
OTH039 Criminology	One	0.5

ELECTIVES COURSES	SEMESTERS	CREDITS
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WLG100A Spanish I	Two	1
WLG100B Spanish II	Two	1
WLG200 Spanish III	Two	1
WLG500 AP Spanish Language and Culture	Two	1
WLG110 French I	Two	1
WLG210 French II	Two	1
ART010 Art History	Two	1



ART040 Art Studio	One	0.5
ART020 Music Appreciation	Two	1
TCH028 Digital Arts I	One	0.5
TCH029 Digital Arts II	One	0.5
OTH060 Family and Consumer Science	One	0.5
Music Theory	One	0.5
Intro to Ethnomusicology	One	0.5
OTH040 Reaching Your Academic Potential	One	0.5
OTH090 Summit Life Skills	One	0.5

High School Counselor Caseloads

Name	Caseload (by last name)	Email	Ext.	Link to Schedule a Meeting
Stacey Klepfer	A-Bra	sklepfer@insightpa.org	3193	Schedule a meeting with Dr. Klepfer
Christina Johnson	Bre-Cri	chjohnson@insightpa.org	3391	Schedule a meeting with Ms. Johnson
Elyse Lanzendorfer	Cro-Fra	ellanzendorfer@insightpa.org	3600	Schedule a meeting with Ms. Lanzendorfer
Patrick Blackstone	Fre-Hop	pablackstone@insightpa.org	3454	Schedule a meeting with Mr. Blackstone
Karina deTurck	Hor-Leo	kdeturck@insightpa.org	3484	Schedule a meeting with Mrs. deTurck
Christine Babu	Les-Mile	chbabu@insightpa.org	3350	Schedule a meeting with Ms. Babu
Amber Clark	Mill-Ph	aclark@insightpa.org	3522	Schedule a meeting with Ms. Clark
Angela Orbin	Pi-Sag	anorbin@insightpa.org	3208	Schedule a meeting with Ms. Orbin
Dawn Christ	Sai-Str	dchrist@insightpa.org	3098	Schedule a meeting with Ms. Christ
Mara Benvenuti	Stu-Wh	mabenvenuti@insightpa.org	3077	Schedule a meeting with Ms. Benvenuti
Kelsey Tate *Dept Chair	Wi-Z	ketate@insightpa.org	3641	Schedule a meeting with Ms. Tate