

Art	Break up your day with a classroom experience unlike any other. Palatine freshmen can begin their artistic investigation in one of three creative areas: painting and drawing, ceramics and 3-dimensional art, and video and digital art. Each area provides 21st century creative thinking strategies, art making techniques, and collaborative learning skills in a fun and supportive classroom. All classes are in a cooperative hands-on lab environment. No experience necessary! In order to prepare students for life after Palatine, our courses fulfill the high school Fine Arts credit that many colleges and universities require upon entry. In addition, AP credit is offered junior and senior year. More information at http://phsartdepartment.wixsite.com/home
Applied Tech	The future of the world will undoubtedly be heavily ingrained with technology. The need to understand technology is growing at a rapid rate and our mission is to prepare students for college and career opportunities in their future. These STEM-based courses use hands-on and minds-on learning to give students exposure to a multitude of options in their futures. The PHS Applied Technology Department offers the opportunity to obtain industry certifications, earn scholarships, and network with industry partners that may lead to internships or apprenticeships. Depending on the course, students will also have the ability to obtain college credit, dual credit, and honors-weighted credit. Come learn more about our career pathways in engineering, architecture, manufacturing, computer networking, construction, electronics and many more at http://phsappliedtech.wixsite.com/home .
Business	Business has been one of the top college majors for the past 30 years. Business Education prepares students for colleges and careers in business. Palatine alumni majoring in business report that the same material taught at prestigious schools such as Kellogg (Northwestern), Kelley (Indiana), and Wharton (University of Pennsylvania) is also taught in B184 Business Explorations. The business career pathway continues with a diverse curriculum that includes courses in marketing, management, accounting, technology applications, entrepreneurship, business law, and finance. Taking a series of these classes, as well as being involved in our business clubs (BPA, Investment, and Web Page Design) will prepare students for the best business schools in America.
English	PHS freshmen take one of three year-long English courses. All three courses focus on building students' skills in the D211 Critical Learning Standards in reading, writing and communicating. Elective options in English begin sophomore year, including AP and dual credit opportunities. More information about our courses and teachers can be found at palatineenglish.weebly.com .
ESL	ESL courses focus on developing academic reading, writing, listening and speaking skills. Courses are designed to help prepare students for success in college prep level. Incoming freshmen who are placed in ESL classes are also required to enroll in a full period resource for support. Students are placed into ESL through placement tests, ACCESS scores, and junior high teacher recommendations. See the District 211 Curriculum Guide for a description of the courses.
FACS	Family and Consumer Science (FCS) courses focus on both college and career readiness in the areas of culinary arts, early childhood education, and design. Using hands-on educational and lab based-experiences, students master skills necessary to live and work in a diverse society. FCS courses challenge students to think critically and creatively, problem solve, and work effectively in a team. In addition, students learn to apply concepts of balancing school/work and family, create solutions to critical and emergent issues, utilize technology effectively in personal and family settings, and maintain healthy lifestyles. FCS education provides the bridge needed by all students to deal with life and career issues. Visit http://kstary.wixsite.com/phsfacs for more information!

Math	<p>Computer Science is a field that is growing exponentially. Currently there are not enough people to fill the jobs available in the field of computer science. All PHS freshman can take M256, Introduction to Computer Science Programming. Freshman students who already have some computer science experience and are in an accelerated math course can take M319 - AP Computer Science Principles.</p> <p>A freshman's math placement is automatically determined by multiple data points gathered during 8th grade. All math courses are aligned to D211 Critical Learning Standards, which are aligned to Common Core and Illinois state mathematics standards. All courses focus on developing problem-solving skills, perseverance and math fluency. Please see the D211 Curriculum Guide for specific math course information.</p>
Music	<p>Can't stop the beat? Join the music family and be creative in a team atmosphere. Choir, band, orchestra are all performance-based classes with 3-4 evening performances a year. With three levels of each ensemble, we have a group to meet your skill level. All entering students are automatically placed in the 100-level classes. Placement in the 200, 300, or 400 level ensembles requires an audition. Please contact the directors for more specific audition requirements: Mr. Carlos Esquivel or Miss Marissa Renter (band); Mrs. Dung (Yoom) Pham (orchestra); Mr. Matt Koehlinger (chorus). AP Music Theory is also offered for any students with music reading skills.</p>
PE/ Health	<p>Students who graduate from a district 211 physical education program should know the following:</p> <ol style="list-style-type: none"> 1. How to utilize health and fitness components as they apply toward the development of a personal fitness plans. 2. How to demonstrate cooperative social skills of teamwork, group & peer interaction, leadership, decision making and sportsmanship that reflect mutual respect. 3. How to display knowledge, understand relevance and demonstrate skills necessary to promote involvement in a variety of sport or activity. 4. How to understand safety concepts in various exercises and activities with regard to self.
Science	<p>Our mission is twofold: we prepare some students for further study in science and engineering, and we also educate all students for a world that demands increasing familiarity with science and technology.</p> <p>All D211 students must complete two years of science: one year of Biology and one year of a non-Biology course. College-bound students should also take Chemistry and Physics for four total years of science. Students are advised not to specialize in a particular science discipline until they have taken basic courses in several of the major fields.</p> <p>Course options expand after freshman year and include classes that will prepare a student for both college and career. These courses include dual credit courses (Anatomy and Physiology, Health Career Exploration and Medical Terminology) Advanced Placement courses (Biology, Chemistry, and 3 levels of Physics), as well as classes that lead to professional certification (Certified Nursing Assistant).</p>
Social Studies	<p>65% of students today will end up in jobs that don't exist yet. Social Studies classes will arm you with skills that make you successful in any field – the ability to communicate effectively, read critically, work collaboratively with others, identify bias, exhibit empathy for others and advocate for yourself. AP Human Geography, World History and World Geography are Social Studies courses available to freshman designed to teach crucial skills in a fun, dynamic and inclusive environment. PHS Social Studies will make you college and career ready! An increasing number of colleges require 3+ years of Social Studies; taking a course your freshman year guarantees you will meet that requirement. For more information, visit http://tinyurl.com/PHSFroshSS. We look forward to seeing you in our classes next year!</p>