

Practical Skills		
5 credits required for graduation. Not required for UC/CSU admission.		
Course	Course Requirements	Description
AEROSPACE ENGINEERING (GE-AEROS)	Grade 10- 12 Year Course HS - Technology, general elective or practical skills Prerequisite - Teacher permission UC/CSU – subject g approval pending	This course propels students’ learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. This is a part of Oak Park's Engineering Design pathway.
CERT/EMS (PS-ROPATH3)	Grade 9-12 Semester course HS -Practical Skills or General Elective Credit PREREQUISITE – None	This course will introduce the students to the profession of athletic training, sports medicine, first aid, CPR, emergency preparedness / CERT. Teen CERT is a program that is designed to educate the students and community on disaster preparedness. During this semester, students will also learn how to perform basic taping and wrapping skills, emergency management skills and proper transportation skills of the injured person. The class consists of in-class lecture, practical skills and after school observation hours.
CONSTRUCTION TECH: CABINETRY ROP (aka Woodshop) (PS-WOOD1)	Semester Course Grade 9-12 HS -Practical Skills or General Elective CTE This is a Career Technical Education certified course PREREQUISITE -None	Students learn to plan and build simple wood projects. Students are introduced to a variety of hand and power tools throughout the course. Considerable time is spent on shop, tool and machine safety. Students learn to compute costs, design and construct various projects of their own choice. Occupational opportunities are also explored. Note : Students may earn two college credits at Ventura College for completing CONSTRUCTION TECH: CABINETRY ROP.
DIGITAL ELECTRONICS (CP) (GE-DIGITE)	Year Course Grades 10 – 12 HS - Technology, Practical Skills or General Elective CTE This is a Career Technical Education certified course PREREQUISITE – A grade of C or better in Intro to Engineering or Teacher Approval UC/CSU – subject g	From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. This is the second course of the four year Engineering track.
INTRODUCTION TO DIGITAL PHOTOGRAPHY (PS-DIGPHOT)	Grades 9-12 Semester course HS -Practical Skills, Technology or General Elective CTE This is a Career Technical Education certified course PREREQUISITE -None	This class will be a general introduction to digital photography. Emphasis will be on how to take “good” photographs using the rule of thirds and basic design concepts. Lessons will include exposure settings, lighting techniques and composition. A camera is not required for enrollment.
CIVIL ENGINEERING AND ARCHITECTURE (CP) (GE-CIVIL)	Year Course Grades 10 – 12 HS - Technology, Practical Skills or General Elective CTE This is a Career Technical Education certified course PREREQUISITE – A grade of “C” or better in Intro to Engineering or Architecture or Teacher Approval UC/CSU – subject g	Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. This course is part of multiple Career Technical Education pathways offered at OPHS.
INTRODUCTION TO ENGINEERING (CP) (GE-INTROENG)	Grade 9-10 Year course HS -Technology, Practical Skills or General Elective CTE This is a Career Technical Education certified course PREREQUISITE -None UC/CSU – subject g	This course is designed for the student interested in an engineering related field of study. The major focus of this course is to expose students to the design process, research and analysis, teamwork, various communication methods, engineering standards, and technical documentation. Through hands-on projects, students apply engineering standards while documenting their work in design. Students use industry standard 3D modeling software to help design solutions to solve proposed problems, document their work using an engineer’s notebook, and communicate solutions to peers and members of the professional community. The course assumes no previous knowledge, but students should be concurrently enrolled in mathematics and science courses. This course will be the first of a four-year commitment to the Oak Park High School engineering track.

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FINANCIAL MATH (M-FINANCE)	Semester Course Grade 9-12 HS- *Mathematics, Practical Skills or General Elective PREREQUISITE – NONE Students may take this class for H.S. Math credit if they have completed Algebra 1, and are at least concurrently enrolled in Geometry	This course is a combination of Introduction to Personal Finance and Business Math. One of the biggest problems today is people do not know how to manage their money well. They do not know how to save and invest their money and stay out of debt. Math skills are essential in today's world and learning day-to-day applications is necessary to become an educated consumer. This class is intended to give the students the knowledge, understanding and skills to do this. Dave Ramsey's Video High School curriculum "FOUNDATIONS in PERSONAL FINANCE" will be used with topics on Saving, Budgeting, Credit, Debt, Financial Planning, Insurance, Income, Taxes, and Giving. Other topics included in this course include Gross Pay: all the ways to get paid such as commission; Net Pay: understanding all the deductions that come out of one's paycheck; and Banking Services: including how to balance a checkbook.
JOURNALISM I: INTRODUCTION TO JOURNALISM (CP) (PS-JOURNAL)	Year Course Grade 9-12 HS- Practical Skills or General Elective PREREQUISITE - A grade of "C" or higher in previous English class. Instructor permission required to enroll. UC/CSU – subject g	The introductory journalism course is a confluence of media basics: laws & ethics, news writing, feature writing, opinion writing, design, photojournalism, podcast production, and mini-documentary filmmaking, etc. Student reporters create content amid tight deadlines for the Oak Park Talon's print and online newspaper in cahoots with the Oak Park journalism club. Students intrigued by journalism (and how it transforms our society) will partake in the inner workings of the newsroom process — and learn how to navigate that process with professionalism and aplomb.
JOURNALISM II: MULTIMEDIA PUBLISHING WORKSHOP (PS-JOURN34)	Year Course Grade 10-12 HS- Practical Skills/General Elective PREREQUISITE - Journalism I or at the discretion of the advisor UC/CSU -Subject g approval pending	Journalism II is a project-based space for editors and staff members to collaborate, create, and specialize. Students will manage and produce the Oak Park Talon's print and online newspapers, as well as the school's burgeoning broadcast program and any media projects of their own. Candidates for this course must be computer-savvy, truth-seeking and self-directed adventurers who can work well on teams, meet deadlines and produce a quality product.
MOCK TRIAL (GE-MOCKTRL) 8th Period	Grade 9-12 Year Course HS- Practical Skills or General Elective Credit PREREQUISITE – A grade of "B" or higher in previous English and Social Science classes. Instructor permission required to enroll.	Learn how to be a trial lawyer. Students in this class will learn the basic skills of trying a legal case in a court of law. Skills include giving statements, questioning witnesses, rules of evidence and legal research. Students in this class may audition to be on the competitive Mock Trial team. Students who have previously participated on the team may take this class. Students who wish to audition to be on the team must have taken the Mock Trial course at least once before or must be concurrently enrolled in the class. Note: Students who make the competitive team must be prepared to spend at least 1 evening per week practicing.
SPEECH (PS-SPEECH)	Semester Course Grade 10-12 HS- Practical Skills or General Elective PREREQUISITE -None	This course increases the students' speaking abilities. Various categories of speeches are stressed including informative, humorous, extemporaneous, etc. Original speeches are prepared and students are guided through a variety of strategies to help with presentation skills. This class helps students to better prepare for future classroom presentations and future public speaking opportunities.
SPORTS MEDICINE I (PS-ROPATH)	Grade 9-12 Semester course HS- Practical Skills or General Elective Credit PREREQUISITE – None	This course will introduce the students to the profession of athletic training and sports medicine. The students will learn basic anatomy, injury evaluation, and treatment for athletic injuries to the upper and lower extremities, head and neck. Students will also learn how to perform basic taping and wrapping skills.
SPORTS MEDICINE II (PS-ROPATH2)	Grade 9-12 Semester course HS- Practical Skills or General Elective Credit PREREQUISITE – None	This course will introduce the students to the profession of athletic training and sports medicine. The students will learn basic anatomy, injury evaluation, first aid, CPR and rehab techniques. Upon completion of this course, students will receive their CPR cards. Students will also learn how to perform basic taping and wrapping skills, emergency management skills and proper transportation skills of the injured person. This class consists of in-class lecture and practical skills.

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<p>STAGECRAFT (PS-ROPSTCR) Instructor permission required to enroll 8th Period</p>	<p>Grade 9-12- Quarter-long course May be repeated multiple times HS-Practical Skills or General Elective CTE This is a Career Technical Education certified course PREREQUISITE-None</p>	<p>Besides learning the foundations of theatrical production, students will learn the necessary and advantageous elements of teamwork. Students will also learn tool and shop safety, tool usage, to read set design blueprints, lighting designs and patch schedules, set and prop construction, stage lighting, sound engineering and participate in stage crew work.</p>
<p>TECHNICAL DRAFTING & DESIGN (aka Architecture) (PS-BEGARCH)</p>	<p>Semester Course Grade 9-12 HS-Practical Skills or General Elective CTE This is a Career Technical Education certified course PREREQUISITE-None</p>	<ul style="list-style-type: none"> • In Architecture I, students use mechanical instruments to draw a vacation residence for a particular family and location. Considerable time is spent learning circulation patterns, furniture placement and sizes, and the orientation of the home and rooms to the lot. • In Architecture II, students expand on the information and techniques learned in Architecture I. An introduction to 3D CAD design is also available in Architecture II. <p>In Architecture III & IV students are given non-residential design challenges. Utility systems are explored as is the further use of CAD. Drawings typically are more intricate in design and function as other aspects of architecture are explored and applied. Students may earn 3 credits from Ventura College by completing Architecture I and II, and they may earn 2 additional credits for completing Architecture III and IV.</p>
<p>YEARBOOK (PS-YEARBK or PS-YEARBKA)</p>	<p>Semester or Year Course Grade 9-12 HS-Practical Skills or General Elective Credit PREREQUISITE- A grade of "C" or higher in previous English class. Instructor permission required to enroll.</p>	<p>The yearbook class creates and produces the Oak Park annual, <i>The Eagle</i>. This is a permanent creation of OPHS' history, with photography, layout, and writing. Students must be committed to producing and maintaining the quality of our highly regarded yearbook. Independent as well as collaborative responsibilities will be required. Students will need to utilize time outside of class for attending events as needed. High expectations of integrity, with a strong work ethic, are necessary for students to be successful in this class. Students must be attending OPHS for this elective, since students will need to be on-campus for quoting and picture-taking.</p>