

**PALO ALTO HIGH SCHOOL  
CAREER TECHNICAL EDUCATION DEPARTMENT  
COURSE OFFERINGS 2011-2012**

COMPUTER TECHNOLOGY		HOME ECONOMICS	AUTOMOTIVE	WORK EXPERIENCE
<p><b>COMPUTER AIDED DESIGN (CAD)</b> (semester or year) Students use high speed computers to learn the industry standard in Computer Design Software. Great background for engineering, graphics design, architecture.</p>	<p><b>ENGINEERING TECH (U.C. G. requirement)</b> (semester or year) Class consists of various student selected projects including but not limited to: MIT's laser finger project, FIRST robotics, web design, computer animation, 3D solid modeling and video editing. (Class can be taken as an independent study program). Solidworks certification available.</p>	<p><b>FABULOUS FOODS</b> (semester only) Builds a strong foundation in cooking principles. Strong lab-based, hands-on course.</p>	<p><b>AUTOMOTIVE TECHNOLOGY</b> (ROP)(Sem1 or year)</p> <ul style="list-style-type: none"> <li>• Intro to Cars</li> <li>• Consumer-type class</li> <li>• 80% Hands-on</li> </ul>	<p><b>EXPLORATORY EXPERIENCE</b> (Semester,10-12) Unpaid off-campus course. Students explore their career interests with mentors.</p>
<p><b>COMPUTER APPLICATIONS</b> (semester or year) Students become proficient with all Microsoft Office products and can do special projects with other applications. Microsoft Certification available.</p>	<p><b>SPORTS MEDICINE</b></p>	<p><b>AMERICAN REGIONAL AND CULTURAL FOODS</b> (semester only) Foods of the regional United States, Asia, Europe, Africa and more. Strong lab-based, hands-on course.</p>	<p><b>AUTOMOTIVE TECHNOLOGY 2</b> (ROP) (year only)</p> <ul style="list-style-type: none"> <li>• Project-based</li> <li>• National Auto Competition for top Students.</li> </ul>	<p><b>WORK EXPERIENCE</b> (Semester, 10-12) Part-time employment combined with classroom instruction.</p>
<p><b>DIGITAL DESIGN</b> Animation and Game Design (semester or year) Introduction to animation and video game design industry. Animate and create games using Adobe Flash.</p>	<p><b>SPORTS MEDICIINE</b> (semester or year, year preferred)</p>	<p><b>INTERIOR DESIGN</b> Define your style, Understand principles of design. Now a two-semester program. Students interested in art or architecture would find this course interesting.</p>	<p><b>PROGRAMMING</b></p>	<p><b>TEACHING SEMINAR AND PRACTICUM</b> (Year) (Grade 12 only) Students work with teachers on Paly staff as they explore teaching as a career.</p>
	<p><b>KINESIOLOGY</b> (semester) These courses prepare students for pre-physical therapy or pre-med courses. Also anatomy and basic taping, injury evaluation techniques, basic injury care.</p>		<p><b>JAVA PROGRAMMING</b> (Semester &amp; Year) Intro &amp; Advanced Java is a collaboration course with Foothill College (college credit granted) and is an introduction to computer programming using the Java language.</p>	<p><b>BUSINESS</b></p>
				<p><b>BUSINESS LAW</b> (semester or year) Geared to future business owners, managers. Includes consumer issues Business plans, classroom trials.</p>

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