

**This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Individualize your coursework to meet your educational and career goals while referring to these recommended coursework.**

Computer-Assisted Drafting at Taft High School 7-12				With a HS diploma you can work as a... <sup>(a)</sup>	Additional Schooling (1 & 2 Year Programs)
(1) Required classes for pathway completion are shaded		(2) Optional classes for pathway enhancement are bolded			
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	<ul style="list-style-type: none"> <li>Construction (\$24,519-\$30,741)</li> </ul>	<ul style="list-style-type: none"> <li>Computer-Assisted Drafting – Certificate of Completion – 3 terms</li> <li>Computer-Assisted Drafting – Associate of Applied Science – 6 terms</li> </ul> <p><i>Similar 1 and 2 year programs maybe available at other community colleges and technical training schools.</i></p>
English	English	English	English		
Math	Math	Math	Career Related Learning Experience		
Applied Arts / Foreign Language	Social Science	Social Science	Social Science		
Science	Science	Elective	Elective		
PE / Health	PE / Health	Elective	Elective		
<b>High School 101<sup>(3)</sup></b>	Elective	Elective	Elective		
<b>CAD 1 <sup>(1) (3)</sup></b>	<b>CAD 2 <sup>(1) (3)</sup></b>	Elective	<b>Work Based Learning <sup>(2)</sup></b>		
Computer-Assisted Draft (CAD) Program at Chemeketa Community College				With a Certificate of Completion <sup>(b)</sup>	Additional Schooling (4 Year Programs)
*Earn college credit for this course(s) by taking the appropriate high school course					
Certificate of Completion <sup>(CC)</sup>				<ul style="list-style-type: none"> <li>Architectural and Civil Drafter (\$39,203)</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor of Architecture – University of Oregon</li> </ul> <p><i>Similar 4 year programs maybe available at other colleges.</i></p>
Prerequisites	Term 1	Term 2	Term 3		
CS101 * Intro to Computer Applications	<b>DRF130 * AutoCAD 1</b>	DRF132 AutoCAD 3	DRF095C Special Projects in Drafting and Design		
CA121A Keyboarding A <small>(if less than 25 wpm)</small>	DRF110 Applied Engineering Computations	DRF150 Architectural Drafting 1	DRF140 Advanced Technical Graphics		
MTH070 Elementary Algebra	DRF131 AutoCAD 2	DRF230 Introduction to MicroStation PC	DRF170 AutoCAD Certification Preparation		
SSP051 Studying for College or RD090 College Textbook Reading	MTH060 Introductory Algebra <small>(or higher)</small>	MTH070 Elementary Algebra <small>(or higher)</small>	DRF240 Architectural Drafting 2		
	COM051 Communication Skills 1 Or WR121 English Composition-Exposition	PSY101 Psychology of Human Relations <small>(or higher)</small>	Drafting Elective		
WR049 Basic Writing					
				<b>With an Associate of Applied Science Degree <sup>(b)</sup></b> <ul style="list-style-type: none"> <li>Engineering Technician (\$41,732)</li> </ul>	
				<b>With a Bachelor Degree <sup>(c)</sup></b> <ul style="list-style-type: none"> <li>Construction Manager (\$69,855)</li> <li>Architect, Surveyor, Cartographer (\$46,000-\$59,645)</li> </ul>	

- (a) These occupations usually require a high school diploma, short-term (less than a month) to moderate-term (less than a year) on-the-job training.
- (b) These occupations usually require associate degree, postsecondary certificate, and/or long-term (more than a year) on-the-job training.
- (c) These occupations usually require a bachelor degree and work experience. In some cases a master's degree.