

Torrance USD Program of Study for BLD Cabinetry, Millwork, Woodworking Pathway 120

Industry Sector: Building & Construction (BLD)					Pathway: Cabinetry, Millwork, Woodworking (120)					
Torrance Unified School District (TUSD) Program of Study										
Site	Grade	English	Math	Social Studies	Science	Other Required Courses or Recommended Electives			Career Technical Education Course	Occupations, Degrees, & Certificate Programs
T O R R A N C E U N I F I E D	7	English 7	Math 7	Soc. St. 7	Science 7	--	PE	--	--	<u>Occupation (High School Diploma)</u> • Cabinet Makers • Bench Carpenters • Woodworking Machine Operator • Sawing Machine Operator • Construction Carpenter
	8	English 8	Math 8	Soc. St. 8	Science 8	--	PE	--	Shop or Tech in Educ.	
	9	English 1	Algebra 1	--	Biology	World Lang	PE	Health	Wood Design 1	
	10	English 2	Geometry	*World History	Chemistry	World Lang	PE	--	Wood Design 2	
	11	English 3 or AP Comp	Algebra 2	*US History	Science Elective	World Lang	--	--	Vocational Cabinetry & Millwork	<u>Occupation (Training/2-Yr Degree)</u> • Construction & Building Inspectors • Model/Pattern Makers, Wood • Electrician • Plumber • Pipe/Steam Fitter
	12	*English 4 or AP Lit	Math Elective	Gov/Econ	--	--	--	Fine Arts	--	
	UC CSU	4 Yrs Req	3 Yrs Req 4 Yrs Rec	2 Yrs Req	2 Yrs Req 3 Yrs Rec	2 Yrs Req 3Yrs Rec	--	1 Yr Fine Arts Req 1 Yr Elective Req	CTE is not req for UC/CSU/TUSD	<u>Occupations (4-Yr Degree/Higher)</u> • Construction Manager • Cost Estimator • Civil, Electrical, Mechanical Engineer
	TUSD	4 Yrs Req	2 Yrs Req	2 Yrs Req & Econ/Gov	2 Yrs Req	1 Yr Lang or Fine Art Req	2 Yrs Req	1 Sem Health Req	<i>These CTE courses meet the Elective Req.</i>	
* Indicates a course that has the option of earning high school credit AND college credit through El Camino (see your high school counselor for details on dual enrollment & articulation)										
E L C A M I N O C O L L E G E	13 ↓ 15	<u>General Education Requirements for ECC Majors</u>				<u>ECC Construction Technology AS Degree Requirements</u>				<u>Pre/Apprenticeship Programs</u> • El Camino's Construction Technology Pre-Apprenticeship <u>Degree Programs</u> • Cabinet Making & Millwork • Furniture Design & Manufacturing • Machine Shop Technology • Cabinet/Fine Woodworking • Construction Technology <u>Industry Certifications/Licenses</u> Offered Through Precision Exams: • Woods 1 Offered at El Camino • Cabinet & Fine Woodworking • Construction Technology o Cabinet and Millwork o Residential Construction, Electrical, Plumbing, & Remodeling Trainee o Furniture Design and Fabrication
		<u>Required Categories for ECC AS Degree</u> Natural Sciences (3 units) Social and Behavioral Sciences (3 units) Humanities (3 units) Language and Rationality (6 units) • One course from each section: A & B Health & PE (3 units) • Exemption Options: Pass the Contemporary Health Waiver Exam or obtain approval for the Petition for Military Service Credit. Mathematics • Option 1: Pass the Math Competency Test • Option 2: Pass one approved Math class with a C or better Electives • Additional units needed to total 60 units • Courses cannot double count in multiple categories				<u>Cabinet & Fine Woodworking</u> <u>Required 19 Units</u> Construction Technology 200, 201, 202, 203, 210, 211, 212, 213, 220, 221 <u>Require 14-16 Units from:</u> Architecture 119, 150A Business 17 Construction Technology 95, 100, 110, 222, 230		<u>Construction Technology Required 18 Units</u> Construction Technology 100, 110, 172, 180, 200 <u>Required 16 Units from:</u> Architecture 179 Construction Technology 121, 122, 131, 132, 141, 142, 150, 160, 201, 202, 203 <u>Recommended Electives</u> Architecture 150A Business 17 Computer Info Systems 13 Construction Technology 95		
Please note, additional courses are needed to meet the <u>UC/CSU Transfer Requirements</u> . See your ECC counselor for details.										