

School: **El Capitan High School**

Academy/Pathway: **Building & Construction Trades**



Grossmont Union High School District

L e v e l	G r a d e	English Language Arts	Math	Social Studies	Science	Career Technical Education	Other Required Courses or Recommended Electives	Additional Pathway Information
S e c o n d a r y	9	English 1, 2	Integrated Math I	Geography	Science Y1	General Construction 1, 2 T725 / T726	P.E. Y1 WorldLanguage 1, 2 Visual and Performing Arts Y1	Occupations Requiring Less Than a Baccalaureate Degree • General Contractor • Building Inspector • Electrician • Plumber • Carpenter • Solar Technician • Guitar Builder • Cabinet making • Occupational Health and Safety Technician Recognized Certifications, Licenses, or Credentials Related to This Pathway • OSHA 10 • ACI American Institute of concrete • Green Business LEED • Aerial Lift Training • Crane Operator Cert. Cuyamaca Community College Program Offerings: • Associate in Science degree in Occupational Safety and Health Management (40 Units, plus Gen. Ed.) (See Left) • Associate in Science degree in Occupational Safety and Health Technician (25 Units, plus Gen. Ed.)
	10	English 3, 4	Integrated Math II	World History	Science Y2	General Construction 1, 2 T725 / T726 General Construction 3, 4 T727 / T728	P.E. Y2 WorldLanguage 1, 2 World Language 3, 4 Visual and Performing Arts Y1	
	11	English 5, 6	Integrated Math III	U.S. History	Science Elective	General Construction 3, 4 T727 / T728 General Construction 5, 6 T729 / T730 UC-g	P.E. Y2 WorldLanguage 1, 2 World Language 3, 4 Visual and Performing Arts Y1	
	12	English 7, 8	Math Elective	Am. Gov. / Econ.		General Construction 5, 6 T729 / T730 UC-g	P.E. Y2 World Language 3, 4 World Language 5, 6 Visual and Performing Arts Y1	
Key		Minimum UC a-g Entrance Requirement	Required by GUHSD for Graduation	Recommended for College Admissions	CTE Concentrator Course	CTE Capstone Course	CTE Meets UC a-g Entrance Requirements Articulated Course	
The course sequence listed below is for illustration only. A student's actual course sequence may vary.								
P o s t -	13	BIO 112 <i>Contemporary Issues in Environmental Resources</i>	BIO 130 <i>Gen. Biology I</i> BIO 131 <i>Gen. Biology I Laboratory</i>	CHEM 115 <i>Fundamentals of Chemistry</i>	EHSM 100 <i>Intro to Environmental & Occupational Safety and Health (OSH) Technology</i>	EHSM 130 <i>Environmental / Occupational Health Effects of Hazardous Materials</i>	EHSM 135 <i>General Industry Safety Standards</i>	WBL Plan 22-23: • Guest speakers from Taylor Guitars and from the construction industry; • Field trips: AGC, Taylor Guitar

Secondary	14	EHSM 145 <i>Construction Safety Standards</i>	EHSM 200 <i>Hazardous Materials Management (HMM) Applications</i>	EHSM 201 <i>Introduction to Industrial Hygiene and Occupational Health</i>	EHSM 205 <i>Safety and Risk Management Administration</i>	EHSM 230 <i>Hazwoper Certification</i>	EHSM 240 <i>Cooperative Work Experience</i> Select one (1) of the following: CIS 110 <i>Principles of Information Systems</i> COMM 122 <i>Public Speaking</i> SPAN 120 <i>Spanish I</i>	LMI Highlights for Pathway 22-23: ● 5 year projected job growth ● 135,477 employed ● \$89,316 ave. earnings per job.