



Cluster: Manufacturing

Guided
Career Pathways

Production

Program of
Study: Welding Certificate

Associate of Arts/ Science Degree	M	E	T	I	P	N	E	E	D
2. AMERICAN INSTITUTIONS/STATE & LOCAL GOVERNMENT : (3 units)									
Political Science 101**, 105 and 106; Social Science 132. <small>(**Students who completed POL S 101 before Spring 2014 must also complete POL S 106).</small>									
3. U.S. HISTORY: (3units)									
Economics 111, History 116; History 110, 111(CD), 117, 118; Social Science 131									
4. MATHEMATICS									
Mathematics 101, 120, 131 or 220AB (2 units)									
5. HEALTH (3 units)									
Health 104, 106; Psychology 111(CD)* or equivalent will satisfy this requirement.									
6. PHYSICAL EDUCATION (2 units)									
physical education activity classes and/or dance activity classes									
7. FIRST AID (1 units)									
Health 101, 102; Emergency Medical Technology 140									
8. CULTURAL DIVERSITY (3 units)									
Courses that satisfy this requirement have been marked by (CD) and appear throughout the graduation requirements. The requirement may be satisfied by completing any one of the graduation requirements with a course marked (CD) or by completing Child Development 156.									
9. General Education: 18 units; 1 course from each areas									
A. Natural Science (3 units)									
B. Social Sciences (3 units)									
C. Humanities:									
1. Interdisciplinary Humanities (3 units)									
2. Arts, Foreign Language, Literature, & Philosophy (3 units)									
D. Lang & Reality:									
1.English Composition (3 units)									
2.Communication & Analytical Thinking (3 units)									
TOTAL UNITS 35-37									

PREREQUISITE COURSES	Certificate (Requirements)	U N I T S	M E T	I P	N E E D	Transfer Credit
	ENGR 102 Engineering Print Reading for Industry WELD 117 Introduction to Welding	2 2				
WELD 117 or equivalent	WELD 118 General Welding Or WELD 121 General Welding	2 3				
WELD 121 or equivalent	WELD 122 General Welding	3				
	WELD 123 Occupational Welding	3				
	WELD 124 Occupational Welding	3				
WELD 117 or 121 or equivalent WLED 117 or 118	WELD 125 Advanced Welding Procedures Or WELD 126 Occupational Welding Procedures	1 1				
	MTLGY 150 Principles of Metallurgy and Heat Treating	3				
TOTAL UNITS REQUIRED 19-20						

Required Major Total: 19-20 units
Proposed Sequence
Year 1, Fall: 4 units
Year 1, Spring: 5-6 units
Year 2, Fall: 6 units
Year 2, Spring: 4 units

***Courses with an asterisk may be counted in one area only.
 ***Students who complete POL S 101 prior to spring 2014 must also complete POL S 106

Online Resources



www.salarysurfer.cccco.edu



www.CaCareerZone.org



1500 North Verdugo Road, Glendale, CA 91208

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