



Arizona Career and Technical Education Program of Study 2015-16



High School: Flagstaff High School
 Secondary CTE Program: Welding Technology
 Secondary CIP Code: 48.0508

Postsecondary Institution: Coconino Community College
 Postsecondary Program: Vocational Technology Education
 Postsecondary CIP Code: 46.9999

GRADE	CTE Secondary courses and Postsecondary major courses and CTSOs	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	Other required courses/electives	Postsecondary degree or certificate associated with this Program of Study
9	Industrial Technology Explorations	English 9	Algebra	Earth Science	Elective	Health/PE	
Administer Arizona's Instrument for Measuring Standards (AIMS) 10th Grade							
10	Welding I WLD-102 (3) / Skills USA	English 10	Geometry	Biology	World History Geography		
Administer college course placement assessments Conduct academic/career advising. Identify and implement additional preparation strategies							
11	Welding II WLD-106 (3) / Skills USA	DE ENG-101 (3)	Algebra II	Chemistry	US History HIS-131/132 (6)	Woods I	
12	Welding III/Skills USA Competitive	DE ENG-102 (3)	Pre-Calculus MAT-187 (5)	AP Physics PHY-111 (4)	Government / Economics	Woods II	Vocational Technology Education (AA)
Administer Arizona's CTE Technical Skills Assessment							
Year 1 1st Semester	WLD-102 Basic Welding Fabrication (3)	ENG-101 College Comp I (3)	MAT-187 Pre-Calculus (5)	PHY-111 College Physics I (4)	HIS-131 or 132 US History (3)		
Year 1 2nd Semester	WLD-106 Intermediate Welding (3)	ENG-102 College Comp II (3)		Physical / Biological Science (4)	Arts / Humanities (3)		
Year 2 1st Semester	7 credits from the following: AUT, CRP, CTM, DFT, WLD				POS-220 Arizona National Constitution (3)		
Year 2 2nd Semester	12 credits from the following: AUT, CRP, CTM, DFT, WLD						
Required Courses							
Career and Technical Education Courses							
Recommended Elective Courses							
Credit-Based Transition Programs (e.g. Dual, Concurrent or Reverse Enrollment)							

CTE Director: *[Signature]*
 Postsecondary: *[Signature]*

Date: 11/16/2016
 Date: 11-16-16