



Arizona Career and Technical Education Program of Study



High School: Flagstaff High School
 Secondary CTE Program: Cabinetmaking
 Secondary CIP Code: 46.0400.40

Postsecondary Institution: Coconino Community College
 Postsecondary Program: Alt. Energy Certificate
 Postsecondary CIP Code: 46.0400.20

	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	
SECONDARY	9	CTE Rotation	English 9	Algebra I	Earth Science	Elective	Health/PE	Environmental Technology: Alternative Energy (Certificate)	
	Administer Arizona's Instrument for Measuring Standards (AIMS) 10th Grade.								
		Woods I	English 10	Geometry	Biology	World History AP	Modern Language		
	11	Woods II CTM 115 (3)	DE ENG 11-ENG 101 (3)	Algebra II	Astronomy-PHY 180 Physics-PHY 111 AP Chemistry-CHM 130 (4)	US DE History HIS-131/132 (6)	Skills USA		
	12	Cabinetmaking	DE ENG 12-ENG 102 (3)	College Math (MAT 140) or Pre-Calculus (MAT 187) (5)	Astronomy-PHY 180 Physics-PHY 111 AP Chemistry-CHM 130 (4)	Government / Economics	Skills USA		
Administer Arizona's CTE Technical Skills Assessment.									
POSTSECONDARY	Year 1 1st Semester	CTM 111-Plumbing (3)	CTM 123-Building Construction Methods I	CTM 124-Building Construction Methods II (3)	CTM 130-Blueprint Reading (3)				
	Year 1 2nd Semester		MAT 097-Intermediate Algebra or higher (3)	CTM 138-Intro. To Solar Design Applications (1)	CTM 150-Basic Electrical Theory (3)		22 Credits-Intermediate Certificate		
	Year 2 1st Semester	CTM 120-Building the Human Environment (3)	CTM 132 Solar Water Heater System (2)	CTM 133-Solar Greenhouse Design (3)	CTM 151-House Wiring I (3)	CTM 235-Solar Home Design (3)	CTM 236-Photovoltaics and Wind Power (3)		
	Year 2 2nd Semester	CTM 250-Innovative and Alternative Building Techniques (3)	MAT 140-College Mathematics (5) or higher	CTM 289-Internship I (1)			44 Credits-Advanced Certificate (includes Intermediate Certificate)		
Required Courses					Recommended Elective Courses				
Career and Technical Education Courses					Credit-Based Transition Programs (e.g. Dual, Concurrent or Reverse Enrollment)				

CTE Director:
 Postsecondary:

Date: 9-24-18
 Date: 9/24/18