



Arizona Career and Technical Education Program of Study 2018



High School: Flagstaff High School

Postsecondary Institution: Coconino Community College



Secondary CTE Program: Cabinetmaking

Postsecondary Program: Environmental

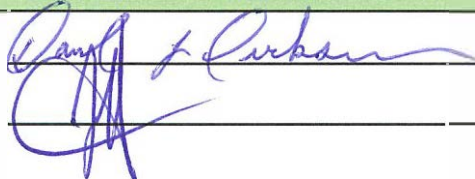
Technology

Secondary CIP Code: 10.0200.30

Postsecondary CIP Code: 46.0400.80

	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		Health/PE	Environmental Technology: Alternative Energy (Certificate)	
	Administer Arizona's Instrument for Measuring Standards (AIMS) 10th Grade.								
	10	Woods I	English 10	Geometry	Biology Chemistry	World History (AP)	Modern Language		
	Administer college course placement assessments. Conduct academic/career advising. Identify and implement additional preparation strategies.								
	11	Woods II CTM 115 (3)	DE English 11-ENG 101 (3)	Algebra II	Astronomy -PHY 180 Physics-PHY 111 AP Chemistry-CHM 130 (4)	US DE US History-His 131/132 (6)	Skills USA		
12	Cabinetmaking	DE English 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 (3)	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		
Required Courses					Recommended Elective Courses				
Career and Technical Education Courses					Credit-Based Transition Programs (e.g. Dual, Concurrent or Reverse Enrollment)				

CTE Director:



CAVIAT

Date

11-14-18

Postsecondary:

Date

11/27/18