



Arizona Career and Technical Education Program of Study



High School: Chinle High School
 Secondary CTE Program: Electronics Technology
 Secondary CIP Code: 15.0300.00

Postsecondary Institution: Arizona State University
 Postsecondary Program: Bachelor of Science in Electrical Engineering
 Postsecondary CIP Code: _____

	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	Career Exploration	English 9	Algebra I	Integrated Science	World History	PE/Health	Bachelor of Science in Electrical Engineering	
	Administer Arizona's Instrument for Measuring Standards (AIMS) 10th Grade.								
	10	Electronics I	English 10	Geometry	Biology		Fine Arts & Foreign Language		
	Administer college course placement assessments. Conduct academic/career advising. Identify and implement additional preparation strategies.								
	11	Electronics II/III (2 Hour Block)	English 11	Algebra II	Chemistry	American History			
	12	Electronics Internship	Advanced Composition/ American Literature	Pre-Calculus	Physics	Free Enterprise/ American Government	Foreign Language		
Administer Arizona's CTE Technical Skills Assessment.									
POSTSECONDARY	Year 1 1st Semester	Digital Design Fundamentals	First-Year Composition	Calculus for Engineers I	General Chemistry for Engineers		The ASU Experience		
	Year 1 2nd Semester	Principles of Programming with C++	First-Year Composition	Calculus for Engineers II	University Physics I: Mechanics, University Physics Laboratory I		Arts and Design (HU) AND Cultural Diversity in the U.S.		
	Year 2 1st Semester	Circuits I		Calculus for Engineers III, Modern Differential Equations	University Physics II				
	Year 2 2nd Semester	Signals and Systems I, Fundamentals of Electromagnetics		Linear Algebra or Applied Linear Algebra	University Physics III		Arts and Design AND Global Awareness		
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 _____
Date _____

RPOS POS form 1-25-12