



CAREER PLAN OF STUDY: CONSTRUCTION TECHNOLOGIES

CAREER CLUSTER: ARCHITECTURE AND CONSTRUCTION

CAREER PATHWAY: DRAFTING: ARCHITECTURAL

SAMPLE OCCUPATIONS: Architect, Construction Manager, Carpenter, Construction and Building Inspector, Construction Equipment Operator, Flooring, Drywall or Insulation Installer, Roofer, Mason, HVAC

ARCHITECTURAL DRAFTING PROGRAM OF STUDY

CTE Courses offered grades 9-12

INDUSTRY CERTIFICATION: Autodesk Certified User AutoCAD

HIGH SCHOOL PLAN OF STUDY	GRADE	Suggested Program of Study					
		CAREER AND TECHNICAL EDUCATION COURSES	ENGLISH (4 Credits)	MATH (4 Credits)	SCIENCE (3 Lab)	SOCIAL STUDIES (3 Credits)	OTHER REQUIRED COURSES
	9	IT31 Introduction to Computer Aided Design and Drafting	EN09 - Freshman English	MA27 - Algebra I	SC09 - Essential Elements of Science	SS22 - World History/ Geography	Practical Art - 1 Credit OR ↓
	10	IT32 Advanced Computer Aided Design	EN47 - Sophomore English	MA30 - Geometry	SC49 - Biology		Fine Arts 1 credit
	11	IT33 Computer Aided Design Special Project	EN48 - Jr. English	MA40 - Algebra II	SC71 - Chemistry	SS35 - American/AZ History	PE - 1 Credit
	12	CT71 Drafting and Design Internship	EN49 - Sr. English	MA45-PreCalculus OR MA42 College Algebra/Trig (Pre-Calculus)		SS51 - Government and SS77 - Principles and Practices of Economics	World Language - 2 Credits university entrance
LEGEND	CTE Program of Study (Meets practical art requirement)		**Dual Enrollment Option - College credit may be available				
	Refer to each university's website for specific admission requirements						
POST SECONDARY	COMMUNITY COLLEGE		UNIVERSITY PROGRAM			TECHNICAL	
	Mesa Community College http://mesacc.edu/high-school/career-pathways		Arizona State University https://webapp4.asu.edu/programs/t5/undergrad			Maricopa Skills Center www.maricopaskillcenter.com/programs/index.html	
	Central Arizona College www.centralaz.edu		Northern Arizona University www.nau.edu			East Valley Institute of Technology www.evit.com/programs/	
	GateWay community College http://www.gatewaycc.edu/programs		University of Arizona www.arizona.edu				
Go to www.mpsaz.org/cte/programs for more information on this and other CTE Programs of Study.							
CAREER PLANNING LINKS				PROFESSIONAL ORGANIZATION LINKS			
MPS Career and Technical Education - www.mpsaz.org/cte				Associated General Contractors of America, Inc. - www.agc.org			
MPS Career Planning System Kuder Navigator - www.mpsaz.org/mymps				National Association of Home Builders, Home Builders Institute - www.hbi.org			
MyMPS - www.mpsaz.org/mymps							