



Associate in Applied Science Degree in Construction Trades Management

GRADE	English/ Language Arts	Math	Science	Phys Ed, Health, Social Studies	Recommended Electives	Related activities to pathway	
8th grade parent / student night							
SECONDARY	9	English I	Algebra I	Earth Science	Physical Education	Exploring Technology Computer Applications I	ICE, Co-op, SkillsUSA
	10	English II	Geometry	Biology I	World Hist/Civil OR Geography	Construction I Career Employment Strategies	
In 10th grade, assess for college readiness by taking the Accuplacer (college placement test).							
POSTSECONDARY	11	English III	Algebra II	Chemistry or Physics or ICP	US History	Vocational Construction Trades Foreign Language	Connecting your high school requirements and interests with higher education!
	12	English IV	*MAT 105 Mathematics for the Applied Sciences	Chemistry or Physics or ICP	Government/Economics	*CTM 124 Building Construction Mtd. 2 (Construction Technology) Foreign Language	
In 11th grade, assess for college readiness by taking the Accuplacer (college placement test).							
2 years at AWC	Courses needed to complete A.A.S in Construction Trades Management Degree					Total Credits	Related activities to pathway
1st Semester	ENG 101	* CTM 124 (completed during high school)	CTM 123: Building Construction Methods 1	ECT 105: Basic Electricity	CTM 105: Blueprint Reading for Construction	17	Work based learning experience, Community service or Service Learning Project
2nd Semester	ENG 102	CTM 110: Construction Estimating	DFT 182: Construction Graphics-Drafting	ECT 115: National Electrical Code	2 credits in Options	16	
3rd Semester	ACR 101: Air Conditioning and Refrigeration 1	*Mat 105 (completed during high school as concurrent enrollment)	PCT 110: Plumbing Blueprints and codes	4 credits in Physical and Biological Sciences	TEC 165: Employee and Occupational Safety	16	Related degree programs
4th Semester	CTM 221: Structural Design and Building Materials	3 credits in Arts/Humanities	CTM 230: Construction Management Field Operations	3 credits in Social and Behavioral Sciences	DFT 185: Intro to Computer Aided Drafting	15	Arizona State University: Concrete Industrial Management, General Building Construction, Heavy Construction, Residential Construction, Specialty Construction
AZ Residents Tuition	\$46 per credit	High School Students \$31 per credit	Notes: Tuition is based on AWC's 07-08 tuition schedule. The level to which an advanced degree is required will vary from one employer/position to the next.			64	
Level of Education		Community College/Technical School		4-yr College or more		Salary Range	
Related Occupations		Mason, Construction Welder, Carpenter, Roofer, Framer		Construction Site Supervisor, Construction Project Manager, Cost Estimator, Architect Drafter		\$27,000-\$70,000 a year	
* Dual Enrollment Course		°Concurrent Enrollment Course		Please see an AWC advisor or consult a current AWC course catalog			