

ARCHITECTURE & CONSTRUCTION

This Architecture & Construction pathway plan serves as a guide to accompany students, parents, and teachers when planning a student's program/pathway of study to meet the needs and interests of the student's Individualized Learning Plan (ILP).

Education Cluster	Grade	English/ Language Arts (4 credits)	Math (4 credits)	Science (3 credits)	Social Studies (2 credits)	PE/Health (2 credits-0.5 credits per year)	Other	SAMPLE occupations related to this pathway
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Academic Graduation Requirements	9	English 9 English 9 H	Algebra I Geometry Geometry H	Physical Science Physical Science H	US History I US History I H	PE/Health 9	Language (Required for 4 yr. college)	Entry Level: -Carpenter Apprentice -Cement Worker -Electrician Apprentice -Roofer -Landscaper -Construction Materials Sales Technical Careers: -Carpenter -Cement/Concrete Finisher -Roofing Contractor -Safety Inspector -Building Surveyor -Heavy Equipment Operator Professional Careers: -Teacher -Building Inspector -Civil Engineer -Estimator/Sales -Construction Business Owner/Manager -Architectural & Engineer Manager ... AND MORE! Explore careers and related salary in Naviance.
	10	English 10 English 10 H	Geometry-Basic Geometry Algebra II Algebra II H College Algebra (RWU)	Conceptual Chemistry Chemistry Chemistry H	US History II US History II H AP US History II	PE/Health 10	Language (Required for 4 yr. college)	
	11	English 11 English 11 H AP Language & Composition Recommended: SAT Prep: Critical reading & Writing	Intermediate Algebra Algebra II Finite Math Pre-Calculus H Statistics AP Statistics College Algebra (RWU) College Pre-Calculus (RWU)	Conceptual Biology Biology Biology H AP Chemistry AP Physics AP Biology	Western Civilization Western Civilization H AP Psychology AP European History AP US Government & Politics AP Macroeconomics	PE/Health 11	Language (Recommended for 4 yr. college)	
	12	English 12 English 12 H AP Language & Composition AP Literature & Composition AP Research	Dependent on chosen pathway/college requirement/student interest	Dependent on chosen pathway/college requirement/student interest	Dependent on chosen pathway/college requirement/student interest	PE/Health 12	Language (Recommended for 4 yr. college)	
CAREER AND TECHNICAL COURSE PROGRESSION					WBL	Certifications		
Program Coursework	9	Introduction to Construction Essentials (1.0 credit)		*Other Courses: -Drafting Technology -Advanced Drafting Technology -Residential Wiring -Advanced Residential Wiring -STEM Junior/Senior Project	All students will earn 80-hours of work- based learning through in school experiences/ course work.	-H.B.I. Certification -OSHA 10 Construction Coursework =4.0 required credits plus 2 certifications.	Students in Construction Technology will participate in the Shed Building Project, our school- based enterprise.	
	10	Construction Essentials I (1.0 credit)						
	11	Construction Essentials II (1.0 credit)						
	12	Construction Technology (1.0 credit)						