

Architecture and Construction

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for Design/Pre-Construction Pathway	SAMPLE Occupations Relating to This Pathway
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>								
SECONDARY	9	English/ Language Arts I	Algebra I	Earth or Life or Physical Science	State History Civics or World History	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Certain local student organization activities such as SkillsUSA are also important including public speaking, record keeping and work-based experiences.	Click here to view the course catalog: https://www.graderesults.com/cte Industry-Based Certification Tests & Preparation Courses	<ul style="list-style-type: none"> ▶ Architect ▶ Building Code Official ▶ Building Designer ▶ Civil Engineer ▶ Code Official ▶ Cost Estimator ▶ Drafter ▶ Electrical Engineer ▶ Electronic Engineer ▶ Environmental Designer ▶ Environmental Engineer ▶ Fire Prevention and Protection Engineer ▶ Industrial Engineer ▶ Interior Designer ▶ Landscape Architect ▶ Materials Engineer ▶ Mechanical Engineer ▶ Regional and Urban Planner/Designer ▶ Safety Director ▶ Specification Writer ▶ Structural Engineer ▶ Surveying and Mapping Technician
	10	English/ Language Arts II	Geometry	Biology	U.S. History			
	11	English/ Language Arts III Technical Writing	Algebra II	Physics	Economics Psychology			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English/ Language Arts IV	Trigonometry Pre-Calculus	Chemistry				
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>								
POSTSECONDARY	Year 13	English Composition English Literature	Algebra Trigonometry	Physics	American Government or History Psychology/ Interpersonal Skills	All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Click here to view the course catalog: https://www.graderesults.com/cte Industry-Based Certification Tests & Preparation Courses	
	Year 14	Speech/ Oral Communication	Business Accounting Pre-Calculus or Calculus	Environmental Science	Sociology Business Law			
	Year 15	Continue courses in the area of specialization.						
	Year 16							