



Construction Management & Inspection

BUSINESS & INDUSTRY ENDORSEMENT

CWHS

2024-25

Grade	CTE Required Courses	Language Arts	Math	Science	Social Studies	Required State Electives
9th	Principles of Construction (1)	English I	Algebra I	Biology	World Geography	Fine Arts (1) Health (.5) Languages Other Than English (LOTE) or Computer Science PE (1 or substitute credit)
10th	Construction Management I (2)	English II	Geometry	IPC or Chemistry	World History	
11th	Construction Management II (2)	English III	Mathematical Model Application or Algebra II	Chemistry or Physics or Principles of Technology	U.S. History	
12th	Practicum in Construction Management (2)	English IV or Research Technical Writing	Algebra II or approved 4th Year Math	Select from approved Advanced Science courses	Government/ Economics	

High School/ Industry Certifications/Performance Acknowledgements	
<i>State Approved</i>	<i>District Approved</i>
NCCER Construction Technology Certification, Core I	Autodesk Auto CAD, Autodesk Auto REVIT, Autodesk Auto Inventor, OSHA 10 General, Six Sigma
Career & Technical Student Organizations: SkillsUSA	

Certificate/ License*	Associate's Degree	Bachelor's Degree	Master's/ Doctoral Professional Degree
Code Enforcement Officer, Texas Department of Health Code Enforcement	Construction Engineering Technology/ Technician	Construction Engineering Technology/ Technician	Materials Engineering
Certified Cost Estimator/ Analyst	Business Administration and Management, General	Business Administration and Management, General	Business Administration and Management, General
Certified Professional Estimator	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Structural Masonry Special Inspector	Business/ Commerce, General	Business/ Commerce, General	Manufacturing Engineering

Occupations	Median Wage	Annual Openings	% Growth
Construction and Building Inspectors	\$53,914	983	17%
Cost Estimators	\$63,939	2,239	21%
Construction Managers	\$87,402	2,401	14%

The Architecture and Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management