



## Program of Study: Construction Technology



Postsecondary/Secondary Partner(s): Trinidad State Junior College / Center High School

Career Pathways: Construction

Education Levels	Grade	Communication	Mathematics	Other Required Academic Courses (i.e. Science, Social Science)	Career and Technical Program Courses	Supplementary Course Recommendations (i.e. world language, entrepreneurship, etc)	Possibilities of careers relating to this Pathway
State Graduation Requirements: (URL to Page) <a href="http://www.cde.state.co.us/postsecondary/graduationguidelines">www.cde.state.co.us/postsecondary/graduationguidelines</a>							
MIDDLE	7	Language Arts 7	Math 7	Science 7, Social Studies 7		Computers, P.E., Band, or Art	Construction/Remodeling Cost Estimator, Construction Worker, Construction Manager, Plumber, Cement Mason & Concrete Finisher, Carpenter, Cabinet Making, CAD
	8	Language Arts 8	Math 8 or Pre-Algebra	Science 8, Social Studies 8		Computers, P.E., Band, or Art	
High /Secondary	9	LA (ELA) I Honors LA (ELA) I	Algebra I	Earth Science, World History/Geography	Pathway Entry: Principles of Construction	Art 1, Foreign Language, PE	
	10	LA (ELA) II Honors LA (ELA) II	Geometry	Biology or Science Choice, US History	Pathway Entry or a Level 2 course: Carpentry Tech	Foreign Language, Art 1, Art 2, PE	
	11	LA (ELA) III Honors LA (ELA) III	Algebra II	Chemistry or Science Choice, Economics	Pathway Entry or a Level 2 or 3 as prerequisites met: Carpentry II	Foreign Language, Art I, Art 2, Junior PWR Class	
	12	LA (ELA) IV Honors LA (ELA) IV	Business Math & Finance, PreCalculus or Algebra III	Chemistry or Science Choice, Government/Civics	Pathway Entry or a Level 2 or 3 as prerequisites met: Level 4 Advanced Woodworking/Carpentry Technology	Foreign Language, Art 1, Art 2, Independent Art, PE, Senior Seminar Class	
13 <sup>th</sup> year (ASCENT, P-TECH or other): As per individual student ICAP Plans for post-secondary							
High school courses in the pathway offered locally for college credit should be coded Concurrent Enrollment with CCNS Prefix and Number TSJC Construction: CAR 100, CAR 103, CAR 133, CAR 105, CAR 115, CAR 136, CAR 125, CAR 140, CAR 130, CAR 155, CAR 153, CAR 150, CAR 160							
<b>List related Industry Certifications/credentials approved and offered locally:</b> <b>Arapahoe Community College:</b> Associates/Certificate - Construction Management <b>Lamar Community College:</b> Associate's Degree/Certificate – Construction Trades <b>Pike's Peak:</b> Certificate - Architecture <b>Red Rocks:</b> Associate's Degree/Certificate – Construction Technology					<b>Additional Learning Opportunities:</b> <b>CTSO organization(s):</b> <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> CCSA <input type="checkbox"/> HOSA <input type="checkbox"/> X SkillsUSA <input type="checkbox"/> TSA <input type="checkbox"/> SC <sup>2</sup>		

<p><b>TJSC:</b> Associate’s Degree/Certificate – Power Construction Supervision  <b>Precision Exams:</b> Certificate per applicable course (Exam Score 80% &amp; skills rubric)</p>	<p><b>Work-based Learning:</b>  X Career Research    <input type="checkbox"/> Cooperative Education    <input type="checkbox"/> Internship    <input type="checkbox"/> Mentorship    X Job Shadowing  <input type="checkbox"/> Service Learning Project    <input type="checkbox"/> Student Apprenticeship    X Industry Certificate / Precision Exams</p>
<p>Postsecondary: Accuplacer placement test  CLEP <a href="https://clep.collegeboard.org/school-policy-search#">https://clep.collegeboard.org/school-policy-search#</a>.  Prior Learning Assessment (PLA) eligibility:  <a href="https://www.cccs.edu/current-students/prior-learning-assessment/student-info/">https://www.cccs.edu/current-students/prior-learning-assessment/student-info/</a>  Acceleration Opportunities:  AP: MAT 121, ENG 121, and Some General Education Electives  IB: MAT 121, ENG 121, and Some General Education Electives</p>	<p><b>Other Graduation Requirements:</b>  X Capstone Project  X Assessment (ACT, SAT, WorkKeys, ASVAB, Locally endorse, Other)  <input type="checkbox"/> ICAP Quality Indicators  <input type="checkbox"/> PWR Competencies</p>

POSTSECONDARY PROGRAMS					
POSTSECONDARY	Industry Certificate	Certificate	Associates Degree	Bachelor’s Degree	Advanced Degree
		NCCER, Construction Management Certification, AIC, PMI, OSHA	Construction Technology/Trades, Architecture,	Construction Management, Power Construction Supervision, Construction Technology, Architecture	Construction Management Electrical Engineer Civil Engineer
Insert Program Requirements for Entry: <a href="http://www.trinidadstate.edu/admissions">http://www.trinidadstate.edu/admissions</a>					

POSTSECONDARY COMMUNITY COLLEGE	Semester	CTE Sequence of Courses	General Education (Sequence of Courses)	
	Year 1 1 <sup>st</sup> Semester	BUS 115 Introduction to Business COM 115 Public Speaking or Interpersonal Communication ENG 115 Technical Writing or above	*Varies by CE credits taken in HS – Options Students may already have OSHA Certificates. HVA 107, CAR 123, CAR 134, CAR 136, CAR 123, CAR 134, CAR 166	
	Year 1 2 <sup>nd</sup> Semester	MAT 107 Career Math PHI 205 Business Ethics 3 credit hours of electives from a list	*Varies by CE credits taken in HS – Options Students may already have OSHA Certificates. HVA 107, CAR 123, CAR 134, CAR 136, CAR 123, CAR 134, CAR 166	
	Year 2 1 <sup>st</sup> Semester			
	Year 2 2 <sup>nd</sup> Semester			

Advanced Degree(s)	University/College: Degree or Major: Number of Articulated CC Credits: <insert link to Articulation Agreements> Alignment to ICAP Process and outcome(if applicable):
	Symbols/Codes: Legend: (this POS is coded for the following) + GT Pathway o ICAP Quality Indicator * Hot career field - PWR Competencies Shown ^ Special Pops/ACE @ AVID ~ Concurrent Enrollment / IB x Badge < AP

**Signatures:**

\_\_\_\_\_ (Postsecondary) \_\_\_\_\_ Secondary \_\_\_\_\_ Date