

NAME _____

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Career Cluster Plan of Study for > Learners > Parents > Counselors > Teacher/Faculty

This Career Cluster Plan of Study (based on the Architecture & Construction Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements, as well as college entrance requirements.

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 Construction Technology	OCCUPATIONS Relating to Construction Technology	
OKLAHOMA CAREER GUIDE INTEREST INVENTORY ADMINISTERED									
SECONDARY	8	<input type="checkbox"/> 8th Grade English	<input type="checkbox"/> Pre-Algebra or Algebra I	<input type="checkbox"/> 8th Grade Science	<input type="checkbox"/> 8th Grade Civics	<input type="checkbox"/> Financial Literacy	<input type="checkbox"/> Adv. Cabinet Construction <input type="checkbox"/> Basic Cabinet Construction <input type="checkbox"/> Basic Finishing Techniques <input type="checkbox"/> Becoming a Crew Leader <input type="checkbox"/> Building Materials, Fasteners, & Adhesives <input type="checkbox"/> Cabinet Installation <input type="checkbox"/> Cabinet Design/Planning & Estimating <input type="checkbox"/> Construction Core <input type="checkbox"/> Counter Tops & Laminates Construction <input type="checkbox"/> Drywall Finishing <input type="checkbox"/> Drywall Installation <input type="checkbox"/> Exterior Finishing <input type="checkbox"/> Floor Systems <input type="checkbox"/> Fundamentals of Cabinetmaking <input type="checkbox"/> General Construction Safety & First Aid <input type="checkbox"/> Installation of Interior Doors <input type="checkbox"/> Inter. Doors & Trim <input type="checkbox"/> Intro. To Window/Ext Doors <input type="checkbox"/> Metal Stud Framing <input type="checkbox"/> Plan Reading & Elevation <input type="checkbox"/> Residential Exterior Trim & Roof <input type="checkbox"/> Roofing Applications <input type="checkbox"/> Roof Framing	<input type="checkbox"/> Stairs <input type="checkbox"/> Thermal & Moisture Protection <input type="checkbox"/> Wall & Ceiling Framing <input type="checkbox"/> Workforce Staging <input type="checkbox"/> Working in the Green Environment	Cabinetmaker Drywall Installer Form Carpenter Frame Carpenter Interior Trim Carpenter Insulation Installer Roofer
	9	<input type="checkbox"/> English/ Language Arts I	<input type="checkbox"/> Algebra I/ Geometry	<input type="checkbox"/> Biology/ Physical Science	<input type="checkbox"/> OK History/ Civics	<input type="checkbox"/> Computer Technology I and <input type="checkbox"/> Computer Technology II			
	10	<input type="checkbox"/> English/ Language Arts II	<input type="checkbox"/> Geometry/ Algebra II	<input type="checkbox"/> Chemistry/ Biology/ Astronomy	<input type="checkbox"/> World History/ European History	Or			
	11	<input type="checkbox"/> English/ Language Arts III	<input type="checkbox"/> Algebra II/ Pre-Calculus/ Trigonometry	<input type="checkbox"/> Physics/Zoology/ Environmental Science	<input type="checkbox"/> US History	<input type="checkbox"/> Foreign Language I and <input type="checkbox"/> Foreign Language II <input type="checkbox"/> Fine Arts or Speech			
	COLLEGE PLACEMENT ASSESSMENT-ACADEMIC/CAREER ADVISEMENT PROVIDED								
12	<input type="checkbox"/> English/ Language Arts IV	<input type="checkbox"/> Pre-Calculus/ Trigonometry/ AP Calculus Statistics/Algebra III	<input type="checkbox"/> AP Science/ Meteorology/ Physiology/ Botany	<input type="checkbox"/> World Geography/ AP History/ Economics					
POSTSECONDARY PROGRAMS AND AAS DEGREES WITH OSUIT									
POSTSECONDARY	13	<input type="checkbox"/> English Comp I/ Technical Writing I	<input type="checkbox"/> College Algebra		<input type="checkbox"/> US History	Computer Literacy (3 hrs) Ethics (3 hrs) Small Group Communications (3 hrs) Speech (3 hrs)	Concrete Construction Construction Blueprints and Specifications Construction Documents and Shop Drawing Review Construction Internship Construction Management Capstone Experience Construction Materials & Procedures Construction Safety Estimating I Estimating II Field Engineering I Field Engineering II Field Engineering III Interior Finishes & Specialties Introduction to Construction Mechanical Systems Principles of Construction Management Project Scheduling Soils in Construction Wall & Roof Systems		
	14	<input type="checkbox"/> English Comp II/ Technical Writing II	<input type="checkbox"/> Trigonometry		<input type="checkbox"/> US Government				
	15								
	16								

*Different requirements may be required at other colleges/universities

*Bachelor's Degree may be available