

NAME _____

- I have an account on Oklahoma Career Guide
- I have updated my resume on Oklahoma Career Guide

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 Computer-Aided Drafting and Design	OCCUPATIONS Relating to Computer-Aided Drafting and Design
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"/> Computer Technology I and <input type="checkbox"/> Computer Technology II Or <input type="checkbox"/> Foreign Language I and <input type="checkbox"/> Foreign Language II <input type="checkbox"/> Fine Arts or Speech	<input type="checkbox"/> Architecture Computer Aided Drafting and Design <input type="checkbox"/> CAD Civil Introduction <input type="checkbox"/> CAD Piping Introduction <input type="checkbox"/> CAD Architectural Level 1 <input type="checkbox"/> CAD Mechanical Level I <input type="checkbox"/> Drawing and Document Management <input type="checkbox"/> Engineering Computer Aided Drafting and Design <input type="checkbox"/> Fundamentals of Computer Aided Drafting and Design <input type="checkbox"/> Material and Equipment Specifications <input type="checkbox"/> Manufacturing Computer Aided Drafting and Design <input type="checkbox"/> Principles of CAD Design <input type="checkbox"/> Workforce Staging *Optional Certifications: American Design and Drafting Association (ADDA)-Basic Drafter, Brainbench	Architectural Firms Computer-Aided Manufacturing Equipment Manufacturing Engineering Firms Petroleum Industry Steel Construction Industry 3-D Modeling and Design
	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			
	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			
	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			
	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 COWLEY COUNTY COMMUNITY COLLEGE								
POSTSECONDARY	13	<input type="checkbox"/> English Comp I/ Technical Writing I	<input type="checkbox"/> Inter Algebra	<input type="checkbox"/> Lab Science		Computer App (3 hrs) Ethics (3 hrs) Public Speaking (3 hrs) Social Science (6 hrs)	An Associate of General Studies degree may be obtained after the completion of 30 hours of college credit (15 of those hours must be at Cowley County Community College) and the completion of Computer-Aided Drafting and Design at Autry Technology Center.	
	14	<input type="checkbox"/> English Comp II						
	15							
	16							

*Different requirements may be required at other colleges/universities *Bachelor's Degree may be available