

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 Transportation 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 Diesel Technology	OCCUPATIONS Relating to Diesel Technology
<b>OKLAHOMA CAREER GUIDE INTEREST INVENTORY ADMINISTERED</b>								
<b>SECONDARY</b>	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"/> Introduction to Diesel <input type="checkbox"/> Preventive Maintenance <input type="checkbox"/> Electrical/Electronics <input type="checkbox"/> Brakes <input type="checkbox"/> Steering and Suspension <input type="checkbox"/> Diesel Engines <input type="checkbox"/> Drivetrains <input type="checkbox"/> Heating & Air Conditioning <input type="checkbox"/> Workforce Staging & Integration	Diesel truck technician Heavy equipment technician Engine overhaul specialist Fuel injection specialist Generator/alternator repair technician Industrial diesel mechanic Service manager Agriculture Equipment Technician Diesel Engine Specialist Energy Sector Equipment Technician
	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			
	<b>COLLEGE PLACEMENT ASSESSMENT-ACADEMIC/CAREER ADVISEMENT PROVIDED</b>							
	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			
<b>POSTSECONDARY PROGRAMS AND DEGREES WITH COWLEY COUNTY COMMUNITY COLLEGE</b>								
<b>POSTSECONDARY</b>	13	<input type="checkbox"/> English Comp 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 Welding Technology 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