

<b>MONTGOMERY COUNTY CLASSIFICATION SPECIFICATION</b>  January 2005	<b>CLASS TITLE:</b> AUTOMOTIVE MECHANIC II	<b>CODE:</b> 52132
	<b>MAJOR AGENCIES:</b> BCC	<b>PAGE</b> <u>1</u> <b>OF</b> <u>2</u>

**CLASS CONCEPT:** Advanced level work involved in the maintenance, repair and overhaul of powered light & heavy duty vehicles, including their gasoline and diesel engines, attached rolling stock and related mechanical, hydraulic, electrical and electronically controlled systems. Performs the material and substantial duties of the classification more than 50% of the time.

RANK	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1	Troubleshoots, repairs or overhauls full range of systems, sub-systems, or major components on light and heavy duty vehicles or equipment such as gasoline or diesel engines, supercharged or turbocharged engines, turbine engines, transmissions, gear reduction systems, planetary gears and power take offs, differentials and transaxles, electronic fuel injection systems, ignition systems, charging and starting systems, emission control systems and related electrical, electronic, hydraulic, fuel and other systems.	<u>Knowledge of</u> 10 (safety practices)*; <u>Skill in</u> 28 (skilled trade--automotive and/or heavy-duty vehicle mechanics), 29 (equipment operation—computer terminal *, hand/power tools, acetylene equipment, arc welder); <u>Ability to</u> 30g (understand system of mechanical or other procedures), 31b (read, copy & record figures accurately), 32i (complete routine forms), 32n (understand manuals & verbal instructions, technical in nature), 33b (sort items into categories according to established methods), 34c (cooperate with co-workers on group projects), 35c (demonstrate strength to lift up to 50 lbs. and demonstrate full range of motion for bending, stooping and lifting).
2	Diagnoses problems and makes repairs that can be accomplished by removing, replacing, adjusting or cleaning defective parts or components. Replaces or repairs components such as sensors, water pumps, spark plugs, brake shoes, mufflers, radiator caps, condensers, engine gaskets, belts and hoses and complete assemblies such as removing old engines and replacing with new engines. Services air conditioning systems, flush radiators, replace antifreeze solutions, align front ends of cars and trucks. Adjusts	<u>Knowledge of</u> 10*; <u>Skill in</u> 28, 29; <u>Ability to</u> 30g, 31b, 32i, 32n, 33b, 34c, 35c.  (*Developed After Employment)

<b>UNUSUAL WORKING CONDITIONS:</b>  Exposed to chemicals, toxic fumes, and fuels; failure or misuse of equipment could cause serious injury.	<b>MINIMUM CLASS REQUIREMENTS:</b> (Including License, If Any)  Valid State of Ohio Driver License with an acceptable driving record. Equivalent to high school diploma, four (4) yrs. within the last six (6) years recent on-the-job experience and training that demonstrates advanced knowledge, skills and abilities in the repair & maintenance of a variety of vehicles or automotive equipment <b>or</b> ASE certification/recertification as an ASE Master Truck Technician <b>-or-</b> ASE certification/recertification as an ASE Master Automotive Technician.	<b>TRAINING &amp; DEVELOPMENT:</b>  Must obtain State of Ohio Class A CDL with appropriate endorsements and pass D.O.T. exam within probationary period if position requires operation of applicable vehicle. Must obtain /retain ASE certification or
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**CLASS CONCEPT:**

<b>RANK</b>	<b>JOB DUTIES</b>	<b>MAJOR WORKER CHARACTERISTICS</b>
	brakes, transmission linkages, engine idle, voltage and control valves, clean or replace filters, screens, batteries, cables and clamps, services gasoline and diesel engines and their related components including heating and cooling devices, fabricates, welds and cuts metal parts using arc welder or acetylene torch or other methods.	
3	Services and repairs vehicles and rolling equipment that becomes inoperative in the field.	<u>Knowledge of 10*</u> ; <u>Skill in 28, 29</u> ; <u>Ability to 30g, 31b, 32i, 32n, 33b, 34c, 35c.</u>
4	Records parts used, repairs and maintenance work done for each vehicle or piece of equipment.	<u>Skill in 28, 29</u> ; <u>Ability to 30g, 31b, 32i, 32n, 33b, 34c.</u>
5	Orders and picks-up repair parts from designated vendors.	<u>Skill in 28, 29</u> ; <u>Ability to 30g, 31b, 32i, 32n, 33b, 34c.</u>
6	Assists in maintaining an orderly, safe, and clean work area.  (Performs Related Duties As Required)	<u>Knowledge of 10</u> ; <u>Skill in 28, 29</u> ; <u>Ability to 30g, 31b, 32i, 32n, 33b, 34c.</u>  (*Developed After Employment)

<b>UNUSUAL WORKING CONDITIONS:</b>	<b>MINIMUM CLASS REQUIREMENTS:</b> (Including License, If Any)	<b>TRAINING &amp; DEVELOPMENT:</b> successfully complete 16 hours of approved job related technical training annually.
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