

NATEF AUTOMOTIVE TASK LIST
AUT 222 – FOUR WHEEL ALIGNMENT

TERM: _____

SID: _____

INSTRUCTOR: _____

NAME: _____

**For every task in Four Wheel Alignment, the following safety requirement must be strictly enforced:
Comply with personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.**

<u>Task Code</u>	<u>Task</u>	<u>Priority</u>
<u>E. Wheel Alignment Diagnosis, Adjustment and Repair</u>		
4.E.1	Diagnose vehicle wander, drift, pull, hard steering, bump steer, memory steer, torque steer, and steering return concerns; determine necessary action.	P-1
4.E.2	Perform pre-alignment inspection and measure vehicle riding height; perform necessary action.	P-1
4.E.3	Prepare vehicle for wheel alignment on alignment machine; perform four-wheel alignment by checking and adjusting front and rear wheel caster, camber and toe as required; center steering wheel.	P-1
4.E.4	Check toe-out-on-turns (turning radius); determine necessary action.	P-2
4.E.5	Check SAI (steering axis inclination)/included angle; determine necessary action.	P-2
4.E.6	Check rear wheel thrust angle; determine necessary action	P-1
4.E.7	Check for front wheel setback; determine necessary action.	P-2
4.E.8	Check front and/or rear cradle (sub-frame) alignment; determine necessary action.	P-3
4.E.9	Reset steering angle sensor	P-2