

**AUTO 121**

**AUTOMOTIVE SERVICE AND MAINTENANCE**

**LAB PRACTICAL**

**FINAL EXAM**

**NAME \_\_\_\_\_ DATE \_\_\_\_\_**

# Station #1

## Tire Machine

Check the balance of the tire mounted on the tire machine. Indicate the amount of weight (oz. or G) and the location of the weight (by letter) for both the inner and outer planes.

**DO NOT ADD WEIGHTS – DO NOT USE ROAD FORCE. BE SPECIFIC**

INNER      Amount \_\_\_\_\_      Location \_\_\_\_\_

OUTER      Amount \_\_\_\_\_      Location \_\_\_\_\_

**Please reset the machine by pushing “R” twice, for the next person**

NOW

Retrieve the following information from the tire.

Tire Tread Depth \_\_\_\_\_

Tread Width \_\_\_\_\_

Aspect Ratio \_\_\_\_\_

Diameter \_\_\_\_\_

Build Date \_\_\_\_\_

Treadwear \_\_\_\_\_

Traction \_\_\_\_\_

Temperature \_\_\_\_\_

Load Rating \_\_\_\_\_

Speed Rating \_\_\_\_\_

Max Inflation Pressure \_\_\_\_\_

# Station #2

## Measurements - Bolts

What is the correct format for describing fastener size? \_\_\_\_\_

### Measure Bolt Sizes – Record In The Correct Format

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

# Station #3

## Vehicle Information

**Use the provided vehicle to answer the questions below.**

1. What is the vehicle make? \_\_\_\_\_

2. What is the vehicle model? \_\_\_\_\_

3. What is the model year of the vehicle? \_\_\_\_\_

4. What is the vehicle's country of origin? \_\_\_\_\_

5. What is the vehicle's build date? \_\_\_\_\_

6. What is the engine size (in liters)? \_\_\_\_\_

7. What is the recommended oil viscosity for the vehicle? \_\_\_\_\_

8. What are the recommended tire pressures for the vehicle?

Front \_\_\_\_\_ Rear \_\_\_\_\_ Spare \_\_\_\_\_

# Station #4

Perform a multi-point inspection on this vehicle using the sheets provided.

This vehicle is already set on the lift for you.

Inspect only / do **NOT** make and adjustments or repairs