

**MEMS 0051 - Introduction to Thermodynamics**  
**Quiz #4**

Name: \_\_\_\_\_

**Problem 1**

Determine the change of specific internal energy of air undergoing a process from 300 to 1,200 K using Table A.7.1.

**Problem 2**

Determine the change of specific internal energy of air undergoing a process from 300 to 1,200 K using Table A.5.

**Problem 3**

Determine the change of specific enthalpy of air undergoing a process from 300 to 1,200 K using Table A.7.1.

**Problem 4**

Determine the change of specific enthalpy of air undergoing a process from 300 to 1,200 K using Table A.5.

**Problem 5**

Determine the change of specific enthalpy of air undergoing a process from 300 to 1,200 K using Table A.6.