ME 200 Thermodynamics 1
Spring 2017 - Exam 1

Circle your instructor’s last name

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INSTRUCTIONS

• This is a closed book and closed notes exam. Equation sheets and all needed tables are provided.
• Significant credit for each problem is given if you identify your system and its boundary, draw the relevant EFD, start your analysis with the basic equations, list all relevant assumptions, and have appropriate units.
• Do not hesitate to ask if you do not comprehend a problem statement. For your own benefit, please write clearly and legibly. You must show your work to receive credit for your answers.
• Do not write on the back of any page because it makes it very easy for grading mistakes to occur. If you need extra paper raise your hand and a proctor will supply it.
• Maximum credit for each problem is indicated below.

IMPORTANT NOTE

The use of PDAs, Blackberry-type devices, cell phones, laptop computers, smart watches or any other sources of communication (wireless or otherwise) is strictly prohibited during examinations. Doing so is cheating. If you bring a smart watch, cell phone, or other communication device to the examination, it must be turned off prior to the start of the exam, placed in your backpack, and the backpack must be stored below your seat. It shall be reactivated only after you leave the examination room for the final time. Otherwise it is a form of cheating and will be treated as such.

SECOND IMPORTANT NOTE

The only calculators allowed for use on this exam are those of the TI-30X series. No others.