

Honors Contract:

MENG 3304 – Thermodynamics II

The student will be required to learn EES (Engineering Equation Solver) which is a general equation-solving program that can numerically solve thousands of coupled non-linear algebraic and differential equations. This software has high a high accuracy thermodynamic and transport property database that is provided for hundreds of substances.

After learning EES, the student will be assigned more advanced thermodynamics problems that would not be suitable for hand calculations. A minimum of one advanced thermodynamics problem will be assigned per chapter.