Engineering Equation Solver (EES) Seminars
Colorado School of Mines

Professors Greg Nellis
University of Wisconsin

gfnellis@engr.wisc.edu
608-265-6626

Introduction to EES:  Tuesday August 28th  9:00 am to 11:00 am  (Room: BB316A)
This session will introduce some of the basic features of EES, including:
  • entering and solving equations,
  • parametric tables,
  • basic plotting,
  • units,
  • arrays and lookup tables,
  • curve fitting and interpolation,
  • thermodynamic and transport property data, and
  • functions and procedures.
This seminar is meant for people with limited to no experience with EES who want to understand how to use the program.

Intermediate Features of EES:  Tuesday August 28th  12:00 pm to 2:00 pm  (Room: BB316A)
This session will introduce additional features of EES that are available in the commercial version, including:
  • strategies for debugging EES programs and ensuring convergence,
  • single- and multi-dimensional optimization and constrained optimization,
  • numerical integration,
  • modules and subprograms,
  • uncertainty propagation,
  • library files
  • the heat transfer library, and
  • complex algebra.
This seminar is meant for people with some experience with EES who want to improve their productivity and understand the software more completely.

Advanced Features of EES:  Wednesday August 29th  8:00 am to 10:00 am  (Room: BB316A)
This session will introduce advanced features of EES that are available in the professional version, including:
  • basic diagram window features,
  • advanced diagram window features,
  • animation,
  • distributables,
  • directives,
  • macros,
  • methods for integrating EES with external programs,
  • additional features based on user interest and specific research problems.
This seminar is meant for people who are proficient with EES and want to use the software for complex problems.