ATFE
Additional Guidelines for Homework Project Reports

Homework will consist of model building assignments directly related to the topics covered each class. The topics chosen have been selected from the instructor's 20+ years of personal experience working with finite element models of industrial problems.

There will be ONE deliverable each week consisting of a brief report summarizing the results of each student's modeling work. The report must contain sufficient information to allow the reader assess the reliability of the of models created by the student AND a folder containing supplementary supporting materials (computer programs, references, etc.).

Each report must contain:

a.- Summary description of the system being simulated
b.- Listing of Governing equations of the phenomenon being simulated and boundary conditions.
c.- Galerkin FE Variational formulation of the problem.
d.- Table of all input data used.
e.- Description of steps involved in creating and verifying the model.
f.- Summary of results, discussion and conclusions.
g.- References

Reports must not exceed 10 pages (including cover page, tables and figures).