

# **ME 345: Modeling and Simulation**

## **Professor Frank Fisher, Department of Mechanical Engineering**

**Note: This assignment is to be submitted via a HARD (PAPER) COPY to Professor Fisher at the beginning of the lecture identified on the Course Website schedule.**

Recall the first week of class, when you were provided a Reading Packet related to ME 345 Course Outcomes:

**Program Outcome 12: (Contemporary and Social Issues) a knowledge of contemporary and social issues in Mechanical Engineering and related fields**

Course Outcome 12-1. You are able to identify how the practice of engineering has changed due to the introduction of new engineering tools

**Program Outcome 13: (Lifelong learning) a recognition of the need for and an ability to engage in lifelong learning and development. (Old Program Outcome 12, ABET 3i)**

Course Outcome 13-1. You are able to utilize software tutorials and other self-study materials to learn how to apply new engineering software tools

**Assignment:** Identify ONE reference which you feel is related to one of the Course Outcomes of the ME 345 course as identified above. Example of appropriate references include a book chapter, professional magazine article, etc. (An online blog could be appropriate in some circumstances; if you are not sure that your source is appropriate please email the instructor for prior approval.) Write a one-page reflection summarizing the article and how it relates to the Course Outcome above.

**Note 1:** One Page refers to 1 inch borders, single spacing, 12 font. Homework submissions flouting these guidelines will be deemed unprofessional and given ZERO credit for the assignment

**Note 2:** You may work in teams to identify an appropriate article; HOWEVER, each student must submit an individual reflection paper based on their own thoughts. Reflection papers that are written as teams will be given ZERO credit for the assignment.

**Note 3:** Plagiarism, both from the source itself and from other students, is a violation of the Honor Code and will be dealt with appropriately.