

Syllabus
SIE367 – Engineering Management II
Spring 2016

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Office Hours: MWF 11:30 am to 1:00 pm, or by appointment

Prerequisite: SIE 265, or consent of instructor

Required Text: *Managing Engineering and Technology*, 6th edition,
by Lucy C. Morse, Daniel L. Babcock

Course Objectives

1. Extend the understanding of engineering economics while developing a sophisticated financial model that evaluates the viability of a manufacturing company.
2. Explore the leadership capabilities required in technology-based organizations.
3. Explore the most typical types of decision making required by leaders in technology-based organizations.
4. Prepare to become effective leaders in technology-based organizations.

D2L Course

This class will use web-based D2L (Desire to Learn) as the primary means of distributing class materials, including assignments. All projects and homework must be uploaded into Dropboxes on or before the due dates. NO LATE ASSIGNMENTS will be accepted. Your grades for all assignments will be available on D2L. You will need a UANet ID to access D2L online. You are expected to check D2L frequently for class information.

Grading

Grades for this course will be determined as follows:

20%	Homework
5%	Quizzes on D2L
15%	Case Study Assignment
20%	Financial Modeling Projects (Following percentages are of the above category) 1 st Year Model- 25% Sales, Mfg, Inventory, & Backlog Estimates- 25% 5 Year model (10 year valuation)- 25% Case Study- 25%
20%	Mid-Term Exam
20%	Final Exam

Final Grades for this course will be computed as follows:

> 90%	A
> 80%	B
> 70%	C
> 60%	D
< 60%	E

We will not raise the percentages required to achieve the above grades. However, we may lower the percentages based on our analysis of class performance.

Note that much of the material that may show up on exams will only be presented in class. It's in your best interest to attend every class.

Class Guidelines

- Please arrive to class on time and turn off all electronic devices.
- Attendance on test days is required. In case of emergency or serious illness, notify your instructor prior to the test.
- No extra credit will be available.
- Always behave in an ethical manner. Treat your classmates, instructor and any guests with respect.
- Students are expected to abide by the University of Arizona Code of Academic Integrity, which may be found at:

<http://studpubs.web.arizona.edu/policies/cacaint.htm>