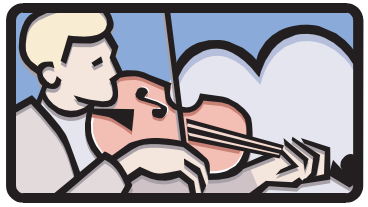
Rules of the Game

Srinivas Palanki



In most matters it is more important that the applicable rule of law be settled than that it be settled right

Louis D. Brandeis

Course Instructor

Course Instructor

Dr. Srinivas Palanki
Email: palanki@eng.fsu.edu
Website: www.eng.fsu.edu/∼palanki

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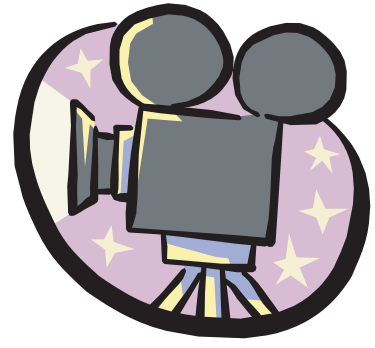

TEXT BOOK

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REFERENCE BOOKS: Textbooks used in (1) Mass & Energy Balances (2) Thermodynamics, (3) Separations Processes, (4) Kinetics & Reactor Design.

Prerequisites for ECH 4604

ECH 3274L	Measurements & Transport Phenomena Lab.
ECH 4267	Advanced Transport Phenomena
ECO 2023	Principles of Microeconomics
Corequisite	ECH 4504 Kinetics & Reactor Design

Prerequisites for ECH 4604

ECH 3274L	Measurements & Transport Phenomena Lab.
ECH 4267	Advanced Transport Phenomena
ECO 2023	Principles of Microeconomics
Corequisite	ECH 4504 Kinetics & Reactor Design

Students not meeting these prerequisites must drop the course.

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Courses for which ECH 4604 is a Prerequisite

ECH 4323	Process Control
ECH 4323L	Process Control Laboratory
ECH 4615	Chemical Engineering Process Design II

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ECH 4323L	Process Control Laboratory
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The above courses are taught only in the spring semester. Students failing ECH 4604 will likely set back their progress towards graduation by one year.

Course Focus

- Part I: Development of Process Flowsheets

Course Focus

- Part I: Development of Process Flowsheets
- Part II: Analysis of Process Flowsheets

Course Focus

- Part I: Development of Process Flowsheets
- Part II: Analysis of Process Flowsheets
- Part III: Equipment Sizing and Costing

Course Focus

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- Part II: Analysis of Process Flowsheets
- Part III: Equipment Sizing and Costing
- Part IV: Analysis of Non-traditional Processes

Course Learning Objectives

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- Students will be able to say that “this is the best engineering course that I have taken”.

All course material will be available on BLACKBOARD.

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Student Teams:

- Students will work on teams of 4 for some (but not all) assignments.
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Grading Weight:

Design Project	40 points
Midterm	25 points
Quizzes & Assignments	35 points

Grading Scale:

85-100	A
70-84	B
50-69	C
40-49	D
less than 40	F

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70-84	B
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70-84	B
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Midterm Exam and Design Project Schedule

October 11, 2004	Midterm
November 15, 2004	Project due

Additional Policies

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- Bonus points policy

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- Bonus points policy
- Downloading lectures
- Computer use during class
- Ethics, professionalism and honor code violations
- Office hours