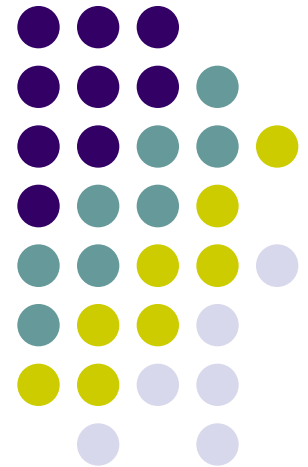


ME 482 – Rapid Product Development and Manufacturing

Content



Mechanical Engineering
University of Gaziantep

Dr. Sadık Olguner



Content of the Course

Chp I – Introduction, Scope and Basic Concepts

Chp II – Fundamentals of New Product Development

Chp III – New Product Development Techniques

Chp IV – Rapid Product Development

Chp V – Measurement Techniques

Chp VI – Rapid Manufacturing



- **Rapid One-of-a-kind Product Development: Strategies, Algorithms and Tools**
Shane Xie and Yiliu Tu
Springer
- **Product Development: A Structured Approach to Consumer Product Development, Design, and Manufacture, 2nd Edition**
Anil Mital, Anoop Desai, Anand Subramanian and Aashi Mital
Elsevier
- **Rapid Manufacturing: An Industrial Revolution for the Digital Age**
N. Hopkinson, R.J.M. Hague and P.M. Dickens
Wiley
- **New Product Development for Dummies**
Robin Karol and Beebe Nelson
Wiley



- 1 **midterm exam** (30%), 1 **project** (30%) and 1 **final exam** (40%).
- **Absolute grading system** will be applied.

<u>Puan</u>	<u>Ders Notu</u>	<u>Katsayı</u>
95-100	AA	4,00
90-94	BA+	3,75
85-89	BA	3,50
80-84	BB+	3,25
75-79	BB	3,00
70-74	CB+	2,75
65-69	CB	2,50
60-64	CC+	2,25
55-59	CC	2,00
50-54	DC	1,50
45-49	DD	1,00
40-44	FD	0,50
<40	FF	0,00
Devamsız	NA	0,00



- Office hours: 10.20-12.00 on Thursdays.

In office hours, you can visit my office or call the office phone.

Address: Mechanical Engineering Department, 4th floor, Room 302.

Phone: +90 342 317 2529