

AD423 • ME396 • MKTG594**Stephen Melamed**, Industrial Design, College of Architecture & Arts

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Course Syllabus	Spring Semester, 2004
Description	The second semester of the Interdisciplinary Product Development course the student teams work to develop a solution to the problem they identified at the end of the first semester. The culmination of spring semester is a look-alike form model together with a functional prototype at a level of detail appropriate to its complexity, together with a marketing plan.
Meetings	Thursdays 2:30-5:00 BSB337 Class will usually adjourn at 4:30, with team meetings 4:30-5:30 in 3316 AAB. Class meeting locations subject to change; check email and the web.
Web Site	http://design.me.uic.edu/IPD
Grading Policy	There are no tests. Grades will be assigned to individuals based on faculty assessment of performance on the group project and on student evaluations of team member performance. Please see the handout on grading from fall semester. There is one amendment to the policy: A portion of the grade (25%) will be based upon timely completion of individual deliverables as agreed upon by the team in weekly meetings.
Week by Week	Topics
1. January 15	Overview of semester: physical product development, consumer research. Tracking individual deliverables (handout). Assignment 6: concept development (due Jan. 29, first draft due Jan. 22) Assignment 7: question development (due Jan. 19 to Prof. Page)
2. January 22	Survey Research Lab visit Team progression throughout a development process; discussion of Team 'Life Cycle.' Assignment 6, preliminary in-class review Assignment 7 (demographics for focus groups) due (Jan. 19)
3. January 29	Benefits-features-specifications Assignment 6 due. Assignment 8: product specification (due Feb. 19) Assignment 9: deliverables for midterm presentation (due Mar. 4)
4. February 5	Focus groups begin this week. Concept cards and quantitative concept testing.
5. February 12	Focus groups continue. All focus group information in by Feb. 12 (discussion)
6. February 19	Assignment 8 due.

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Interdisciplinary Product Development Course

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Course Syllabus - 2	Spring Semester, 2004
Week by Week	Topics
7. February 26	Design reviews with faculty.
8. March 4	Mid-Term Presentations to faculty and Rehco. Assignment 9 due.
9. March 11	Marketing plans and engineering specifications. <ul style="list-style-type: none">• Cascading product specifications to engineering specifications• Mechanical design process• Prototyping (preparing .stl files for FDM machine) Assignment 10: Engineering specifications (due Apr. 1) Assignment 11: Marketing plan draft (due Apr. 1)
10. March 18	Assignment 12: Deliverables for final course presentation (due Apr. 29).
March 25	Spring Break. Enjoy.
11. April 1	Assignments 10 and 11 due. April Fool's Day.
12. April 8	Continued development, teams.
13. April 15	Continued development, teams.
14. April 22	Final design reviews, final preparations for presentation to Rehco.
15. April 29	End-of-year presentations to faculty and Rehco. Form and functional prototypes, marketing plans. Assignment 12 due.