

14:440:378 (Fall, 2016) Sustainable Packaging
Packaging Engineering Program, School of Engineering
Rutgers University – New Brunswick, New Jersey

Instructor: Euihark Lee
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 Office: CoRE 603 (732-445-3224)
 Course Time: Wed 6:40pm ~ 9:30pm
 Office Hour: Wed 2:00pm ~ 3:00pm
 Class Location: ARC-204
 Course Website: <http://sakai.rutgers.edu>

Course Descriptions: This course is focusing sustainable issues in packaging fields. It will provide overall view of sustainability of packaging and address through the implementation of sustainable packaging design. Life Cycle Analysis will be handled to measure the environmental impact of packaging design

Course Schedule:

Week	Description	Assignment
1	Introduction	Assignment 1
2	Sustainable Packaging Coalition P21-P (design sustainability)	Assignment 2
3	Guides for the Use of Environmental Marketing Claims(Green wash)	Assignment 3
4	Global Protocol on Packaging Sustainability 2.0	Assignment 4
5	Life Cycle of Polymer	Assignment 5
6	Life Cycle of other materials	Assignment 6
7	Life Cycle Analysis (Packaging Smart)	
8	Midterm Presentation	Midterm PPT Due
9	LCA Gabi	Assignment 7 Final Paper proposal due
10	No Class	
11	SPC sustainable packaging design guide	Assignment 8
12	Design for recovery 1	Assignment 9
13	Design for recovery 2	Assignment 10
14	Final Project Presentation	Final presentation due

Grading Policy: Attendance & Assginment: 30%
 Midterm: 20%
 Final Project: 20%
 Final Exam: 30%

*** During the semester, there might be some adjustments of assignments, grades, extra credits, etc. Those will be announced on the course website. The "Reference score" in the above table will be adjusted accordingly.