14:440:470 (Fall, 2016) Evaluation Lab
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:

Office Hour: Thursday 4:00pm ~ 5:00pm

Class Location: Packaging Building Room 103 / Engineering Building A209

Course Website: http://sakai.rutgers.edu

Course Descriptions: Computer-Aided Design (CAD) applications of analysis, synthesis and design. Automated drafting. Development of general-purpose functions, components. Hands-on experience on CAD workstations

Course Schedule:

Week	Description	Room
1	Introduction	CoRE 601
2	Measure thickness, moisture contents, basic weight	Packaging Building
3		
4	Burst testing, Puncture testing, ECT	Packaging Building
5		
6	Tear Resistance Test, Folding Endurance, Ply separation	Packaging Building
7		
8	Instron Machine 101	CoRE 601
9	Tensile strength test (Plastic Film)	Eng. Building A209
10		
11	Torque test, Seal Test, ASTM D4833	Eng. Building A209
12		
13	Vacuum Leak Test,	
14		

Grading Policy: Attendance: 40%
Reports 60%

*** 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.