

Name of subject: Packaging and Paper Technology III.	NEPTUN-code: RMWPT3EBNE	Number of hours: <i>lec+gs+lab</i> 1+0+3	Credit: 4 Requirement: practice mark
Course coordinator: László Koltai PhD	Title: associate professor	Prerequisite: Packaging and Paper Technology II.	
Subject content:			
Fundamentals of packaging technology. The aim of packaging, functions, grouping of requirements. Packing agents. Paper-based, glass and plastic packaging materials. Packaging and logistics. Transport packaging, loading units. Packaging and environmental protection. Hungarian legislation, waste utilization. Consumer packaging as an advertising medium.			
Competences to be mastered:			
a) knowledge			
- Knowledge of basic design principles and methods, as well as major production technology procedures and operating processes.			
- Knowledge of the most important basic materials applied in the special area of product design, their production and their application criteria.			
- Knowledge of expectations and requirements prevailing in the areas of health and safety, fire protection and safety engineering as related to the relevant special field, as well as applicable environmental regulations.			
- Knowledge of the most important practical work techniques of their special field.			
b) capabilities			
- Able to explore the causes of failures and to select elimination operations.			
- Able to resolve relatively simple health and safety tasks.			
c) attitude			
- Efforts to solve tasks and make management decisions by being aware of the opinions of the colleagues supervised, possibly in cooperation therewith.			
Bibliography:			
1. Kerekes T. :Bevezetés a csomagolótechnikába I-II, Papír-Press kiadó, 2000.			
2. Tiefbrunner A.: Csomagolás - Trendek és kérdések, COMPLEX KIADÓ KFT, 2010			
3. Papíripari szaklexikon, Papír-Press kiadó, Budapest, 2002			
4. https://elearning.uni-obuda.hu/ electronic notes and aids prepared by the instructor			