

## Tárgytematika / Course Description

### Additional processes in food production

MENB\_ÉTTA005

Tárgyfelelős neve /

Teacher's name: Dr. Kapcsándi Viktória

Félév / Semester: 2022/23/1

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/0/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

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### OKTATÁS CÉLJA / AIM OF THE COURSE

#### Objectives of the course:

The aim of the course is to acquaint students with the possibilities of food packaging. During the semester, they can understand the grouping of packages, the materials of the packages, the forms of packaging.

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### TANTÁRGY TARTALMA / DESCRIPTION

#### Course content:

Week 1: The role of packaging in quality preservation

Week 2: Division and structure of packaging materials

Week 3: Special requirements for packaging materials, requirements for food packaging Week 4: Metal, plastic and glass packaging techniques

Week 5: Vacuum and shielding gas packaging

Week 6: Special packaging technology and technique used in the production of animal products.

Week 7: Goods handling and warehousing knowledge

Week 8: Waste disposal and treatment

Week 9: Utilization of food by - products

Week 10: Waste management in the food industry - plant-based technologies

Week 11: Waste management in the food industry - animal technologies

Week 12: Markings and pictograms on the packaging

*Plus, related practicals*

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### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

#### Requirements:

Attendance at more than 50% of the weekly classes is compulsory. Students must sign their name on the class register. No extra sessions will be provided for missed classes. The signature is a pre-requisite of the exam. There is no possibility for pre-exam. Type of exam: written and oral test. All topics covered during

lectures and practicals will be discussed in the exam. Grading: 1 (fail) to 5 (excellent).

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## KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

### Required and recommended readings:

- Harald Dyckhoff, Ute Finke ( ):Cutting and Packing in Production and Distribution
- Luciano Piergiovanni, Sara Limbo (2016): Food Packaging Materials
- Kit L. Yam (2009): The wiley encyclopedia of packaging technology
- Original research papers and up-to-date reviews published in top-tier scientific journals, *e.g.*, *Packaging Technology and Science*, *Food Packaging and Shelf Life* etc.