



Final exam questions

Subject group name: **Product Modelling**

Neptun code: ZVEGEGENWPM

Credit points: 5

Subject in this subject group:

- **Product Modelling** (BMEGEGINWPM)

Program: Mechanical Engineering, MSc (2N-MW0)

Specialization: Design and Technology

Responsible person:

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You can check the current subject forms at the Educational Portal of the Faculty of Mechanical Engineering.

<https://oktatas.gpk.bme.hu/>

Always check the for updates at edu.gpk.bme.hu before preparing for the exam, especially if the subject group contains at least one subject from your final semester!

Valid from 01 September 2021

Peter T. Zwierczyk, PhD

Assistant professor, lecturer

Questions/Topics

1. Advanced design support.
2. Developments in geometric modelling.
3. Computer-aided conceptual design.
4. Finite Element Modelling.
5. Structural optimization.
6. PDM – PLM.
7. Analysis and simulation.
8. Process of product modelling.