

## Tárgytematika / Course Description Final year project I.

**AJNM\_BMTA042**

**Tárgyfelelős neve /**

**Teacher's name:** dr. Tóth-Nagy Csaba

**Félév / Semester:** 2024/25/2

**Beszámolási forma /**

**Assesment:** Folyamatos számonkérés

**Tárgy heti óraszám /**

**Teaching hours(week):** 0/4/0

**Tárgy féléves óraszám /**

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

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### OKTATÁS CÉLJA / AIM OF THE COURSE

As the closing of their studies the students have to work on an own chosen topic, they have to earn knowledge about the state of the art of the chosen topic. According to the earned knowledge they have to work on a development or improvement related to the topic. The students have to prove their engineering knowledge and thinking methods during the writing the bachelor thesis.

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### TANTÁRGY TARTALMA / DESCRIPTION

The students have to elaborate generally the following subtopics:

- The relevance and introduction of the topic
- Literature research in contact with the project, introduction the state of the art in the chosen content
- Elaboration of the topic, introduction of the used machines, software and equipment
- Introduction of the own results systematically, critical evaluation of the results, confirmation of the necessary engineering decisions
- Summary of the results, conclusion
- Analysation of the further potential in the topic

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

The students have to present their results in every 2-3 weeks with the internal consultant. They also have to discuss the further tasks of the thesis.

The current status of the thesis has to be given in digital form to the internal consultant, which contains at least the result of the literature research in the student's chosen topic.

The thesis has to be uploaded into the system of the library and after that they have to give the thesis in paper

form on the secretary of the Department of Internal Combustion Engines and Propulsion Technology.

All other requirements are present in the rules of the Audi Hungaria Faculty of Automotive Engineering, and of the Department of Internal Combustion Engines and Propulsion Technologies guide for theses.

During the evaluation of the thesis the following factors will be evaluated:

The structure, style and language of the thesis

The process of literature research

Engineering results of the thesis

The practical usability of the thesis

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### **KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL**

- Eco Umberto: Hogyan írjunk szakdolgozatot?
- Majoros Pál: A kutatómódszertan alapjai
- Majoros Pál: Tanácsok, tippek, trükkök, nem csak szakdolgozatíróknak

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### **AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL**