

2011. 05. 23.

Budapesti Műszaki és Gazdaságtudományi Egyetem
Gépészmérnöki Kar
Hidrodinamikai Rendszerek Tanszék
Mechanical Engineering Modelling (MSc)

Budapest University of Technology and Economics
Faculty of Mechanical Engineering
Department of Hydrodynamic Systems
Mechanical Engineering Modelling (MSc)

Final project

I.	<i>Code (kód)</i>	<i>Semester (szemeszter)</i>	<i>Requirements (követelmények)</i>	<i>Credit (kredit)</i>	<i>Language (nyelv)</i>
	BMEGEVGMWD2	s4/a4	lect./sem./lab. (exam / pract. / signat.) 0/16/0 (p)	20	English

2. Responsible person and Department (Tantárgyfelelős személy és Tanszék):

<i>Name (név):</i>	<i>Status (beosztás):</i>	<i>Department (tanszék):</i>
Dr. György Paál	associate professor	Dept. Hydrodynamic Systems

3. Lecturer (A tantárgy előadója):

<i>Name (név):</i>	<i>Status (beosztás):</i>	<i>Department (tanszék):</i>
Dr. György Paál	associate professor	Dept. Hydrodynamic Systems

4. Thematic background of the subject (A tantárgy az alábbi témakörök ismeretére épít):

– The complete MSc study material, Major project

5. Compulsory / suggested pre-requisites (Kötelező/ajánlott előtanulmányi rend):

	<i>Subject name (tárgynév)</i>	<i>Code (tárgykód)</i>
Compulsory pre-requisites	Major project	
Recommended pre-requisites	-	

6. Main objectives of the subject (A tantárgy célkitűzései):

The aim of the course is to develop and enhance the capability for complex problem solving of the students under advisory management of their project leader and advisors. Each student's project is guided by the project leader and depending on the problem - if applicable - by advisor(s).

7. Detailed thematic description of the subject (A tantárgy részletes tematikája):

Steps determined by the project leader: literature survey, writing software or learning the usage of software, designing or building experimental rigs, performing experiments, writing the thesis, etc.

8. Mode of education of the subject (A tantárgy oktatásának módja):

Personal consultation.

9. Requirements (Követelmények):

Doing a quantity and quality of work which is considered sufficient by the project leader. Documentation of the results.

10. Consulting opportunities (Konzultációs lehetőségek):

The project leaders and advisors are available for consultations in personally agreed times.

11. Reference literature (Jegyzet, tankönyv, felhasználható irodalom):

Depends on the project

12. Home study required to pass the subject (A tantárgy elvégzéséhez szükséges tanulmányi munka):

Estimated time for home studies: 20 hours/week.

13. The data sheet and the requirements are prepared by (A tantárgy tematikáját kidolgozta):

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<i>Name (név):</i>	<i>Status (beosztás):</i>	<i>Department (Tanszék):</i>
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