

Requirements, Semester conditions for

DIFFERENTIAL EQUATIONS AND NUMERICAL METHODS

BMETE90MX46
2013/14 2nd semester

Code of the subject:	BMETE90MX46
Contact hours:	4 lectures + 2 tutorials + 0 lab / week
Credit:	8
Evaluation	exam
Prerequisites:	BSc diploma
Semester:	2 nd (in the academic year), 1 st (in the given MSc program)

The subject is compulsory for the students of the Mechanical Engineering Modeling MSc training of the Faculty of Mechanical Engineering
This document contains the planned conditions. The final variant will be accepted by Mid February 2014 taking into account the students' opinion as well.

Requirement for obtaining credits: at least pass (2) exam mark

Conditions for the signature:

- Participation in at least 70% of all classes. (Justified absence will not be counted.) Attendance will be checked regularly.
- 2 home works solved and submitted until the deadlines. A homework is accepted if its grade is higher than 50%. Good home works lead to additional points according to the following rule: 61-70% +1 point, 71-80 + 2, 81-90 +3, above 91 +4, exceptionally good +5.
- 2 midterm tests (March 19, April 30, 2014) graded on scale 0-20% each. The result of both tests must be equal or above 6%.
- Former signatures are graded 12%. They can be renewed / upgraded by fulfillment of the above conditions.

Signatures are valid for 6 semesters.

Repetition possibilities:

- Revised home works can be submitted until Friday 12:00 on the repetition week after the class-period. The revised home works or home works submitted after the original deadline could not be taken into account at additional points. Home works submitted after the original deadline involve late fees.
- 2 repeated tests (7th, 13th week) for students absolving the original one with grade less than 6%.
- 1 more repeated test during the repetition week for students with one less 6% test. Late

fee is applied.

Justification of absences:

- Within 8 days at the lecturer.
-

Exams:

The exams have obligatory written and facultative oral parts:

- The maximum point (%) in the written exam is 60. The subject result will be the sum of the written exam and the term work (described earlier). The mark is determined as follows:

Mark	Points
excellent(5)	85- ...
good(4)	70-84
satisfactory(3)	55-69
pass(2)	40-54
fail(1)	0 - 39

- If the mark calculated by the rule given earlier is at least satisfactory and it is close to a better mark (maximum 5 points are missing), then the student can sit for an oral exam where, the final note can be increased or decreased by one increment.
- For final mark excellent (5) the student must take part at an oral exam.

Others, non described issues will be treated based on the **CODE OF STUDIES AND EXAMS OF BME.**

Budapest, January 16, 2014. Peter Moson