

BME FACULTY OF ARCHITECTURE		DEPARTMENT OF BUILDING CONSTRUCTIONS
SUBJECT	BUILDING CONSTRUCTIONS 2 (BMEEPESA301)	SEMESTER: 2011/ 2012 1 ST
REQUIREMENT: EXAM		YEAR: BSC 2 RD (NEW PROGRAM)
LECTURER: DR. TAKÁCS LAJOS GÁBOR		ASSISTANTS: BÁNDI KEVE KUND, SVÉD MIKLÓS

REQUIREMENTS ON THE SUBJECT

The prerequisites of the subject	<p>Fulfilling all the requirements of the subjects <i>Building Constructions 1 (BMEEPESA201)</i> and <i>Introduction to Structural Design (BMEEPESTA101)</i> are the prerequisites for the student to be accepted for the subject.</p> <p>The semester is graded with a "poor" (1) mark if not all the requirements are completed. If the requirements are not fully completed the subject must be repeated. If the student has a middle level semester project (min. 27 points/ A or B part) can write a request to the Department to accept it.</p>
The paradigm of the tuition	<p>The subject includes lectures and tutorials at which the active participation is compulsory. The tutorials are varied combinations of common workshop exercises and common consultations. The student must have the necessary drawing instruments on him in the class to be able to work. Every student must complete an individual semester project that is improved at home with the help of the common consultations in certain classes.</p>
Regulations for attendance and supplement	<p>The presence at the lectures is mandatory. It will be checked by one question in the beginning of the class about the topic of the previous lecture. The correct answer is worth 1 point. The students must collect at least 7 points to have an accepted presence at the lectures.</p> <p>The active participation at the tutorials is mandatory. The presence will be checked in the end of the class, the satisfactory class work will be checked and graded with 0 or 0,5 point. If the class work is not satisfactory the presence is not accepted.</p> <p>Beyond 30 % absence from the lectures or the tutorials the semester won't be accepted. The reason of the absence won't be examined by the Department.</p>
Mid-term check and supplement	<p>The collected knowledge is checked three times by means of written tests each of max. 45 points during the semester. The poorest one won't be taken into consideration.</p> <p>The workshop exercises don't have to be handed in but they are graded with points (0 or 1) in the end of the class. The individual exercises must be developed at home and may be submitted at the time given in the topics schedule. The student can collect max. 10 points on the constructing and individual exercises. The half of these extra points (max. 5) will be given to the total test result and the other half to the total semester project result.</p> <p>The different parts of the semester project must be shown to the consultant at the occasions given in the topics schedule. Their readiness level will be put down.</p>
Deadline task	<p>The different parts of the semester project must be submitted at the scheduled dates. The mid-term submissions are held in the classroom in the beginning of the pointed tutorial, the final one is held in the Department (the exact hour will be announced later). The semester project has to be completed after 3+3 consultations certified by the instructor (the student must collect the signatures!) The project won't be checked without the original task paper.</p> <p>The unfinished (less than 90 % readiness level) projects are not accepted at the submission. Those who miss the deadline can submit their projects (irrespectively of their readiness level) at the supplementary deadline with paying the extra process fee in advance. The submitted but not accepted (poor quality, non completed) drawings are not given back for correction or completion. No part of the project can be submitted after the deadlines. Those who miss the supplementary deadline lose the semester. If the project is submitted at the supplementary deadline the student gets only 80 % of the points that the project would be worth.</p>

	The consultant has two weeks to check and to grade the semester projects after the submission. The student can't sit for exam during this period.
Requirements on the tutorial result (signature)	<ul style="list-style-type: none"> - Active presence in the tutorials and in the lectures. Less than 30 % absence. - Accepted semester project. Both parts (A; B) must reach the satisfactory level (min. 50 % = 22,5 points). - Three written mid-term tests with satisfactory total test result (min. 50% =) 45 points) together with the extra points for the workshop exercises.
Registration for the exam	<p>Criteria for participation is to have an at least satisfactory tutorial result (min. 45 (tests) + 45 (semester projects) = 90 points).</p> <p>Registration for the exam must be in written form on the registration list in the Department at least 3 days before the exam.</p>
Type of the exam	<p>The exam is written and has two parts. The first part includes several theoretical questions. The second part is to prove the theoretical knowledge in practice namely in two construction exercises. The second part isn't checked if the first part is failed (less than 50 % of the points).</p> <p>It is prohibited to use any aid during the exam. Those neglecting this will be declared failed.</p>
Requirements for an offered mark	<ul style="list-style-type: none"> - The offered mark can be only 5 (excellent). - All the three tests are written. The total test result of them is min. 110 points and none of the tests can be worth less than 30 points. - Both parts of the semester project are submitted at the first deadlines (not at the supplementary ones). - Continuous and high level class work, excellent semester project with creative private work.
Final mark (tutorial mark)	<p>The grading of the student's work goes by a mark that is calculated as follows:</p> <ul style="list-style-type: none"> - The mark is the weighted average of the semester project (25 %), the mid-term tests (25 %) and the final exam result (50 %). - The semester project and the tests are graded with points. - The two better mid-term tests can be worth max. 90 points (45 points both) plus max. 5 extra points of the workshop exercises. Maximum 10 extra points can be collected with a 1:50 scale roof model for the 1st semester project. - The semester project can be worth max. 90 points (plus max. 5 extra points of the constructing and individual exercises) but both parts (A; B) must reach the satisfactory level (min. 50 % of the points). - The exam is written and includes 3 parts for 60 points each. The first part (theoretical questions) must reach at least 30 points (= 50 %). This is a requirement for a successful exam. One of the other two parts (construction exercises) must also reach at least 30 points (= 50 %). Furthermore the successful exam must reach at least 90 points. - The student can get max. 360 points (plus 10 extra – individual exercises, plus 10 roof model). - The change between points and marks is as follows: <ul style="list-style-type: none"> 0 – 189 points 1 (poor) 190 – 219 points 2 (satisfactory) 220 – 259 points 3 (medium) 260 – 299 points 4 (good) >300 points 5 (excellent) - Credit points: 4
Exam repetition	The exam can be repeated once.
Website	http://www.epszerk.bme.hu

The "requirements on the subject" must be used together with the "topics schedule" and the "detailed topics schedule of the practicals".

Budapest, 09. September 2011.