Course Requirements

1. **Class Attendance**
   Attendance is required at all classes.
   Students that will be absent twice or more will not be allowed to sit the exam.
   Classes start at certain times. Those who will be late will not be able to attend the class.
   There is no possibility of changing groups. Students that skip class will not be able to attend with another group.

2. **Classes**
   Each class consists of a theoretical part and a laboratory part (necessary: lab coats, notebooks, **printed lab instructions**).
   There will be a quiz during each class consisting of 5 short questions covering the material of the proceeding lecture.
   Grading: Correct full answer to one question – 1 point
   Maximal amount of points from one test – 5 points

3. **Laboratory experiments**:
   Students will perform 9 experiments. **Students should come prepared** for each lab and know the principles of the experiments that they will be doing. At the beginning of each lab 2-3 random students will be asked about the principles of the experiments and their answers will be graded 0-3.
   Students will also get 0-3 points for each lab report.

4. **Exam**
   At the end of the semester there will be a comprehensive exam, in a form of a test (40 multiple choice questions).
   Grading:
   2 points for each correct answer (60 points maximum)

5. **Final grade**
   A final grade will include the following elements:
   a. weekly tests 6x5 = 30
   b. laboratory work 10x3 = 30
   c. exam 40x2 = 80
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   max total 140

   grading: 129-140 points – grade 5
   117-128 points – grade 4.5
   105-116 points – grade 4
   93-104 points – grade 3.5
   81- 92 points – grade 3
   80 and less - grade 2 (unsatisfactory)

TIMETABLE

Lectures:

1. February 18 Aromatic compounds. Functional groups – selected classes of organic compounds.
2. February 25 Chirality and isomerism.
3. March 4 Carbohydrates
4. March 11 Amino acids, peptides and proteins.
5. March 18 Lipids. Nucleic acids.

Practical classes:

1. Analysis of cations
2. Analysis of anions
3. Analysis of salts
4. Titration of NaOH and acetic acid
5. Titration of potassium dichromate and sodium chloride.
6. Paper chromatography of amino acids. Titration curves of amino acids.