

Organic Chemistry Assessment

Learning outcome	Method of assessment	Assessment criteria
<p>Learning outcome 1. Knows terminology of Organic Chemistry, the main concepts, compounds systematics, nomenclature (IUPAC).</p> <p>Learning outcome 2. Can distinguish the main classes of organic compounds and give them designation by IUPAC.</p> <p>Learning outcome 3. Knows the main types and mechanisms of organic reactions.</p> <p>Learning outcome 4. Knows characteristic reactions of organic compounds, hazardous properties and fields of application.</p> <p>Learning outcome 5. Can predict the basic physical properties and chemical behaviour of organic substances and compile relevant equations in the frames of the studied types of reactions.</p> <p>Learning outcome 6. Can compile</p>	<p>Structured written tests 1, 2, 3. Include the questions with multi-choice, matching and short answers on the theory, the tasks solving and calculation tasks.</p>	<p>Grade 1. Student has acquired 60% of the concepts studied. 50% of calculation tasks have been solved.</p> <p>Grade 2. Student has acquired 80% of the concepts studied. 50% of calculation tasks have been solved.</p> <p>Grade 3. Student has acquired 80% of the concepts studied. 75% of calculation tasks have been solved.</p> <p>Grade 4. The concepts have been acquired in the whole scope. The tasks have been solved, but some inessential mistakes occur.</p> <p>Grade 5. The concepts have been acquired in the whole scope. The tasks have been solved.</p>

<p>equations on the synthesis of organic substances, using genetic bond of substances classes.</p> <p>Learning outcome 7. Is able to solve calculation tasks on the basis of the reactions' equations (initial substance quantities and yield calculation).</p>		
<p>Learning outcome 7. Is able to solve calculation tasks on the basis of the reactions' equations (initial substance quantities and yield calculation).</p> <p>Learning outcome 8. Can assemble the equipment necessary for synthesis and cleaning of organic substances, carry out synthesis and analysis of organic compounds, can work safely in a chemical laboratory</p> <p>Learning outcome 9. Is able to find information about the properties of organic substances, production and fields of application, using different sources.</p>	<p>Laboratory works</p>	<p>Calculations have been made correctly; the works have been carried out, drawn up, submitted and defended.</p>
<p>Learning outcomes 1-7</p>	<p>Exam</p> <p>Written exam consists of theoretical questions</p>	<p>The grade is formed by the following:</p> <p>Grade "1". Student shows all learning outcomes</p>

	<p>by all themes studied and calculation tasks.</p>	<p>at least once and gets 51-60% points of the total sum; Grade "2". 1+ gets 61-70% points of the total sum; Grade „3“. 2+ can explain the main concepts, gets 71-80% points of the total sum; Grade „4“. 3+ can create connections, gets 81-90% points of the total sum; Grade „5“. 4+ shows additional knowledge, adds own comments, gets 91-100% points of the total sum.</p>
<p>Admittance to the exam: test are carried out at least for the grade „1“, laboratory works have been executed, drawn up and defended. Final grade is formed by the following: auditory tests make 45% (each work makes 15 %) and exam makes 55%.</p>		