

METHOD OF ASSESSMENT	ASSESSMENT CRITERIA
<p>Written exam:</p> <p>Theoretical knowledge's supporting the work in area of computer-integrated manufacturing and design is estimated.</p> <p>Course project:</p> <p>Course project is carried out as group work, where the solution of the given task made by certain CAD package is estimated. The complexity and number of components as well as a creative approach will be estimated. Task of the project will be disclosed in the first lecture.</p> <p>Test:</p> <p>The test is carried out in the last exercise to estimate the ability to use learned CAD package. The goal of the test is to estimate student's knowledge of the basic principles of modeling by creation of very simple details and assembly's.</p>	<p><b>Written exam:</b></p> <p>Topics covered in lectures and "labs" are available in the beginning of the semester. The exam includes five questions and exam gives 40% of the final grade.</p> <p><b>Course project:</b></p> <p><i>0 – 50 points</i>– grade 0, (CAD model is incomplete, only very primitive details are used. Sketches of details are undefined and there are many undefined mates in assemblies. The required amount of details and subassemblies are unfilled and the final model does not include all the required components).</p> <p><i>51 – 60 points</i> – grade 1, (CAD model is incomplete, only very primitive details are used. Sketches of details are undefined and there are many undefined mates in assemblies. The required amount of details and subassemblies are unfilled).</p> <p><i>61 – 70 points</i> – grade 2, (CAD model is complete, complicated details has been used, but the structure of the model is incorrect. Many sketches of details are undefined and there are also many undefined mates in assemblies. The required amount of details and subassemblies are filled with required components).</p> <p><i>71 – 80 points</i> – grade 3, (CAD model is complete, complicated details has been used, but the structure of the model is in places incorrect. Sketches of details are mainly defined correctly, some undefined mates in assemblies. The required amount of details and subassemblies are filled with required components).</p> <p><i>81 – 90 points</i>– grade 4, (CAD model is complete and there is strong analogy with real product. Complicated surfaces have been used in model. Single sketches of details are not defined correctly, single undefined mates in assemblies. The required amount of details and subassemblies are filled with required components).</p> <p><i>91 – 100 points</i> – grade 5, (CAD model is complete and there is very strong analogy with real product. Complicated surfaces have been used in model. Sketches of details are defined correctly; mates in assemblies are defined</p>

	<p>correctly. The project has met the requirements of the entire volume.</p> <p><b>Test:</b> In the test it will be assessed definition of details sketches, consistency of details modeling, competence of assembly definition and ability to find necessary information from model. Test is divided into different sections; every section is worth certain amount of points.</p>
<p>PRE-REQUIREMENTS FOR THE EXAM</p>	<p>Active class participation, on schedule submitted course project and successfully passed tests.</p>
<p>FINAL GRADE FORMATION</p>	<p>The final mark grade is determined by :</p> <ul style="list-style-type: none"> <li>• Course project ( KP)</li> <li>• Written exam (KE)</li> <li>• Test(HE)</li> <li>• Presentation (EP)</li> </ul> <p>Points = <math>0,4KP+0,4KE+0,2HE+EP</math></p> <p>Highest possible score to be achieved is 110 points, while presentation of the CAD model at the last lecture gives extra 10 points. CAD models will be presented by the 8 best groups who are notified couple days before the presentation.</p> <p>There is possibility to not take a written exam if tests during the lectures are made successfully. Points from tests will be considered as arithmetical average in final mark grade determination (40% from final mark).</p> <p>Final grade formation:</p> <p>„5“- number of points is 91 ... 110;  „4“- number of points is 81 ... 90;  „3“- number of points is 71 ... 80;  „2“- number of points is 61 ... 70;  „1“- number of points is 51 ... 60;</p>