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| ***Name of subject:***  **Integrated product design I.** | ***NEPTUN-code:*** RTTTT1AENE | ***Number of hours:*** *lec+gs+lab*  0+0+4 | ***Credit:*** 5  ***Requirements:***  practice mark |
| ***Responsible:***  Márta Kisfaludy DLA | ***Title:***  associate professor | ***Prerequisite:***  RTTFO2AENE Form design II. | |
| ***Subject content:*** | | | |
| Consumer needs, survey of habits and market participants, analysis and feedback into planning. Collection of information. By endorsing design principles, solution of simple design tasks individually and in group work. Product modeling, presentation and evaluation.  Establishing the function structure. Creation philosophy. Model families. Aiding design by computers.  Systemdesign ranges from the suggestion of simple problems to more complicated projects.  The course focuses on the preparation of functional prototypes according to the design tasks.  The subject is focused on product development in a team-work, primarily with preparing functional prototypes according to the designs. | | | |
| ***Bibliography:*** | | | |
| 1. Kocsis, J.: Menedzsment műszakiaknak.(2. kiadás) Műszaki könyvkiadó, Budapest, 1996 | | | |
| 2. Iványi, A.-Hoffer, I.: Innovációs és értékelemző módszertan, AULA, Budapest, 1996 | | | |
| 3. Hegedűs, J.: Súlyponteltolódások a termékvilágban – új diszciplínák megjelenése a termékvilágban. | | | |
| 4. <https://elearning.uni-obuda.hu/> electronic notes and aids prepared by the instructor | | | |