

Information sheet for the course
Seminar in Technical Documentation

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| University: <i>Alexander Dubček University of Trenčín</i> | | | | | |
| Faculty: <i>Faculty of special technology</i> | | | | | |
| Course unit code: <i>ŠST/B/4-13/d</i> | | | Course unit title: <i>Seminar in Technical Documentation</i> | | |
| Type of course unit: <i>compulsory</i> | | | | | |
| Planned types, learning activities and teaching methods: <i>2 hours exercise per week</i> | | | | | |
| Number of credits: <i>1</i> | | | | | |
| Recommended semester: <i>1st semester in the 1st year of study /full-time / 1st semester in the 1st year of study /part-time /</i> | | | | | |
| Degree of study: <i>I.</i> | | | | | |
| Course prerequisites: <i>none</i> | | | | | |
| Assessment methods: <i>Final score - credit: 100% active participation in the exercises, duly completed assignment, demonstrate basic knowledge of the subject.</i> | | | | | |
| Learning outcomes of the course unit: <i>The student will acquire a basic overview of the principles of sound technical drawing, learns to show engineering components and acquire basic skills in processing technical construction file.</i> | | | | | |
| Course contents: <i>Displaying a listing. Prescription of quality components and surface treatment. Tolerance and counting them, marking of deviations of form and position. Labelling surface roughness. Orientation in technical standards and technical tables - features, marking, labeling. Drawing bolted. Threads and threaded connection. The connecting pins, pins, cotters, pens. Non-separable connections - welds, rivets, gluing, soldering. Transfers - types, characteristics. Shafts, bearings, springs. Drawing system shaft - bearing - gear.</i> | | | | | |
| Recommended of required reading: <i>NEMČEKOVÁ, M.: Základy strojného inžinierstva I.vyd. - STU Bratislava, SjF STU Bratislava, 2012.</i> <i>SVOBODA, P. a kol.: Základy konstruování. 4.vyd.-Akademické nakladatelství Cerm Brno, 2011.234 s. ISBN 978-80-7204-750-5.</i> <i>MEDVECKÝ, Š. a kol.: Konštruovanie 1. 2. vyd. - EDIS ŽU, Žilina, 2007, 626 s. ISBN 978-80-807-0640-9.</i> <i>MEDVECKÝ, Š. a kol.: Základy konštruovania. EDIS ŽU, Žilina, 1999, 599 s.</i> <i>ČÍLLÍK, L. - BARYSZ, I.: Úvod do konštruovania. Návod na cvičenia. EDIS ŽU, Žilina, 2000,</i> <i>BAJLA, J. a kol.: Strojárske tabuľky, SÚTN Bratislava, 2004, 450 s.</i> <i>VÁVRA, P. a kol.: Strojnícke tabuľky.</i> <i>FIALA, J. a kol.: Strojnícke tabuľky I. , II., III.</i> | | | | | |
| Language: <i>Slovak</i> | | | | | |
| Remarks: <i>The subject is taught in the winter semester of the 1st year of full-time study. Selective subject.</i> | | | | | |
| Evaluation history <i>Total number of students being evaluated: 0</i> | | | | | |
| A | B | C | D | E | FX |
| 0 | 0 | 0 | 0 | 0 | 0 |
| Lecturers: <i>Ing. Peter Čelko, PhD. - assistant of lecturer</i> | | | | | |
| Last modification: <i>15.4.2014</i> | | | | | |
| Supervisor: <i>prof. Ing. Jiří Balla, CSc., guarantee of the study program "Special Mechanical Engineering Technology".</i> | | | | | |