Information sheet for the course

morman	
Seminar on fundam	ientals of engineering mechanics
University: Alexander Dubček Univers	
Faculty: Faculty of special technology	
Course unit code: SaOA/B/4-24/d	Course unit title: Seminar on fundamentals of
	engineering mechanics
Type of course unit: <i>optional</i>	
Planned types, learning activities and	l teaching methods:
Tutorial 2 hour weekly (on-site method)	
Number of credits: <i>1</i>	
Recommended semester: 2 nd semester in	n the 1 st year (full-time)
2^{nd} semester in the 1^{st} year (part-time)	
Degree of study: I. (bachelor)	
Course prerequisites: none	
Assessment methods:	
Final score - credit: 100% active partie	cipation in the exercises, demonstrate basic knowledge in
the course of the semester, timely transp	ferred solved semester homework.
Learning outcomes of the course unit	
The student can analyze factual knowle	edge, principles and processes, general concepts in broad
8 8	is designed especially for non-technical secondary school
graduates. It deals with the fundamenta	uls of statics and kinematics.
Course contents:	
	rehearse listeners calculation: balance beam, a three-
	ces in the plane of the body. Center of gravity, trusses,
	ce in the mechanism. Relative curvilinear motion of a
	of the body. Geometric kinematics of the mechanism.
	s decomposition. The basic decomposition. Calculation
examples as necessary.	
Recommended of required reading:	
ŽIARAN, S.: Technická mechanika Stat	
JANČINA, J Pekárek, F.: Kinematika,	0
BRÁT, V.: Příručka kinematiky s příkla	
	nematiky, návody na cvičenia, Bratislava, Alfa 1988.
Language: Slovak	
Remarks:	
· · · · ·	ster of the first year of full-time study. Selective subject.
Evaluation history	
Total number of students being evaluate	

A	В	С	D	Е	FX		
20.13	15.12	1.48	15.34	32.93	0		
Lecturers: Ing. Lenka Bartošová, PhD tutorial lecturer							
Last modification: 15.4.2014							

Supervisor: prof. Ing. Alexej Chovanec, CSc., guarantee of the study program "Vehicles Maintenance and Repair".