

Course title: Mechanics I

Course Basic Information			
Academic Unit:	Faculty of Civil Engineering		
Course title:	Mechanics I		
Level:	Bachelor		
Course Status:	Compulsory		
Year of Study:	First(I), semester II		
Number of Classes per Week:	2+2		
ECTS Credits:	6		
Time /Location:	According to time table		
Teacher:	Prof.ass.dr. Ragip Hadri		
Contact Details:	Email: ragip.hadri@uni-pr.edu www.fn.uni-pr.edu		
Course Description:			
	Course: Mechanics I include: General knowledges of solid body statics, Space and surface forces system, Body and body system, Lattice girders and methods of methods of rods force calculation, Gravity center and solution of Space linear beams.		
Course Goals:			
	To introduce to students Mechanics problems which shall be basics for professional modules, during study in Civil Engineering Faculty.		
Expected Learning Outcomes:			
	To obtain knowledge on basic problems of Mathematics, Introduction on Mechanics problems, Force and loudness understanding, Body equiliber conditions, of body systems and Lattice girders both in surface and space. Calculation of gravity center of bodies generally, and especially of plain figures		
Student Workload (should be in compliance with student's Learnign Outcomes)			
Activity	Hours	Day/ Week	Total
Lectures	3	15	45
Theory/ Lab Work/Exercises	2	15	30
Practical Work	0	0	0
Consultations with the teaher	1	6	6
Field Work	0	0	0
Test, seminar paper	2	2	4
Homework	1	15	15
Self-study (library or home)	2	15	30
Preparation for final exam	4	4	16
Assessment time (test, quiz, final exam)	2	2	4
Projects, presentations, etc.	0	0	0
Total			150

Teaching Methods:	Lectures, exercises during teaching using the different materials, work groups by 2-3 students in one project (independent work), individual homework.												
Assessment Methods:	<table> <tr> <td>The pass rate of the course is</td> <td>50%.</td> </tr> <tr> <td>Student attendance</td> <td>5%;</td> </tr> <tr> <td>Individual tasks performed in class</td> <td>10%;</td> </tr> <tr> <td>Individual homework</td> <td>10%;</td> </tr> <tr> <td>Assessment from tests</td> <td>25%;</td> </tr> <tr> <td>Final exam</td> <td>50%.</td> </tr> </table>	The pass rate of the course is	50%.	Student attendance	5%;	Individual tasks performed in class	10%;	Individual homework	10%;	Assessment from tests	25%;	Final exam	50%.
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Primary Literature:	[1] Prof. Ass. Dr. Ragip Hadri Mechanics I (Lessons by slides), C.E.&A.F., Prishtinë												
Additional Literature:	[2] Prof. Dr. Fetah Jagxhiu, Mechanics I (lessons), C.E.&A.F., Prishtinë [3] Prof. Dr. Fetah Jagxhiu, Mechanics I (Exercises), C.E.&A.F., Prishtinë												

Designed teaching plan	
Week	Title of the Lecture
Week 1:	INTRODUCTION OF MODULE SYLLABUS
Week 2:	MECHANICS BASICS PRINCIPLES -AXIOMS
Week 3:	CONCURRENT (SEVERAL) FORCES SYSTEM
Week 4:	GENERAL SYSTEMS OF FORCES AND PAR OF FORCES
Week 5:	PLAIN FORCES SYSTEM
Week 6:	STATICAL BEAMS
Week 7:	BODY SYSTEMS
Week 8:	GRAPHICAL STATICS BASICS
Week 9:	LATTICE GIRDERS
Week 10:	BEAM SECTION FORCES
Week 11:	SYSTEM OF SPACE CONCURRENTE FORCES
Week 12:	SPACE SYSTEM FORCES EQUILIBER
Week 13:	SOLID BODIES GRAVITY CENTER
Week 14:	GRAVITY CENTER OF PLAIN FIGURES
Week 15:	SPACE LINEAR BEAMS

Academic Policies and Code of Conduct
<p><i>We start and finish class on time.</i></p> <p><i>Tools used during class must be cleaned and stored away at the end of class.</i></p> <p><i>Mobile/smart phones, and other electronic devices (e.g. iPods) must be turned off (or on vibrate) and hidden from view during class time.</i></p> <p><i>Laptop and tablet computers are allowed for quiet use only; other activities such as checking personal e-mail or browsing the Internet are prohibited.</i></p>

Note | If a student has more than 3 class assignments evaluated below 50% he/she loses the right on taking the final exam. Evaluation is done from 0-100 %.