

**Course title: Introduction to construction engineering and impact in environment**

<b>Module basic data</b>			
<b>Academic unit:</b>	Civil Engineering Faculty		
<b>Module title:</b>	Introduction to construction engineering and impact in environment		
<b>Level:</b>	Bachelor		
<b>Module status:</b>	Mandatory		
<b>Study year:</b>	First(I), semester I		
<b>Weekly hours:</b>	2+0		
<b>Credit value – ECTS:</b>	3		
<b>Time / venue:</b>	9 <sup>15</sup> -11 <sup>00</sup> ; room A 415		
<b>Module professor:</b>	Prof. ass. dr. Hajdar Sadiku		
<b>Contact details:</b>	Email: <a href="mailto:hajdar.sadiku@uni-pr.edu">hajdar.sadiku@uni-pr.edu</a> Tel: +383 44 127773		
<b>Module description</b>	Module: Engineering of construction and impact on the environment includes : General knowledge's on problems to be studied by students, during study in Civil engineering faculty		
<b>Module outcome:</b>	Module targets: To inform students with possibilities of gaining knowledge on study problems of Civil engineering faculty.		
<b>Learning achieved results:</b>	To obtain knowledge on basic problems of Mathematics Introduction on Mechanics problems, on Construction materials and on professional modules. To obtain presentation technics, by presenting results from field exercise.		
<b>Learning activities ( should correlate with student learning outcomes )</b>			
<b>Activity</b>	<b>Hours</b>	<b>Days/week</b>	<b>Totally</b>
Lessons	2	15	30
Practical work	0	0	0
Contact with lecturer/consultation	1	10	10
Field exercise	0	0	0
Colloquiums workshops	1	1	1
Home works	1	8	8
Student individual work time	1	15	15
Final exam preparation	8	1	8
Time on evaluation process (tests quiz final exam )	2	1	2
Projects, presentations	1	1	1
<b>Total</b>			<b>75</b>
<b>Teaching methodology:</b>	<b>Lessons and grouped workshop</b>		
<b>Evaluation methodology:</b>	In evaluation, should be estimated weight of each partial evaluation and its impact on final evaluation. One of the methods is as follows:		

	Homework-Presentation 40% Presence 10% Final exam 50% Total 100%
<b>Literature</b>	
<b>Basic literature:</b>	[1] Prof. Ass. Dr. Hajdar Sadiku Hyrje në Ndërtimtari (lessons), FNA, Prishtinë
<b>Complementary literature:</b>	[2] Prof. Dr. Fetah Jagxhiu, Mekanika I (lessons), FNA, Prishtinë [3] Prof asoc. Dr. Fisnik Kadiu, Construction material technology , FIN, Tiranë [4] Environmental pollution-internet
<b>Learning process plan:</b>	
<b>Week order</b>	<b>Lecture to be developed</b>
<b>First week:</b>	Introduction on module alumni and presentation of Engineering Structures (Buildings)
<b>Second week:</b>	Basic mathematical equations
<b>Third week:</b>	Newton lows and building loads
<b>Fourth week:</b>	Joints and their types
<b>Fifth week:</b>	Static beams
<b>Sixth week:</b>	Structure elements
<b>Seventh week:</b>	Standards
<b>Eighth week:</b>	Construction material
<b>Ninth week:</b>	Building installations
<b>Tenth week:</b>	Impact of high-rise buildings on the Environment
<b>Eleventh week:</b>	Impact of Roads on the Environment
<b>Twelfth week:</b>	Environmental pollution factors
<b>Thirteenth week:</b>	Workshop articles presentation and their discussion
<b>Fourteenth week:</b>	Workshop articles presentation and their discussion
<b>Fifteenth week:</b>	Workshop articles presentation and their discussion
<b>Academic polices and bon sense rules :</b>	
Lecturer defines criteria for viability in lessons and bon sense rules, order of staying, mobile switching off, time ect.	