Course Basic Information			
Academic Unit:	Faculty of Civil Engineering		
Course title:	Solid waste management		
Level:	Bachelor		
Course Status:	Mandatory		
Year of Study:	Third (III)		
Number of Classes per Week:	2+2		
ECTS Credits:	6		
Time /Location:	According to the timetable		
Teacher:	Dr. Anjeza Alaj		
Contact Details:	e-mail: anjeza.alajmurati@uni-pr.edu		
	tel: +383 44 393 384		
Course Description:	Solid Waste Management addresses sustainable and efficient system of solid waste management including development of new technologies and techniques of modern management and implementation of EU directives and standards. It also addresses the methods of recycling / reuse, and disposal of solid waste.		
Course Goals:	Gaining of appropriate knowledge about analysis, planning and sustainable management of solid waste.		
Expected Learning Outcomes:	Students will be equipped with the knowledge for assessments and prevention of pollution and will be instructed to apply the laws, standards and EU directives of solid waste.		
Student Workload (should be in	n compliance w	vith student's Lear	nign Outcomes)
Activity	Hours	Day/ Week	Total
Lectures	2	15	30
Theory/ Lab Work/Exercises	2	15	30
Practical WOrk	1	0	0
Field Work	2	8	0 12
Test seminar naner	3	4	12
Homework	4	4 0	10
Self-study (library or home)	2	10	20
Prenaration for final exam	2	6	10
Assessment time (test quiz final	2	2	18
exam)	2	۷.	
Projects, presentations, etc.	2	2	4
Total			158
Teaching Methods:	Lecture. exerci	ses, field visits and	seminar work
Assessment Methods:	Evaluation methods will be as follows		

Course title : Solid waste management

	First evaluation 25 % Second evaluation 25 % Homework or other commitments 10 % Regular attendance 10 %		
	Total 100 %		
Primary Literature:	 [1] Solid waste management.Amra Serdarevic. University of Sarajevo, Faculty of civil engineering, 2016 [2]. Solid wastes and their treatment. Elmaz Shehu, Tirane,2009 [2] Handbook of Solid Waste Management by, Frank Kreith, George Tchobanoglous 		
Additional Literature:	 [1] Municipal Solid Waste Management, by: Ludwig Christian, Hellweg Stefanie [2] Integrated Solid waste management A Life cycle inventory, by Forbes McDougall 		
Designed teaching plan			
Week	Internation to the course of Solid Maste Management		
Week 2:	Introduction to the course of Solid Waste Management		
Week 3:	Integrated solid waste management		
Week 4:	Types of waste		
Week 5:	Production. Characteristics and reduction of waste sources		
Week 6:	The collection / transportation of waste		
Week 7:	Solide waste properties		
Week 8:	Hazardous waste, treatmant		
Week 9:	Reuse, Recycling and recycling of municipal solid waste		
Week 10:	Biological treatment of solid waste		
Week 11:	Mechanical treatment of solid waste		
Week 12:	Thermal treatment of solid waste		
Week 13:	Management of Engineered Sanitary Landfill. Processes in landfills		
Week 14:	Closure of landfills and monitoring		
Week 15:	Education, training and public awareness		

Academic Policies and Code of Conduct

We start and finish class on time.

Tools used during class must be cleaned and stored away at the end of class.

Mobile/smart phones, and other electronic devices (e.g. iPods) must be turned off (or on vibrate) and hidden from view during class time.

Laptop and tablet computers are allowed for quiet use only; other activities such as checking personal e-mail or browsing the Internet are prohibited.