Course title :

Course Basic Information	
Academic Unit:	Faculty of Civil Engineering
Course title:	WEB Cartography
Level:	Bachelor
Course Status:	Elective
Year of Study:	Year 3, Semester 6
Number of Classes per Week:	2+1
ECTS Credits:	3
Time /Location:	According to the Timetable
Teacher:	Prof.Asoc.Dr. Bashkim Idrizi
Contact Details:	bashkim.idrizi@uni-pr.edu + 383 45 341098

Course Description:	The course starts with necessary settings for web cartography, actual trends of web cartography, modeling geoinformation and web maps. Required space in internet, publication, downloading, cartographic standards for map modeling, interface design etc. The course ends with practical work.
Course Goals:	During this course students will gain knowledge about web cartography and its application. Technology applied is an important part of this curse.
Expected Learning Outcomes:	-Student will become familiar with web cartography -the process of digital/electronic map development -the elements of web maps -methodology and standards for web map development

Student Workload (should be in compliance with student's Learning Outcomes)			
Activity	**Hours**	**Day/ Week**	**Total**
Lectures	2	15	30
Theory/ Lab Work/Exercises	1	15	15
Practical Work			
Study for intermediate test	2	2	4
Consultations with the teaher			
Field Work			
Test, seminar paper	1	5	5
Homework	1	3	3
Self-study (library or home)	1	3	3
Preparation for final exam	2	2	4
Assessment time (test, quiz, final exam)			
Projects, presentations, etc.	1	15	15
Total			**79**

Teaching Methods:	Lectures

	Exercises
	Team work
	Mapping
	Discussion
Assessment Methods:	*Attendance: 5%*
	Seminar: 35%
	First valuation: 10%
	Second Valuation: 10%
	Final Exam: 40%
	Total: 100%

Primary Literature:	Menno Jan Kraak; Alllan Brown: Web Cartography, Taylor and Francis, New York, 2001.
Additional Literature:	http://en.wikipedia.org/wiki/Web_mapping
	http://opengeo.org/products/consulting/cartography/
	http://mapserver.org/

Designed teaching plan

Week	Title of the Lecture
Week 1:	WEB Cartography
Week 2:	Actual trends in cartography
Week 3:	Using maps from internet
Week 4:	Finding and using spatial data
Week 5:	Users of internet maps
Week 6:	Economic aspects of publishing maps in internet
Week 7:	Cartographic principles
Week 8:	Firts Valuation
Week 9:	Systems of cartographic information access
Week 10:	Publishing maps on WEB
Week 11:	Publishing spatial data in internet
Week 12:	Practical aspects of web maps design
Week 13:	Advanced web map modeling
Week 14:	Practical demonstration: publishing a map in internet
Week 15:	Second Valuation

Academic Policies and Code of Conduct

− *Regular attendance of the lectures and excersises*
− *Mobile phones are not allewed*

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