

Course title : Hydrology

Course Basic Information			
Academic Unit:	Faculty of Civil Engineering		
Course title:	Hydrology		
Level:	Bachelor		
Course Status:	Mandatory		
Year of Study:	Compulsory		
Number of Classes per Week:	2+2		
ECTS Credits:	6		
Time /Location:	Acc to time table		
Teacher:	Prof. asoc. dr. Naim Hasani		
Contact Details:	Cel: +383 44 345 508 Naim.hasani@uni-pr.edu		
Course Description:	The HIDROLOGY course learning method consists in holding lectures, leaving the field, and preparing the seminars.		
Course Goals:	Expected Student Outcomes (means the knowledge, skills and skills that the student will gain after the successful completion of this course.To present these achievements, verbs like: din, describe, compare, project, compile, develop, etc.)		
Expected Learning Outcomes:			
Student Workload (should be in compliance with student's Learnign Outcomes)			
Activity	Hours	Day/ Week	Total
Lectures	2	15	30
Theory/ Lab Work/Exercises	2	15	30
Practical Work			
Consultations with the teaher	0.3	10	3
Field Work			
Test, seminar paper	2	15	30
Homework			
Self-study (library or home)	2	15	30
Preparation for final exam	2	10	20
Assessment time (test, quiz, final exam)			
Projects, presentations, etc.	0.5	5	5
Total			148
Teaching Methods:	Lectures, exercises during class using different materials, one project work in group of 2-3 students (independent work), individual homework		
Assessment Methods:	Individual assignments completed in class 30%; Individual assignments completed at home 30%;		

	Exam 40%.
Primary Literature:	<ol style="list-style-type: none"> 1. Dr. Naim Hasani: Ligjëratat dhe ushtrimet e Hidrologjisë 2. B. Shehu dhe K. Karanxha: Hidrologjia Inxhinierike I (Shtëpia botuese e librit Universitar Tirane) 3. Manik: Hidrologie und Wasserwirtschaft
Additional Literature:	<ol style="list-style-type: none"> 1. Prof. Dr. M. Disse: Hydrologie und Wasserwirtschaft I, <p>E gjithë literatura ne perputhje me ligjerata!</p>

Designed teaching plan

Week	Title of the Lecture
Week 1:	Introduction, Definition, Tasks and Hydrology Development,
Week 2:	The water balance and its size,
Week 3:	Hydrometry and meteorological measurements,
Week 4:	Methods and equipment for level measurement and water feeds
Week 5:	Measurement of solid feeds
Week 6:	First Intermediate Evaluation
Week 7:	General knowledge of rivers
Week 8:	Climatic conditions affecting the hydrological regime of rivers
Week 9:	Evaporation Second Intermediate Assessment
Week 10:	Evotranspiration, Measuring Equipment
Week 11:	Methods for Calculation of Evotranspiration
Week 12:	Precipitation, Measuring Equipment
Week 13:	Methods for calculating average rainfall
Week 14:	Use of probability theory and math statistics in hydrology, statistical range and case allocation, histogram distribution of occurrences
Week 15:	Main string and distribution curve parameters Security curve, Probability diagram

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.