

Course Name : Machine Learning							
Course Code	Course Type	Regular Semester	Lecture (hours/week)	Seminar (hours/week)	Lab. (hours/week)	Credits	ECTS
CMP 501	B	Fall	3.00	1.00	0.00	3.50	6.00
Lecturer Artur Koci, PhD							
Assistant Olsi Shehu, MSc							
Course language Albanian							
Course level Master							
Description Machine Learning							
Objectives							
Core Concepts Machine Learning							
Course Outline							
Week	Topic						
1	Machine Learning						
2	Machine Learning						
3	Machine Learning						
4	Machine Learning						
5	Machine Learning						
6	Machine Learning						
7	Machine Learning						
8	Machine Learning						
9	Machine Learning						
10	Machine Learning						
11	Machine Learning						
12	Machine Learning						
13	Machine Learning						
14	Machine Learning						
15	Machine Learning						
16	Final Exam						
Prerequisites		The student must attend the course at a minimum rate of 75%.					
Literature		• Pattern Recognition and Machine Learning, C.Bishop, Springer					
References		• Pattern Recognition and Machine Learning, C.Bishop, Springer					
Course Outcome							
1	Machine Learning						

Course Evaluation			
In-term Studies	Quantity	Percentage	
Midterms	1	30	
Quizzes	0	0	
Projects	1	20	
Term Projects	0	0	
Laboratory	0	0	
Class Participation	0	0	
Total in-term evaluation percent		50	
Final exam percent		50	
Total		100	
ECTS Workload (Based on Student Workload)			
Activities	Quantity	Duration (hours)	Total (hours)
Course duration (Including the exam week: 16x Total hours of the course)	16	4	64
Study hours outside the classroom (Preparation, Practice, etc.)	14	5	70
Duties	1	4	4
Midterms	1	4	4
Final Exam	1	4	4
Other	1	4	4
Total Work Load			150
Total Work Load / 25 (hours)			6.00
ECTS			6.00