

Course Name : Numerical Analysis							
Course Code	Course Type	Regular Semester	Lecture (hours/week)	Seminar (hours/week)	Lab. (hours/week)	Credits	ECTS
CMP 120	B	Spring	3.00	1.00	0.00	3.50	5.00
Lecturer		Enela Mankolli, Msc					
Assistant							
Course language		Albanian					
Course level		Bachelor					
Description							
Objectives							
Core Concepts							
Course Outline							
Week	Topic						
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	Final Exam						

Prerequisites	The student must attend the course at a minimum rate of 75%.		
Literature	• John H.Mathews, Numerical Methods using Matlab, Prentice-Hall International, 2004 • Analyze Numerike, Prof. Dr. Fatmir Hoxha		
References	• Numerical Methods with C++ Programming. NITA H. SHAH PHI Learning Pvt. Ltd., 2008		
Course Outcome			
1	Te kuptuarit te ndryshimit mes zgjidhjes se problemeve me dore dhe duke perdorur kompjuterin		
2	Te kuptuarit te zgjidhjeve te metodave numerike dhe padyshim te pasurit te nje strukture te nje algoritmi		
Course Evaluation			
In-term Studies		Quantity	Percentage
Midterms		1	30
Quizzes		0	0
Projects		0	0
Term Projects		0	0
Laboratory		1	10
Class Participation		1	10
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	4	56
Duties	1	0	0
Midterms	1	0	0
Final Exam	1	0	0
Other	0	0	0
Total Work Load			120
Total Work Load / 25 (hours)			4.80
ECTS			5.00