

COURSE SPECIFICATION

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	Course Title	I Mathematical Analysis I
2.	Originating Department	Department of Mathematics
3.	Course Code	MA101a
4.	Credit Value	5
5.	Course Type	Major Foundational Courses
6.	Semester	Fall
7.	Teaching Language	English & Chinese
8.	Instructor(s), Affiliation & Contact For team teaching, please list all instructors	Fuming Ma Jitao Wu 3 409 huy@sustech.edu.cn 0755-8801-5910 Yong Hu, Department of Mathematics Block 3, Room 409, Wisdom Valley huy@sustech.edu.cn 0755-8801-5910
9.	Tutor/TA(s), Contact	/
10.	Maximum Enrolment () Optional	

1.	(12)	
	Limit of sequences.	12 hours
2.	12	
	Limit and continuity of functions	12 hours
3.	12	
	Derivative of functions and differential	12 hours
4.	Taylor	12
	Differential mean value theorem and Taylor's theorem	12 hours
5.	---	8
	The inverse of derivation----Primitive function	8 hours
6.	I----	8
	Integral I----Integral of functions and its computation	8 hours

18. Textbook and Supplementary Readings

Textbook	
	2012.
Supplementary Readings	
Mathematical Analysis (I,II), Zorich,	1, 2010.

ASSESSMENT

19.

Type of Assessment	Time	% of final score	Penalty	Notes
Attendance		5		
Class Performance		0		
Quiz		15		
Projects		0		
Assignments		10		
Mid-Term Test		30		
Final Exam		40		
		0		

**Final
Presentation**

**Others (The
above may be
modified as
necessary)**

20.

GRADING SYSTEM

A.	Letter Grading
B.	/ Pass/Fail Grading

REVIEW AND APPROVAL

21.

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This Course has been approved by the following person or committee of authority

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