



Ministry of Higher Education and Scientific Research  
Mustansiriyah University /College of Science  
Department of Mathematics  
(الخطة الدراسية للمعاق)  
Course Plan



**Course No.:**

**Course Name:** Calculus I

**Course Website:** ان و اء

**Course Description:**

( 4 credit hours)

The sets, Inequalities, Cartesian plane, The functions, Trigonometric functions, Logarithmic & exponential functions, Limits & Continuity.

**Course Intended Outcomes:**

At the end of the Course, students are expected to learn some skills about the calculus.

**Course Outline:**

Week	Description depends on the Timing table (Theoretical & Practical)
1	The sets
2	Inequalities
3	Intervals
4	Absolute value
5	Domain and Rang
6	Cartesian plane
7	Equations of straight line
8	The functions
9	Operation on functions
10	Trigonometric functions
11	Logarithmic functions
12	The exponential functions
13	Limits
14	Infinite limits
15	Continuity

Textbooks:

[1]: ١٩٦٨ / حسين الفااض والتكامل / تأليف فريدون

Suggested references:

[1]: Thoma's Calculus / By George B. Thomas, Jr./ 1968

Marking:

First Semester				Final Exam
1st exam	2nd exam	Practical	Activity	
10	10	5	5	70

Assignment/ Project	Description	Due Date	Marking
quiz	oral		2
			3

Section: (Chemistry) ; Lecture Room: [ B101 ] ; Office No.: ( 11 )

Instructor's Name: **Dr. Laheeb Muhsen Noman**

E-Mail: [laheeb\\_muhsen@yahoo.com](mailto:laheeb_muhsen@yahoo.com)

Office Hours : Sun.: [ 11 : 50 - 1 : 30 ]

Tue.: [ 10 : 10 - 11 : 50 ]


NOTES:

-Office Hour: Other office hours are available by appointment.

-The content of this syllabus not be changed during the current semester.



Lecturer Signature



Chairman Signature