

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	General Mathematics(1)
Course number	STAT2306
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Revision of main ideas in mathematics
- 2 - Using principles of limits and continuity for different functions
- 3 - Different ways of graphing
- 4 - Introduction to different methods of integration

Intended Learning Outcomes

Knowledge and Understanding	* Knowing different kinds of limits
	* Using different kinds of differentiation in graphing
	* Integration and application in findings areas
Intellectual Skills	* Knowing about natural logarithmic function and exponential function
Professional Skills	* The difference between continuity and discontinuity
General Skill	* Different kinds of differentiation methods
	* Different kinds of integration methods

Course Contents

- 1 - Limits and continuity
- 2 - Derivatives
- 3 - Application of the derivatives
- 4 - Integrals
- 5 - Application of integrals
- 6 - Transcendental functions

Teaching and Learning Methods

- 1 - Lectures
- 2 - Solving different examples and problems
- 3 - Giving some homework

Teaching and Learning Methods for the Disabled Students

1 - Is not applied

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First midterm	middle of the semester	30
attendance and discussion	during the semester	5
Homework	during the semester	5
Final	at the end of the semester	60

Books and References

Course note	Lectures on the board
Essential books	Swokowski.Olinick.Pence. CALCULUS , 6th Edition