



College/Institute/Centre: College of Management and Technology
DEPARTMENT OF: FINANCIAL MANAGEMENT AND ACCOUNTING

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop

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COURSE PARTICULARS

#: ...EB128.....	Title: Mathematics II.....
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SESSION PARTICULARS

#:1...	Title: Limits and rate of change.....	Hrs: 2.....
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
.....1.	Applications on concept of limits
.....2.	Applications on finding limits
.....3.	Applications on change rate
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Prepared by:

Designation

Name Dr. Amr Abd El Aziz

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Date 1/9/2010

Approved by:

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Text book

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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#: .2.....	Title: Definition of derivative.....	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
.....1.	Applications on finding derivative by definition
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COURSE PARTICULARS

#: ...EB128.....	Title: Mathematics II.....
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SESSION PARTICULARS

#: .3.....	Title: Techniques for finding derivatives.....	Hrs: 2.....
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
.....1.	Applications on derivative of a constant
.....2.	Applications on derivative of a polynomial function
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COURSE PARTICULARS


#: ...EB128.....	Title: Mathematics II.....
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SESSION PARTICULARS

#: .4.....	Title: Derivative of products, quotient and chain rule	Hrs: 2.....
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
.....1.	Applications on finding derivative of products
.....2.	Applications on finding derivative of quotients
.....3.	Applications on derivative by chain rule
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COURSE PARTICULARS

#: ...EB128.....	Title: Mathematics II.....
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SESSION PARTICULARS

#:5...	Title: Exponential and logarithmic function derivatives.....	Hrs: 2.....
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
.....1.	Applications on derivative of exponential function
.....2.	Applications on derivative of logarithmic functions
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COURSE PARTICULARS

#: ...EB128.....	Title: Mathematics II.....
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SESSION PARTICULARS

#: .6.....	Title: Continuity and differentiability.....	Hrs: 2.....
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
.....1.	Applications on definition of continuity
.....2.	Applications on determine if a function is continuous or not
.....3.	Applications on definition of differentiability
.....4.	Applications on studying differentiability of a function
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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#: ...8...	Title: Maxima and Minima.....	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
.....1.	Applications on the concept of the maxima and minima of a function
.....2.	Applications on the first derivative rule
.....3.	Applications on the second derivative rule
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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#:9...	Title: applications of maxima and minima in economics and business	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
.....1.	Applications of maxima and minima in economics
.....2.	Applications of maxima and minima in business
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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#:11...	Title: Integration by substitution.....	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
.....1.	Applications on Integration by substitution

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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#:12...	Title: 12 th week exam.....	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
#	Solving the 12 th week exam as model answer
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COURSE PARTICULARS

#: ...EB128.....	Title: Mathematics II.....
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SESSION PARTICULARS

#:13...	Title: Area of the definite integral.....	Hrs: 2.....
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
.....1.	Applications on concept of definite integral
.....2.	Applications on finding definite integral
.....3.	Applications on area under the curve and definite integral
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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#:14...	Title: The fundamental theorem of calculus.....	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
.....1.	Applications on the concept of the fundamental theorem of calculus

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COURSE PARTICULARS	
#: ...EB128.....	Title: Mathematics II.....

SESSION PARTICULARS		
#:15...	Title: Applications of integrals	Hrs: 2.....

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
.....1.	Applications of integral in economics.....
.....2.	Applications of integral in business.....
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