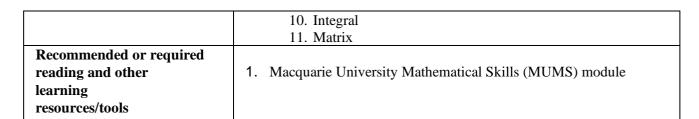


Description of Course Unit

Course unit title	Introduction to Mathematics			
Course unit code	EI 21202			
Type of course unit (compulsory, optional)	Compulsory			
Level	Bachelor of Economic (B.Ec)			
Semester	2			
Number of credits	3			
Name of lecturer(s)	 Diah Setyawati Dewanti, S.E., M.Sc., Ph.D. (ddewanti@umy.ac.id) Fitra Prasapawidya Purna, S.E., M.Sc. 			
Learning outcomes of the course unit	 Students are able to understand basic rules and perform calculations of powers and logarithms. Students are able to understand series rules and apply their use in economics Students are able to understand algebra rules and solve algebra problems Students are able to understand differentiation rules and solve differentiation problems Students are able to understand integral rules and solve ntegral problems Students are able to understand (C2) matrix rules and perform matrix calculation operations (S1, KU1) 			
Mode of delivery (face- to-face, distance learning)	Face-to-face and blended learning			
Prerequisites and co- requisites	All compulsory courses from semester 1-5			
Course content	Introduction Mathematics is the basic course for economists to study concerning quantitative analysis approach. This subject started with practical calculation from mathematics and applied in Economics review. 1. Powers & logarithms 2. Row 3. Introduction to algebra 4. Advanced algebra 5. Algebraic factorization 6. Algebraic solutions 7. Introduction to differentiation 8. Advanced differentiation 9. Differentiation rule			



FAKULTAS EKONOMI DAN BISNIS



Planned learning activities and teaching methods	Tutorial, case study, self-directed study, discovery learning, role play, simulation, focus group discussion, cooperative learning,		
Language of instruction	Indonesian and English for international class		
Assessment methods and criteria	Quiz, assignment, Evaluation Course Learning Outcome (ECLO)		

GRADE	SCORE (%)	PREDICATE	Description	Conversion Value
A	80 ≥	Excellence	Achieve learning outcomes with excellence grade	4
AB	$75 \le AB < 80$	Very Good	Achieve learning outcomes with very good grade	3,5
В	65 ≤ B < 75	Good	Achieve learning outcomes with good grade	3
ВС	$60 \le BC < 65$	Good Enough	Achieve learning outcomes with good enough grade	2,5
С	$50 \le C < 60$	Enough	Achieve learning outcomes with enough grade	2
D	$35 \le D < 50$	Less	Achieve learning outcomes with less grade	1
Е	< 35	Failed	Failure to achieve learning outcomes	0