



Republic of the Philippines  
**MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
 Lapan, Cagayan De Oro City

**COLLEGE OF SCIENCE AND TECHNOLOGY EDUCATION**

**Bachelor of Secondary Education (Mathematics)**  
**Major in Mathematics**  
 Revised 1st sem 2010-2011

SUBJECT CODE	DESCRIPTIVE TITLE	H O U R		U N I T		PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC		
<b>1ST YEAR - 1ST SEMESTER</b>							
MATH10	Fundamentals of Mathematics	0.0	3.0	0.0	3.0	3.0	
MATH16	Plane Geometry	0.0	3.0	0.0	3.0	3.0	
EDU10	The Teaching Profession	0.0	3.0	0.0	3.0	3.0	
ENGL11	Study and Thinking Skills	0.0	3.0	0.0	3.0	3.0	
CHEM10	General Chemistry 1	0.0	3.0	0.0	3.0	3.0	
FIL10	Komunikasyon sa Akademikong Filipino	0.0	3.0	0.0	3.0	3.0	
ENV110	Environmental Science	0.0	3.0	0.0	3.0	3.0	
PE10	Physical Fitness	0.0	2.0	0.0	2.0	2.0	
SS10a	New Constitution	0.0	3.0	0.0	3.0	3.0	
		0.0	26.0	0.0	26.0	26.0	
<b>1ST YEAR - 2ND SEMESTER</b>							
MATH13a	College Algebra	0.0	5.0	0.0	5.0	5.0	MATH10
MATH18	Solid Geometry	0.0	3.0	0.0	3.0	3.0	MATH16
MATH20	Elementary Statistics	0.0	3.0	0.0	3.0	3.0	
EDU20	Child & Adolescent Development	0.0	3.0	0.0	3.0	3.0	
EDU70	Field Study 1 - Learner's Development & Environment	0.0	1.0	0.0	1.0	1.0	EDU20
ENGL12	Developmental Reading 1	0.0	3.0	0.0	3.0	3.0	
ENGL20	Writing Across Disciplines	0.0	3.0	0.0	3.0	3.0	ENGL11
FIL20	Pagbasa at Pagsulat Tungo sa Pananaliksik	0.0	3.0	0.0	3.0	3.0	FIL10
PE20	Rhythmic Activities	0.0	2.0	0.0	2.0	2.0	PE10
MATH18a	Solid Geometry (Residency)	0.0	3.0	0.0	3.0	3.0	
		0.0	29.0	0.0	29.0	29.0	
<b>2ND YEAR - 1ST SEMESTER</b>							
MATH17	Plane Trigonometry	0.0	3.0	0.0	3.0	3.0	MATH13a
MATH23	Advanced Statistics	0.0	3.0	0.0	3.0	3.0	MATH20
EDU40	Facilitating Learning	0.0	3.0	0.0	3.0	3.0	EDU20
EDU71	Field Study 2 - On Being a Teacher	0.0	1.0	0.0	1.0	1.0	EDU10, EDU70
ENGL31	Interactive English: Listening, Speaking & Grammar	0.0	3.0	0.0	3.0	3.0	ENGL20
FIL30	Masining na Pagpapahayag	0.0	3.0	0.0	3.0	3.0	FIL20
PSYC10	General Psychology	0.0	3.0	0.0	3.0	3.0	
BIO11	Biological Science	0.0	3.0	0.0	3.0	3.0	
PE30	Individual & Dual Sports	0.0	2.0	0.0	2.0	2.0	
NSTP10	ROTC/CWTS/LTS 1	0.0	3.0	0.0	3.0	3.0	
NSTP10a	ROTC1	0.0	0.0	0.0	3.0	3.0	
NSTP10b	CWTS 1	0.0	0.0	0.0	3.0	3.0	
		0.0	27.0	0.0	33.0	33.0	

SUBJECT CODE	DESCRIPTIVE TITLE	H O U R		U N I T		PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC		
<b>2ND YEAR - 2ND SEMESTER</b>							
MATH30a	Analytic Geometry	0.0	3.0	0.0	3.0	3.0	MATH18
MATH15	Number Theory	0.0	3.0	0.0	3.0	3.0	
EDU60	Assessment of Student Learning 1	0.0	3.0	0.0	3.0	3.0	
EDU72	Field Study 3 - Experiencing Teaching Learning Process	0.0	1.0	0.0	1.0	1.0	EDU40, EDU71
SS30	General Economics, Taxation & Agrarian Reform	0.0	3.0	0.0	3.0	3.0	
PHYS10a	General Physics 1 - Mechanics and Heat	3.0	3.0	1.0	3.0	4.0	MATH17
NSTP20	ROTC/CWTS/LTS 2	0.0	3.0	0.0	3.0	3.0	NSTP10
PE40a	Team Sports	0.0	2.0	0.0	2.0	2.0	
MATH44	Logic & Set Theory	0.0	3.0	0.0	3.0	3.0	
Educ 41	Principles of Teaching 1	0.0	3.0	0.0	3.0	3.0	EDU40
JEEP 01	English Proficiency Start 01	3.0	3.0	1.0	3.0	4.0	
EDUC41b	Principles of Teaching 1 (Residency)	0.0	3.0	0.0	3.0	3.0	
EDU72b	Field Study 3 - Experiencing Teaching Learning Process (Residency)	0.0	1.0	0.0	1.0	1.0	
		<u>6.0</u>	<u>34.0</u>	<u>2.0</u>	<u>34.0</u>	<u>36.0</u>	
<b>3RD YEAR - 1ST SEMESTER</b>							
MATH90	Instrumentation in Math	0.0	3.0	0.0	3.0	3.0	
MATH32	Differential Calculus	0.0	5.0	0.0	5.0	5.0	MATH30a
MATH52	Abstract Algebra	0.0	3.0	0.0	3.0	3.0	
EDU31	Curriculum Development	0.0	3.0	0.0	3.0	3.0	
EDU42	Principles of Teaching 2	0.0	3.0	0.0	3.0	3.0	Educ 41
EDU61	Assessment of Student Learning 2	0.0	3.0	0.0	3.0	3.0	EDU60
EDU73	Field Study 4 - Learning Assessment Strategies	0.0	1.0	0.0	1.0	1.0	EDU72
ENGL51	Philippine Literature	0.0	3.0	0.0	3.0	3.0	
MATH43	Linear Algebra	0.0	3.0	0.0	3.0	3.0	MATH13a
JEEP 02	English Proficiency Start 02	3.0	3.0	1.0	3.0	4.0	JEEP 01
MATH32c	Differential Calculus (Residency)	0.0	5.0	0.0	5.0	5.0	
		<u>3.0</u>	<u>35.0</u>	<u>1.0</u>	<u>35.0</u>	<u>36.0</u>	
<b>3RD YEAR - 2ND SEMESTER</b>							
MATH34a	Integral Calculus	0.0	5.0	0.0	5.0	5.0	MATH32
MATH80	Mathematical Investigation & Modeling	0.0	3.0	0.0	3.0	3.0	
MATH91	Seminar on Problem Solving in Mathematics	0.0	3.0	0.0	3.0	3.0	
EDU50	Educational Technology 1	0.0	3.0	0.0	3.0	3.0	
EDU74	Field Study 5 - Technology in the Learning Environment	0.0	1.0	0.0	1.0	1.0	EDU73
RES10	Introduction to Educational Research	0.0	3.0	0.0	3.0	3.0	
ENGL54	Culture, Arts & Literature	0.0	3.0	0.0	3.0	3.0	
MATH62	Modern Geometry	0.0	3.0	0.0	3.0	3.0	MATH18, MATH32
JEEP 03	English Proficiency Accelerate 01	3.0	3.0	1.0	3.0	4.0	JEEP 02
MATH80a	Mathematical Investigation & Modeling (Residency)	0.0	3.0	0.0	3.0	3.0	
		<u>3.0</u>	<u>30.0</u>	<u>1.0</u>	<u>30.0</u>	<u>31.0</u>	
<b>4TH YEAR - 1ST SEMESTER</b>							
MATH66	Action Research in Mathematics Education	0.0	3.0	0.0	3.0	3.0	RES10
MATH64	History and Philosophy of Mathematics	0.0	3.0	0.0	3.0	3.0	
EDU30	Social Dimensions of Education	0.0	3.0	0.0	3.0	3.0	
EDU51	Educational Technology 2	0.0	3.0	0.0	3.0	3.0	EDU50
EDU75	Field Study 6 - Exploring the Curriculum	0.0	1.0	0.0	1.0	1.0	EDU31, EDU74
HUM11b	Logic & Ethics	0.0	3.0	0.0	3.0	3.0	
SS20a	Rizal's Life, Works & Writings	0.0	3.0	0.0	3.0	3.0	
MATH36	Probability & Statistics	0.0	3.0	0.0	3.0	3.0	MATH23
ENGL52	World Literature	0.0	3.0	0.0	3.0	3.0	
JEEP 04	English Proficiency Accelerate 02	3.0	3.0	1.0	3.0	4.0	JEEP 03
		<u>3.0</u>	<u>28.0</u>	<u>1.0</u>	<u>28.0</u>	<u>29.0</u>	
<b>4TH YEAR - 2ND SEMESTER</b>							
EDU90a	Student Teaching	0.0	6.0	0.0	6.0	6.0	
EDU91	Seminars on Problems Met	0.0	3.0	0.0	3.0	3.0	
		<u>0.0</u>	<u>9.0</u>	<u>0.0</u>	<u>9.0</u>	<u>9.0</u>	