



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

COLLEGE OF INFORMATION TECHNOLOGY AND COMPUTING

B.S. in Information Technology
Implemented 2015-2016

SUBJECT CODE	DESCRIPTIVE TITLE	H O U R		U N I T		PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC		
1ST YEAR - 1ST SEMESTER							
IT10	IT Fundamentals 1	3.0	3.0	1.0	3.0	4.0	
IT11	Electronics 1	3.0	3.0	1.0	3.0	4.0	
MATH13a	College Algebra	0.0	5.0	0.0	5.0	5.0	
ENGL11	Study and Thinking Skills	0.0	3.0	0.0	3.0	3.0	
FIL11	Sining ng Pakikipagtalastasan	0.0	3.0	0.0	3.0	3.0	
PE10	Physical Fitness	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	
DRWG10a	Fundamentals of Drawing	3.0	1.0	1.0	1.0	2.0	
		<u>9.0</u>	<u>23.0</u>	<u>3.0</u>	<u>23.0</u>	<u>26.0</u>	
1ST YEAR - 2ND SEMESTER							
IT12	IT Fundamentals 2	3.0	3.0	1.0	3.0	4.0	IT10
IT13	Electronics 2	3.0	3.0	1.0	3.0	4.0	IT11
MATH17	Plane Trigonometry	0.0	3.0	0.0	3.0	3.0	MATH13a
ENGL20	Writing Across Disciplines	0.0	3.0	0.0	3.0	3.0	ENGL11
CHEM10a	General Chemistry 1	3.0	3.0	1.0	3.0	4.0	
FIL20	Pagbasa at Pagsulat Tungo sa Pananaliksik	0.0	3.0	0.0	3.0	3.0	FIL11
PE20	Rhythmic Activities	0.0	2.0	0.0	2.0	2.0	PE10
NSTP20	ROTC/CWTS/LTS 2	0.0	3.0	0.0	3.0	3.0	NSTP10
IT13a	Electronics 2 (Residency)	3.0	3.0	1.0	3.0	4.0	
IT12a	IT Fundamentals 2 (Residency)	3.0	3.0	1.0	3.0	4.0	
		<u>15.0</u>	<u>29.0</u>	<u>5.0</u>	<u>29.0</u>	<u>34.0</u>	
2ND YEAR - 1ST SEMESTER							
IT20	Fundamentals of Web Design	3.0	2.0	1.0	2.0	3.0	IT12
IT21	Data Structures and Algorithms	3.0	3.0	1.0	3.0	4.0	IT12
IT22	PC Hardware and Software	3.0	2.0	1.0	2.0	3.0	IT12, IT13
MATH61	Discrete Mathematics	0.0	3.0	0.0	3.0	3.0	MATH17
ENGL30	Speech & Oral Communication	0.0	3.0	0.0	3.0	3.0	
HUM11b	Logic & Ethics	0.0	3.0	0.0	3.0	3.0	
SS10a	New Constitution	0.0	3.0	0.0	3.0	3.0	
CADD10b	Basic CADD	3.0	1.0	1.0	1.0	2.0	DRWG10a
PE30	Individual & Dual Sports	0.0	2.0	0.0	2.0	2.0	PE20
		<u>12.0</u>	<u>22.0</u>	<u>4.0</u>	<u>22.0</u>	<u>26.0</u>	
2ND YEAR - 2ND SEMESTER							
IT23	Systems Analysis and Design	3.0	3.0	1.0	3.0	4.0	IT21
IT24	Operating Systems	3.0	3.0	1.0	3.0	4.0	IT22
IT25	CCNA 1: Networking Basics	3.0	3.0	1.0	3.0	4.0	IT20, IT22
PHYS10a	General Physics 1 - Mechanics and Heat	3.0	3.0	1.0	3.0	4.0	MATH17
ENGL40	Technical Writing & Reporting	0.0	3.0	0.0	3.0	3.0	ENGL20
SS20a	Rizal's Life, Works & Writings	0.0	3.0	0.0	3.0	3.0	
PE40a	Team Sports	0.0	2.0	0.0	2.0	2.0	PE30
		<u>12.0</u>	<u>20.0</u>	<u>4.0</u>	<u>20.0</u>	<u>24.0</u>	

SUBJECT CODE	DESCRIPTIVE TITLE	H O U R		U N I T		PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC		
<u>3RD YEAR - 1ST SEMESTER</u>							
IT30	Database Management 1	3.0	3.0	1.0	3.0	4.0	IT23, IT24, IT25
IT31	Linux Installation and Administration	3.0	2.0	1.0	2.0	3.0	IT23, IT24, IT25
IT32	CCNA 2: Routers and Routing Basics	3.0	3.0	1.0	3.0	4.0	IT23, IT24, IT25
IT33	Computer Interfacing	3.0	3.0	1.0	3.0	4.0	IT23, IT24, IT25
ENV110	Environmental Science	0.0	3.0	0.0	3.0	3.0	CHEM10a
ENGL54	Culture, Arts & Literature	0.0	3.0	0.0	3.0	3.0	
HUM30	Introduction to Philosophy	0.0	3.0	0.0	3.0	3.0	
		<u>12.0</u>	<u>20.0</u>	<u>4.0</u>	<u>20.0</u>	<u>24.0</u>	
<u>3RD YEAR - 2ND SEMESTER</u>							
IT34	Database Management 2	3.0	3.0	1.0	3.0	4.0	IT30
IT35	Object Oriented Programming 1	3.0	3.0	1.0	3.0	4.0	IT20, IT21
IT36	Management Information System	0.0	3.0	0.0	3.0	3.0	IT23, IT30
IT37	CCNA 3: Switching Basics and Intermediate Routing	3.0	3.0	1.0	3.0	4.0	IT31, IT32, IT33
IT38	Elective 1	3.0	3.0	1.0	3.0	4.0	IT30, IT32, IT33
MATH36	Probability & Statistics	0.0	3.0	0.0	3.0	3.0	MATH13a
		<u>12.0</u>	<u>18.0</u>	<u>4.0</u>	<u>18.0</u>	<u>22.0</u>	
<u>3RD YEAR - SUMMER</u>							
IT39	Internship 1	0.0	0.0	0.0	3.0	3.0	IT34, IT36, IT37
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>3.0</u>	<u>3.0</u>	
<u>4TH YEAR - 1ST SEMESTER</u>							
IT40	Project Design/Study	3.0	3.0	1.0	3.0	4.0	IT34, IT35, IT36, IT37
IT41	Object Oriented Programming 2	3.0	3.0	1.0	3.0	4.0	IT34, IT35
IT42	CCNA 4: WAN Technologies	3.0	3.0	1.0	3.0	4.0	IT37
IT43	Elective 2	3.0	3.0	1.0	3.0	4.0	IT34, IT35, IT37
SS13	Philippine History	0.0	3.0	0.0	3.0	3.0	
SS30	General Economics, Taxation & Agrarian Reform	0.0	3.0	0.0	3.0	3.0	
PSYC20	Applied Psychology	0.0	3.0	0.0	3.0	3.0	
		<u>12.0</u>	<u>21.0</u>	<u>4.0</u>	<u>21.0</u>	<u>25.0</u>	
<u>4TH YEAR - 2ND SEMESTER</u>							
IT44	Project Implementation	6.0	3.0	2.0	3.0	5.0	IT40, IT41, IT42, IT43
IT45	Internship 2	0.0	0.0	0.0	3.0	3.0	IT40, IT41, IT42, IT43
IT46	Field Trips/Seminars	0.0	1.0	0.0	1.0	1.0	IT40, IT41, IT42, IT43
		<u>6.0</u>	<u>4.0</u>	<u>2.0</u>	<u>7.0</u>	<u>9.0</u>	