



TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES  
363 P. Casal St. Quiapo, Manila

COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV =  
ISO 9001 =

**CURRICULUM LEADING TO THE DEGREE OF  
MASTER IN INFORMATION TECHNOLOGY  
EFFECTIVE SECOND SEMESTER OF SY 2020 – 2021**

Catalog	No.	Descriptive Title	Hours/Week		Credit
			Lec	Lab	
<b>REMEDIAL COURSES (12 UNITS)</b>					
MITRC	012L1	Data Structures and Algorithms	2	3	(3)
MITRC	023	Discrete Mathematics	3	0	(3)
MITRC	032L1	Computer Organization and Systems Programming	2	3	(3)
MITRC	043	Introduction to Operating Systems	3	0	(3)
<b>CORE COURSES (15 UNITS)</b>					
MITBC	113	Advanced Data Structure and Algorithm Analysis	3	0	3
MITBC	123	Data Warehousing and Data Mining	3	0	3
MITBC	153	Methods of Research with Statistics	3	0	3
MITMC	263	Software Systems Analysis and Database Design	3	0	3
MITMC	273	IT Project Management	3	0	3
<b>ELECTIVE COURSES (9 UNITS)</b>					
MITMC	213	Advanced Computer Architecture	3	0	3
MITMC	233	Computer System Evaluation and Performance	3	0	3
MITMC	243	Distributed Computer Systems	3	0	3
MITELEC	213	Computer Network Technology	3	0	3
MITELEC	323	Information Technology Issues and Seminars	3	0	3
PSMDSSC	103	Applied Machine Learning	3	0	3
MITELEC	101	Special Topics	3	0	3
<b>CAPSTONE COURSES (6 UNITS)</b>					
MPCP	101	Capstone Project 1	3	0	3
MPCP	102	Capstone Project 2	3	0	3

**TOTAL = 30 (12) UNITS**