



TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
938 Aurora Blvd. Cubao Quezon City

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	
REMEDIAL COURSES (12 UNITS)					
MITRC	012L1	Data Structures and Algorithms	2	3	(3)
MITRC	023	Discrete Mathematics	2	3	(3)
MITRC	032L1	Computer Organizations and Systems Programming	2	3	(3)
MITRC	043	Introduction to Operating System	2	3	(3)
CORE COURSES (15 UNITS)					
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 System Analysis and Database Design	3	0	3
MITMC	273	IT Project Management	3	0	3
ELECTIVE COURSES (9 UNITS)					
MITADEL	223	Multimedia Systems Development	3	0	3
MITADEL	233	Application Development	3	0	3
MITADEL	243	Mobile Application Development	3	0	3
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	101	Special Topics	3	0	3
MITELEC	213	Computer Network Technology	3	0	3
MITELEC	323	Information Technology Issues and Seminars	3	0	3
MITNSEL	343	IT Security and Risk Management	3	0	3
MITNSEL	353	IT Security Policies and Procedures	3	0	3
PSMDSSC	103	Applied Machine Learning	3	0	3
CAPSTONE COURSES (6 UNITS)					
MITCP	413	Capstone Project 1 (Prerequisite: Comprehensive Exam)	3	0	3
MITCP	423	Capstone Project 2	3	0	3

TOTAL = 30 (15) UNITS