



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 OF ENGINEERING WITH SPECIALIZATION IN ELECTRONICS ENGINEERING
EFFECTIVE SECOND SEMESTER OF SY 2020 – 2021**

Catalog	No.	Descriptive Title	Hours/Week		Credit
			Lec	Lab	
CORE COURSES (9 UNITS)					
MERC	111	Engineering Analysis	3	0	3
MERC	112	Research Techniques with Statistical Methods	3	0	3
MERC	113	Advanced Optimization Theory and Methods	3	0	3
SPECIALIZATION COURSES (9 UNITS)					
MECC	152	Information Theory and Coding Techniques	3	0	3
MECC	153	Network Architecture	3	0	3
MECC	154	Advanced Digital Signal Processing and Filtering	3	0	3
ELECTIVE COURSES (6 UNITS)					
MEEC	111	Management of Technology	3	0	3
MEEC	112	Special Topics	3	0	3
MEEC	114	Network Security Systems Design	3	0	3
MEEC	115	Artificial Intelligence	3	0	3
MEEC	116	Advanced Project Management	3	0	3
MEEC	131	Advanced Computer System Architecture	3	0	3
MEEC	151	Computational Intelligence	3	0	3
MEEC	152	Neural Networks	3	0	3
MEEC	153	Machine Vision and Image Processing	3	0	3
MEEC	154	Advanced Wireless Communications	3	0	3
MECC	151	Advanced Mathematics for ECE	3	0	3
CAPSTONE COURSES (6 UNITS)					
MECP	200	Capstone Project 1 (Prerequisite: Comprehensive Exam)	3	0	3
MECP	201	Capstone Project 2	3	0	3

TOTAL = 30 UNITS