	EASTERN VISAYAS STATE UNIVERSITY Tacloban City		
	Title of Form: **MASTER IN ENGINEERING**	Control No.	EVSU-GS-F-031
		Revision No.	0
		Date	

_____ **Student Number: _____**

Name of Student **Date of Entrance: _____**

FOUNDATION COURSES (12 units)	**DESCRIPTIVE TITLE**	**UNITS**	
MEP 201	Advance Engineering Math I *	3	___/_____
MEP 205	Probability and Statistical Concepts in Engineering Design *	3	___/_____
MEP 207	Computer Programming *	3	___/_____
MEP 212	Project Planning and Control *	3	___/_____
MEP 213	Foundation in Education (M. Eng'g. Ed.)	3	___/_____

REQUIRED/CORE COURSES (12 units)

MEP 202	Numerical Methods *	3	___/_____
MEP 203	Energy Conservation and Management	3	___/_____
MEP 204	Environmental Impact Assessment *	3	___/_____
MEP 206	Non-Conventional & Renewable Energy System	3	___/_____
MEP 210	Advance Fluid Mechanics	3	___/_____
MEP 211	Environmental Chemistry	3	___/_____
MEP 304	Advance Engineering Math II	3	___/_____

*Required for all major courses in M. Eng'g. and M. Eng'g. Ed.

ELECTIVE COURSES (6 units in any of the following courses)

Choice of subjects from core and/or major-related course upon approval from the department chairman and/or program adviser.

PROJECT

MEP 300	Special Problems * (Must have completed 9 units Foundation courses and 9 units core courses)	3	___/_____
MEP 400	Project *	3	___/_____

MAJOR FIELD-RELATED COURSES (12 units)

CIVIL ENGINEERING

MEP 311	Advance Hydrology	3	___/_____
MEP 312	Open Channel Hydraulics	3	___/_____
MEP 313	Groundwater I	3	___/_____
MEP 315	Matrix Structural Analysis	3	___/_____
MEP 316	Prestressed Concrete	3	___/_____
MEP 317	Urban Planning	3	___/_____
MEP 318	Advanced Mechanics of Materials	3	___/_____
MEP 319	Discrete Methods of Structural Analysis	3	___/_____
MEP 414	Urban Drainage	3	___/_____
MEP 415	Dynamics Structural	3	___/_____
MEP 416	Advance Design of Concrete Structures	3	___/_____
MEP 417	Advance Design of Steel Structures	3	___/_____
MEP 418	Foundation Engineering	3	___/_____

MECHANICAL ENGINEERING

MEP 331	Heat Conduction and Radiation	3	___/_____
MEP 332	Convective Heat and Mass Transfer	3	___/_____
MEP 333	Combustion Engineering	3	___/_____
MEP 334	Advance Thermodynamics	3	___/_____
MEP 431	Design and Optimization of Thermal System	3	___/_____
MEP 432	Thermal Environmental Engineering	3	___/_____
MEP 433	Control of Thermal Energy System	3	___/_____
MEP 434	Energy Systems Modeling an Design	3	___/_____
MEP 435	Fuels and Heat Power	3	

ELECTRICAL ENGINEERING

MEP 341	Computer Network	3	___/_____
MEP 342	Digital Signal Processing	3	___/_____
MEP 343	Modern Development in Digital Circuits	3	___/_____
MEP 344	Information Theory and Coding	3	___/_____
MEP 345	Modern Control Systems	3	___/_____
MEP 441	Computer Architecture	3	___/_____
MEP 442	Object-oriented Programming	3	___/_____
MEP 443	Digital Machine Design	3	___/_____
MEP 444	Machine Fundamentals of Artificial Intelligence	3	___/_____
MEP 445	Control System Theory	3	___/_____
MEP 446	Robotics	3	___/_____
MEP 447	Communications Eng'g. Protocol and Coding	3	___/_____
MEP 448	Data Gathering and A/D, D/A Conversion	3	___/_____

COMPREHENSIVE EXAMINATION _____

Evaluated by: _____
Date: _____