

GRADUATION AUDIT FORM

MKEM: Master of Engineering (Mechatronics and Automatic Control)
Total Credits to Graduate: 43

Student Name : _____
 NRIC/Passport/Matric No : _____
 Semester (Starts & Final) : _____ No. of Semester: _____

FACULTY COMPULSORY ~ 12 CREDITS (4 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MKEM 1753	Advanced Instrumentation & Measurement	3		
2	MKEM 1833	Linear System Theory	3		
3	MKEM 1853	Discrete-Time & Computer Controlled System	3		
4	MKEM 1863	Design of Microprocessor-Based Mechatronic Systems	3		

FACULTY ELECTIVES ~ 12 CREDITS (4 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MKEM 1713	Artificial Intelligence	3		
2	MKEM 1723	Advanced Process Control	3		
3	MKEM 1733	Adaptive & Self Tuning Control	3		
4	MKEM 1743	Modeling & Simulation of Dynamical Sys.	3		
5	MKEM 1763	System Identification & Estimation	3		
6	MKEM 1773	Multivariable & Optimal Control Systems	3		
7	MKEM 1783	Nonlinear & Robust Control Systems	3		
8	MKEM 1793	Industrial Automation	3		
9	MKEM 1823	Advanced Robotics	3		
10	MKEM 1843	Advanced Digital Control	3		
11	MKEM 1873	Real-Time Control System Design	3		
12	MKEM 1883	Autonomous Mobile Robotics	3		
13	MKEM 1893	Special Topic in Control Engineering	3		
14	MKEM 1913	Mechatronic Design	3		
15	MKEM 1923	Sensor and Actuator	3		

FREE ELECTIVE FROM MKEL/MKEM/MKEP/MKET~ 3 CREDITS (1 COURSE)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1			3		

MASTER'S PROJECT ~ 10 CREDITS (2 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MKEM 1814	Research Project Proposal	4		
2	MKEM 1826	Research Project Report	6		

FACULTY/UNIVERSITY COMPULSORY ~ 6 CREDITS (2 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MKEU 0013	Introduction to Research Methodology in Electrical Eng.	3		
2	Uxxx xxx3	Non-Technical Subject	3		

Total Credit Obtained (KD) : _____ CPA: _____
 Total Credit Transfer (KP) : _____

Check By: _____ Certified By: _____