



DEPARTMENT OF MECHANICAL ENGINEERING

CONTROLS

CERTIFICATE CHECKLIST

School of Engineering

STUDENT NAME _____ **SCU ID#** _____

QUARTER OF COMPLETION: _____

REQUIRED COURSES (8 Units):

Course #	Title	Term Taken	Grade	Units	Units Taken
MECH 217	Introduction to Control			2	
MECH 218	Guidance and Control I			2	
MECH 323	Modern Control System Design I			2	
MECH 324	Modern Control System Design II			2	

ELECTIVES COURSES (select any 8 units)

AMTH 245	Linear Algebra I			2	
AMTH 246	Linear Algebra II			2	
MECH 207	Advanced Mechatronics I			2	
MECH 208	Advanced Mechatronics II			2	
MECH 209	Advanced Mechatronics III			2	
MECH 219	Guidance and Control II			2	
MECH 329	Introduction to Intelligent Control			2	
MECH 355	Adaptive Control I			2	
MECH 356	Adaptive Control II			2	
MECH 429	Optimization of Dynamic Systems I			2	
MECH 430	Optimization of Dynamic Systems II			2	
CENG 211	Advanced Strength of Materials			4	
TOTAL					

G.P.A. **GRE test requirement for admission to the MSME degree program**

GRE required GRE waived

Chair's Signature

Date