



DEPARTMENT OF MECHANICAL ENGINEERING

DYNAMICS

CERTIFICATE CHECKLIST

School of Engineering

STUDENT NAME _____ **SCU ID#** _____

REQUIRED COURSES (12 Units):

Course #	Title	Term Taken	Grade	Units	Units Taken
MECH 203	Analytical Dynamics I			2	
MECH 204	Analytical Dynamics II			2	
MECH 214	Advanced Dynamics I			2	
MECH 215	Advanced Dynamics II			2	
MECH 216	Advanced Dynamics III			2	
MECH 305	Vibrations I			2	

ELECTIVES COURSES (select any 4 units)

MECH 207	Advanced Mechatronics I			2	
MECH 208	Advanced Mechatronics II			2	
MECH 209	Advanced Mechatronics III			2	
MECH 301	Noise and Vibration Control and Monitoring I			2	
MECH 302	Noise and Vibration Control and Monitoring II			2	
MECH 306	Vibrations II			2	
MECH 337	Robotics I			2	
MECH 338	Robotics II			2	
MECH 339	Robotics III			2	
MECH 429	Optimization of Dynamic Systems I			2	
MECH 430	Optimization of Dynamic Systems II			2	
MECH 431	Aircraft Flight Dynamics and Performance			2	
MECH 432	Rocket and Spacecraft Dynamics			2	
	TOTAL				

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

GRE required GRE waived

Chair's Signature

Date