Mechanical Engineering Assessment and Coverage Mapping

Course	Outcome										
	a	b	c	d	e	f	g	h	i	j	k
Required ME Courses											
262 Dynamics	c				c						
310 Thermodynamics I	c				c						
312 Thermodynamics II	A (thermal, multivariate calculus)				A (thermal)						
315 Fluid Mechanics	c				c						
350 Mechanisms	A (dynamics)		c		A (dynamics)						
354 Numerical Simulation	c				c					c (computer)	c
356 Dynamical Sys Model	A (Linear algebra, Systems, differential equations)				A (systems)						A
370 Materials Eng.	c				c						
380 Machine Elements	A (structure)		A (structure)		A (structure)		A (written)				A
410 Heat Transfer	A (heat and fluid)		A (thermal)		A (heat and fluid)					c (energy)	A
482/484 ME Design I & II	c		A (systems)	A	c	A	A (written and oral)	A	A	A	A
356L	c	c		c			c				
380L	c	A (including design)		c			c (written)				
410L	A (statistics)	A		A			A (written)				
ME Electives											
414 Gas Dynamics	c				c						
418 Int Comb Engine	c		c		c					c (energy)	c
419 Gas Turbine	c		c		c					c (energy)	c
427 Know. Based System	c				c						
450 Automatic Control	c		c (control)		c		c			c (automation)	c
452 Vibration	c				c					c (productivity)	
454 Rob-Dyn & Control	c				c					c (automation)	
458 Mechatronics	c	c			c		c			c (interd. integration)	c
466 Digital Control	c				c						
470 Stress Analysis	c				c		c				c
492 Mobile Robotics	c		c	c	c		c			c	c
Other Courses											
IME 106 Freshman Design				c							
IME 345 Eng Economics								c			
Liberal educatoins								c			
Phil 323						c		c			
Math and Science	c										
Others											
Activities (mini-baja, etc)			c	c							
Exit survey	A	A	A	A	A	A	A	A	A	A	A
PE Exam (not yet used)											