

Name:

ID#:

## DEPARTMENT OF CIVIL & MECHANICAL ENGINEERING

### MECHANICAL ENGINEERING

FIRST SEMESTER					SECOND SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
ENGR 127 Fund. of Engineering I		4			ENGR 128 Fund of Engineering II		4		
MA 165 Analytical Geo. & Calculus I		4			ME 160 Solid Modeling		2		
CMH 115 Chemistry		4			MA 166 Analytical Geo. & Calculus II		4		
ENG W131 Elementary Composition I		3			PHYS 152 Mechanics		5		
					COM 114 Fundamentals of Speech		3		
<b>SEMESTER CREDIT HOURS</b>		<b>15</b>			<b>SEMESTER CREDIT HOURS</b>		<b>18</b>		

THIRD SEMESTER					FOURTH SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
MA 261 Multivariate Calculus		4			MA 363 Differential Equations		3		
MA 351 Elementary Linear Algebra		3			ME 200 Thermodynamics I		3		
PHYS 251 Heat, Electricity, and Optics		5			ME 251 Dynamics		3		
ME 250 Statics		3			ME 252 Strength of Materials		3		
ENGR 221 (2) C&C++ Prog for Engineers	CS 227 (2)	2			ECE 201 Linear Circuit Analysis I		3		
<b>SEMESTER CREDIT HOURS</b>		<b>17</b>			<b>SEMESTER CREDIT HOURS</b>		<b>15</b>		

FIFTH SEMESTER					SIXTH SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
ME 293 Measurement & Instrumentation		2			ME 301 Thermodynamics II		3		
ME 303 Materials Science & Engineering		2			ME 304 Mechanics and Materials Lab		1		
ME 318 Fluid Mechanics		3			ME 319 Fluid Mechanics Lab		1		
ME 331 System Dynamics		3			ME 321 Heat Transfer		3		
ME 361 Kinematics & Dynamics of Mach		3			ME 333 Automatic Control Systems		3		
					ME 369 Design of Machine Elements		3		
<b>SEMESTER CREDIT HOURS</b>		<b>13</b>			<b>SEMESTER CREDIT HOURS</b>		<b>14</b>		

SEVENTH SEMESTER					EIGHTH SEMESTER				
COURSE	SUB/EQUIV	CR	GR	SEM	COURSE	SUB/EQUIV	CR	GR	SEM
ME 322 Heat Transfer Lab		1			ME 488 Senior Design II	ENGR 411	3		
ME 487 (3) Senior Design I	ENGR 410 (3)	3			Technical Elective (Group 1)		3		
Technical Elective (Group 1)		3			Technical Elective (Group 1 or 2)		3		
Technical Elective (Group 1)		3			General Education Elective - Category B.6		3		
General Education Elective Category B.5		3			General Education Elective - Category B.7		3		
<b>SEMESTER CREDIT HOURS</b>		<b>13</b>			<b>SEMESTER CREDIT HOURS</b>		<b>15</b>		

**Total Credit Hours: 120**