

PREREQUISITES 05/06	
COURSE	
ME 100	Mechanical Engineering Orientation None
ME 214	Vector Statics ENG 104 For non-ME students: Co-requisite: MAT 115 For ME students: Corequisites: ME 224L and MAT 115
ME 215	Vector Dynamics C- or better in MAT 115 and ME 214
ME 217	Engineering Mechanics C- or better in MAT 115 and PHY 131
ME 218	Strength of Materials C- or better in ME 214
ME 219	Strength of Materials C- or better in ME 218 and ME 224L
ME 220L	Strength of Materials Laboratory C- or better in ME 231 or equivalent 6 or better on the GWT Corequisite ME 219
ME 224L	Mechanics Laboratory Corequisite ME 214
ME 231	Mechanical Engineering Communications C- or better in ENG 103 or 104
ME 232/A	Engineering Digital Computations Corequisite - MAT 114
ME 233/L	Introduction to Mechanical Design MFE 126/L C- or better in ME 214 & 224L
ME 299	Special Topics Permission of Instructor
ME 301	Thermodynamics C- or better in ENG 104 and ME 214
ME 302	Thermodynamics C- or better in ME 301
ME 306	Energy Management C- or better in ME 301 or equivalent
ME 307	Alternative Energy Systems C- or better in ME 301
ME 311	Fluid Mechanics C- or better in ENG 104, MAT 214 & ME 215
ME 312	Fluid Mechanics C- or better in ME 301 and ME 311
ME 313L	Fluid Mechanics Laboratory 6 or better on GWT C- or better in ME 231 or equivalent and ME 311 Corequisite ME 312
ME 315	Engineering Materials CHM 122 and C- or better in ME 218
ME 316	Intermediate Dynamics C- or better in ME 215 & MAT 216
ME 319	Stress Analysis C- or better in ENG 104, ME 219, ME 220L and ME 233/L
ME 325/L	Machine Design Laboratory MFE 201/L C- or better in ME 215 and 319
ME 330	Engineering Numerical Computations MAT 216 and C- or better in ME 232 or equivalent

