

Product Design and Manufacturing Engineering

Catalog Term: Fall 2021

Total credit hours: 128

Section 1		Section 2	
Section	Prerequisites	Section	Prerequisites
ME 301	ME 201	ME 301	ME 201
ME 302	ME 202	ME 302	ME 202
ME 303	ME 203	ME 303	ME 203
ME 304	ME 204	ME 304	ME 204
ME 305	ME 205	ME 305	ME 205
ME 306	ME 206	ME 306	ME 206
ME 307	ME 207	ME 307	ME 207
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ME 310	ME 210	ME 310	ME 210
ME 311	ME 211	ME 311	ME 211
ME 312	ME 212	ME 312	ME 212
ME 313	ME 213	ME 313	ME 213
ME 314	ME 214	ME 314	ME 214
ME 315	ME 215	ME 315	ME 215
ME 316	ME 216	ME 316	ME 216
ME 317	ME 217	ME 317	ME 217
ME 318	ME 218	ME 318	ME 218
ME 319	ME 219	ME 319	ME 219
ME 320	ME 220	ME 320	ME 220
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ME 322	ME 222	ME 322	ME 222
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ME 325	ME 225	ME 325	ME 225
ME 326	ME 226	ME 326	ME 226
ME 327	ME 227	ME 327	ME 227
ME 328	ME 228	ME 328	ME 228
ME 329	ME 229	ME 329	ME 229
ME 330	ME 230	ME 330	ME 230
ME 331	ME 231	ME 331	ME 231
ME 332	ME 232	ME 332	ME 232
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ME 338	ME 238	ME 338	ME 238
ME 339	ME 239	ME 339	ME 239
ME 340	ME 240	ME 340	ME 240
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ME 342	ME 242	ME 342	ME 242
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ME 351	ME 251	ME 351	ME 251
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ME 361	ME 261	ME 361	ME 261
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ME 363	ME 263	ME 363	ME 263
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ME 366	ME 266	ME 366	ME 266
ME 367	ME 267	ME 367	ME 267
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ME 370	ME 270	ME 370	ME 270
ME 371	ME 271	ME 371	ME 271
ME 372	ME 272	ME 372	ME 272
ME 373	ME 273	ME 373	ME 273
ME 374	ME 274	ME 374	ME 274
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ME 376	ME 276	ME 376	ME 276
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ME 381	ME 281	ME 381	ME 281
ME 382	ME 282	ME 382	ME 282
ME 383	ME 283	ME 383	ME 283
ME 384	ME 284	ME 384	ME 284
ME 385	ME 285	ME 385	ME 285
ME 386	ME 286	ME 386	ME 286
ME 387	ME 287	ME 387	ME 287
ME 388	ME 288	ME 388	ME 288
ME 389	ME 289	ME 389	ME 289
ME 390	ME 290	ME 390	ME 290
ME 391	ME 291	ME 391	ME 291
ME 392	ME 292	ME 392	ME 292
ME 393	ME 293	ME 393	ME 293
ME 394	ME 294	ME 394	ME 294
ME 395	ME 295	ME 395	ME 295
ME 396	ME 296	ME 396	ME 296
ME 397	ME 297	ME 397	ME 297
ME 398	ME 298	ME 398	ME 298
ME 399	ME 299	ME 399	ME 299
ME 400	ME 300	ME 400	ME 300

Product Design and Manufacturing Engineering Prerequisite Structure

Fall 2021

Freshman Fall 1st	MATH 242 Calculus I	CHEM 211 General Chemistry I	IME 222 and IME 222L Engineering Graphics and Lab			
Freshman Spring 2nd	MATH 243 Calculus II	ME 250 Materials Engineering	ME 251 Materials Engineering Lab	PHYS 313+315 Physics I & Lab		
Sophomore Fall 3rd	MATH 451 Computation Mathematics MATLAB	IME 254 Engineering Probability and Statistics I	EcE 282 Circuits	AE 223 Statics		
Sophomore Spring 4th	MATH 555 Differential Equations	PHYS 314+316 Physics II & Lab	IME258/IME258L Manufacturing Methods I	AE 333 Mechanics of Materials	IME 255 Engineering Economy	
Junior Fall 5th	IME 561 Industrial Controls and Inl nEc h	IME 554 Statistical Quality Control	IP	s(!	€
Junior Fall 6th						
Junior Summer 7th						
Senior Spring 9th						
Additional Requirements						