

Product Design and Manufacturing Engineering

Catalog Term: Fall 2021

Total credit hours: 128

Blue	Blue
Orange	Orange
Grey	Grey
Yellow	Yellow
White	White
Yellow	Yellow
White	White
Grey	Grey
Orange	Orange
Grey	Grey
White	White
White	White
Grey	Grey
Orange	Orange
Grey	Grey

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						