COURSE PRE-REQUISITES:ENGINEERING

Course	Course Num	Pre-requisite
Applied Programming for Engineers	CE 122	Calculus 2, Computer Programming for Engineering or Programming for Computer Science, Physics I: Mechanics. Note: C or better required in Physics I: Mechanics and Calculus II if student did not take elective maths and physics in high school.
Circuits & Electronics	EE 222	Physics 2: Electromagnetism, Calculus 1, Calculus 2, concurrent enrolment in Multivariable Calculus & Linear Algebra
Introduction to Engineering	ENGR 112	Foundations of Design & Entrepreneurship II, Calculus II, Physics I: Mechanics. Note: C or better required in Physics I: Mechanics and Calculus II if student did not take elective maths and physics in high school.
Instrumentation for Engineering	ENGR 212	Physics I: Mechanics, Physics II: Electromagnetism, Statistics for Engineering & Economics
Statistics for Engineering & Economics	MATH 222	Calculus II
Multivariable Calculus & Linear Algebra	MATH 241	Calculus II, Applied Programming for Engineers or Data Structures & Algorithms
Differential Equations & Numerical Methods	MATH 251	Multivariable Calculus & Linear Algebra, Computer Programming for Engineering or Programming for Computer Science
Physics I: Mechanics	SC 112	Calculus I (or Applied Calculus if taking as an elective)
Physics II: Electromagnetism	SC 113	Physics I: Mechanics, Calculus II (or Applied Calculus if taking as an elective). Note: C or better required in Physics I: Mechanics and Calculus II if student did not take elective maths and physics in high school.
Material Science & Chemistry	SC 221	None (HS Chemistry and Physics expected)