

Aerospace area: AE100 - Fundamentals of AE
 AE165 - Aerospace Flight Mechanics
 AE110 - Space Systems Engineering
 AE166 - Rocketry

EE digital area: EE112 - Intro to Signal Processing
 EE118 - Digital Logic Circuit Design
 EE120 - Microprocessor Based System Design
 EE138 - Embedded Control System Design

EE analog/device area: EE110 - Circuits and Systems
 EE122 - Electronics Design I
 EE128 - Physical Electronics
 EE124 - Electronics Design II

Computer area: CMPE 050 - Object-Oriented Concepts and Methodology
 CMPE 120 - Computer Organization and Architecture.
 CMPE 126 - Algorithms and Data Structure Design
 CMPE 138 - Database Systems I

Systems Engineering area: ISE120 - Work methods design and measurement
 ISE131 - Statistical process control and improvement
 ISE140 - Operations planning and control
 ISE151 - Introduction to Engineering Management

Mechanical Engineering area: ME20 - Design and Graphics (2)
 ME41- Machine shop safety (1)
 ME 101 - Dynamics (3)
 ME180 - Workshop for ME101 (1)
 ME120 - Experimental method (2)
 ME111 - Fluid Mechanics (3)

CE Construction and Traffic: CE122 - Traffic Engineering
 CE130 (2) - Civil Engineering Economic Analysis
 CE131 - Introduction to Construction Engineering
 CE134 - Project Management for Construction

CE Water resource: ME111 - Fluid Mechanics
 CE150 - Introduction to Hydrology and Hydraulics
 CE170 - Principles of Environmental Engineering

CE154 - Hydraulic Design or CE152 Eng. Hydrology

CE Environment:

ME111 - Fluid Mechanics

CE150 - Introduction to Hydrology and Hydraulics

CE170 - Principles of Environmental Engineering

CE 172 - Solid Waste mngmt. Eng. or CE 174 Design of Water
Distr. and Wastewater Collection Syst.

Biomedical Engineering:

BME 025 - Introduction to Biomedical Engineering

BME 115 - Foundations of Biomedical Engineering

BME 177 - Physiology for Engineers

BME 174 - Biomedical Engineering Regulatory Requirements