ME Electives – Effective Fall 2022

(Please note there may be additional prereqs for some of the courses listed below)

ME 3353 Manufacturing Processes
ME 3355 System Dynamics
ME 4405 Measurement Systems Design
ME 4415 Model Theory
ME 4416 Thermal Power Cycles
ME 4421 Engr Modeling, Analysis, & Simulation
ME 4425 Mechatronics
ME 4435 Computer Simulation I
ME 4437 Computer Simulation II
ME 4451 Compressible Flow
ME 4453 Process Engineering
ME 4464 Engr Numerical Techniques

CE 3332 Basic Geotechnics
CE 3351 Engineering Hydrology
CE 3362 Structural Analysis
CE 4406 Green & Sustainable Engineering
CE 4424 Open Channel Flow
CE 4431 Advanced Mechanics of Solids
CE 4434 Geotech Design
CE 4435 Hydraulic Design
CE 4460 Project Management
CE 4462 Design of Steel Structures
CE 4468 Behavior of Composite Materials

NE 3301 Introduction to Nuclear Engineering I
NE 3302 Introduction to Nuclear Engineering II
NE 4419 Energy Systems
NE 4445 Reactor Physics
NE 4446 Nuclear Fuel Cycle Systems

MATH 3350 Statistical Methods
MATH 3352 Introduction to Probability

25 January 2022