



250. Mechanical Engineering Fundamentals II: Thermo-fluid Dynamics I (4) S

Prerequisites: 232, C 10, E 10, 314.

261. Electrical Engineering Fundamentals I: Digital Logic (3) F

Prerequisites: E 261, CSC 160.

262. Electrical Engineering Fundamentals II: Electric and Electronic Circuits (4) S

Prerequisites: 232, 212, C 10, E 10.

320. Mechanics of Materials (3) S

Prerequisites: E 210, 240, 314.

325. Computational Analysis of Structures – Finite Element Methods (3) S – Odd Years

Prerequisites: E 10, 212

330. Engineering Economy (3) S

Prerequisites: 7 E 200.

342. Engineering Experimental Methods (3) F

Prerequisites: 7 E 200.

352. Mechanical Engineering Laboratory (1) S

Prerequisites: E 342.

355. Thermo-fluid Dynamics II (4) F

Prerequisites: E 250, 314.

360. Modeling and Analysis of Linear and Dynamical Systems (3) F

Prerequisites: E 240, 262, 314.

361. Digital Electronics (4) F

Prerequisites: E 261, CSC 160

375. Power Systems and Electrical Machines (3) F

Prerequisites: E 262.

405. Electronic Circuit Analysis and Design (4) S

Prerequisites: E 262.

416. Physical Principles of Solid State Devices (3) S

Prerequisites: E 262, 314.

455. Energy Conversion (3) F

C E 355.