

EK: II

Aşağıda eşlenik sayılabilecek dersler gruplar halinde verilmiştir. Herhangi bir gruptan sadece bir ders teknik seçmeli olarak alınabilir.

Group 1	AEE 435 Propulsion Systems II (3-0) 3 ME 423 Gas Turbines and Jet Propulsion (3-0) 3
Group 2	AEE 443 Computational Fluid Dynamics (3-0) 3 ME 485 Computational Fluid Dynamics Using Finite Volume Method (3-0) 3
Group 3	AEE 469 Mechanics of Composite Materials (3-0) 3 METE 470 Composite Materials (3-0) 3 ME 451 Introduction to Composite Structures (3-0) 3
Group 4	CHE 423 Chemical Engineering Economics (3-0) 3 IE 440 Engineering Economy (3-0) 3 IE 441 Modeling in Engineering Economy (3-0) 3 MINE 424 Project Management in Mining (3-0) 3 ME 443 Engineering Economy and Production Management (3-0) 3
Group 5	AEE 463 Mechanical Vibrations (3-0) 3 ME 429 Mechanical Vibrations (3-0) 3
Group 6	CHE 454 Polymer Process Analysis and Design (3-0) 3 METE 460 Engineering with Polymers (3-0) 3 ME 455 Manufacturing of Polymeric Structures (3-0) 3
Group 7	CE 423 Advanced Mechanics of Materials (3-0) 3 ME 434 Advanced Strength of Materials (3-0) 3
Group 8	AEE 464 Application of Finite Element Analysis in Aerospace Structures (2-2) 3 CE 425 Introduction to Finite Elements (3-0) 3 ES 503 Finite Element Method (3-0) 3 ME 413 Introduction to Finite Element Analysis (3-0) 3
Group 9	ES 506 Reliability (3-0) 3 ME 444 Reliability in Engineering Design (3-0) 3
Group 10	METE 478 Nondestructive Evaluation of Materials (3-0) 3 ME 450 Nondestructive Testing Methods (3-0) 3
Group 11	IE 463 Quality Planning and Control (3-0) 3 ME 433 Engineering Metrology and Quality Control (3-0) 3
Group 12	AEE 483 Automatic Control Systems II (4-0) 4 ME 511 Modern Control (3-0) 3