

**İSTANBUL KÜLTÜR ÜNİVERSİTESİ**  
**MÜHENDİSLİK FAKÜLTESİ**  
**ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ**

**YANDAL PROGRAMI**

**Alınması gereken zorunlu dersler:**

Dersin Adı	Ders Saati (T+U+L)	AKTS	Önkoşulu
IE4201 Operations Research I	(3+2+0)	7	-
IE6404 Production Planning and Control	(3+2+0)	7	IE4201

**Aşağıdaki listeden en az 1 adet ders seçilecektir:**

Dersin Adı	Ders Saati (T+U+L)	AKTS	Önkoşulu
IE3101 Introduction to Probability	(3+2+0)	6	MCB1002 <sup>(*)</sup> veya MB2001 <sup>(**)</sup> veya MBT1002 <sup>(***)</sup>
IE3502 Financial and Cost Accounting	(3+0+0)	4	-
IE4102 Statistics for Engineers	(3+2+0)	6	IE3101
IE4503 Engineering Economics	(2+2+0)	6	-
IE5202 Operations Research II	(3+2+0)	7	IE3101
IE5403 Facilities Design and Planning	(3+2+0)	7	-
IE6103 Design of Experiments	(3+2+0)	6	IE4102
IE7203 Simulation Modelling	(3+2+0)	6	IE4102
IE7405 Supply Chain Management	(3+0+0)	5	IE6404
IE8406 Quality Engineering	(2+2+0)	5	IE4102

(\*) MCB1002 Calculus II dersidir.

(\*\*) MB2001 Analiz II dersidir.

(\*\*\*) MBT1002 Matematik II dersidir.

**Aşağıdaki listeden en az 2 adet ders seçilecektir:**

Dersin Adı	Ders Saati (T+U+L)	AKTS	Önkoşulu
IE0005 Introduction to Fuzzy Modelling	(3+0+0)	5	-
IE0006 Data Structures and Programming	(2+2+0)	5	IE2002
IE0007 Advanced Excel Applications	(2+2+0)	5	-
IE0104 Introduction to Data Mining	(3+0+0)	6	IE3101
IE0204 Case Studies in Mathematical Modelling	(3+0+0)	6	-
IE0205 Introduction to Decision Analysis	(2+2+0)	6	IE3101
IE0301 Systems Analysis	(3+0+0)	5	-
IE0302 Enterprise Resource Planning	(3+0+0)	5	IE6404
IE0303 Management Information Systems	(2+2+0)	5	-
IE0304 Human Computer Interaction and User Experience	(3+0+0)	6	-
IE0305 Business Simulation	(3+0+0)	6	-

Dersin Adı	Ders Saati (T+U+L)	AKTS	Önkoşulu
IE0402 Ergonomics	(3+0+0)	6	-
IE0407 Work Study	(3+0+0)	6	-
IE0408 Scheduling Applications in Manufacturing and Services	(3+0+0)	6	-
IE0409 Project Management	(2+2+0)	6	-
IE0410 Quality Planning and Analysis	(3+0+0)	5	-
IE0411 Logistic Systems	(3+0+0)	6	-
IE0412 Advanced Project Management	(2+2+0)	6	IE0409
IE0504 Strategic Management	(3+0+0)	5	-
IE0505 Marketing Management	(3+0+0)	5	-
IE0506 Introduction to Business Management	(3+0+0)	4	-
IE0507 Organizational Behaviour and Human Resources	(3+0+0)	4	-
IE0508 Labor Law	(3+0+0)	4	-
IE0604 Computer Integrated Manufacturing Systems	(2+0+2)	5	-
IE0605 Advanced Manufacturing Systems	(2+0+2)	6	IE4201
IE0606 Manufacturing Techniques	(2+0+2)	5	-
IE0607 Industrial Applications of Nanotechnology	(3+0+0)	6	-
IE0608 Introduction to Renewable Energy	(3+0+0)	6	-
IE0609 Introduction to Energy Management	(2+2+0)	5	-
IE0701 Academic Writing and Presentation Skills	(3+0+0)	5	-
IE0901 Special Topics in Industrial Engineering	(2+0+0)	2	-
IE0902 Case Studies in Industrial Engineering	(2+0+0)	3	-
IE0306 Database Management Systems	(2+0+2)	6	-
IE0413 Service Management	(3+0+0)	6	-
IE0509 Managerial Skills for Industrial Engineers	(3+0+0)	5	-
IE0510 Entrepreneurship for Industrial Engineers	(2+0+0)	4	-

**Not:** Öğrencinin, Yandal programını tamamlayabilmesi için en az 30 AKTS kredilik ders alması zorunludur.