

2007 - 2008 CURRICULUM

First Semester

PHYS 111	General Physics for Engineering I	3	2	4
MCS 155	Calculus for Engineering I	3	2	4
ENG 101	English for Freshman	3	0	3
TURK 101	Turkish I	2	0	2
IE 101	Industrial Engineering Orientation	2	0	2
IE 111	Computer Aided Engineering Drawing	2	2	3
		15	6	18

Second Semester

PHYS 112	General Physics for Engineering II	3	2	4
MCS 156	Calculus for Engineering II	3	2	4
ENG 102	English for Freshman	3	0	3
TURK 102	Turkish II	2	0	2
CENG 198	Introduction to Computer Programming	2	2	3
IE 114	Materials Science and General Chemistry	3	2	4
		16	8	20

Third Semester

MSC 205	Linear Algebra for Industrial Engineering	3	2	4
HIST 201	Principles of Kemal Atatürk I	2	0	2
IE 243	Manufacturing Processes	2	2	3
ECON 213	Principles of Economics	4	0	4
IE 227	Introduction to Probability	3	2	4
IE 211	Introduction to Eng. Thermodynamics	3	0	3
		17	6	20

Fourth Semester

IE 244	Computer Integrated Manufacturing Systems	2	2	3
HIST 202	Principles of Kemal Atatürk II	2	0	2
IE 228	Engineering Statistics	2	2	3
IE 232	Operations Research I - Modelling	3	2	4
IE 240	Cost Analysis in Engineering	2	2	3
ENG 202	Adv. Reading and Oral Communication	2	2	3
		11	8	15

IE 200	Summer Training I	0	0	0
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Fifth Semester

IE 301	Work Study and Ergonomics	2	2	3
IE 361	Production Planning I	2	2	3
IE 341	Engineering Economic Analysis	2	2	3
IE 327	System Simulation	2	2	3
IE 333	Operations Research II - Deterministic Problems	3	2	4
		11	10	16

Sixth Semester

IE 302	Facilities Design and Location	2	2	3
IE 362	Production Planning II	2	2	3
IE 364	Production Information Systems	2	2	3
IE 334	Operations Research III - Stochastic Problems	3	2	4
ELEC 1	Restricted Non-Departmental Elective	3	0	3
		12	8	16

IE 300	Summer Training II	0	0	0
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Seventh Semester

IE 427	Quality Engineering	2	2	3
MAN 102	Introduction to Management	3	0	3
IE 407	Systems' Anlysis	1	4	3
IE 499	Seminar in IE Practise	0	2	1
ELEC 2	IE Elective	3	0	3
ELEC 3	IE Elective	3	0	3
		12	8	16

Eigth Semester200

IE 408	Systems' Design and Implementation	2	4	4
IE 464	Law for Engineers	3	0	3
ELEC 4	Free Elective	3	0	3
ELEC 5	IE Elective	3	0	3
ELEC 6	Man/Econ Elective	3	0	3
		14	4	16

2010 - 2011 CURRICULUM

First Semester

PHYS 111	General Physics for Engineering I	3	2	4	6
MSC 155	Calculus for Engineering I	3	2	4	5
ENG 105	Academic English I	0	6	3	5
TURK 101	Turkish I	2	0	2	3
ESR 101	Etik ve Sosyal Sorumluluk	1	0	1	1
IE 101	Industrial Engineering Orientation	2	0	2	4
IE 111	Computer Aided Engineering Drawing	2	2	3	6
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Second Semester

PHYS 112	General Physics for Engineering II	3	2	4	6
MSC 156	Calculus for Engineering II	3	2	4	5
ENG 106	Academic English II	0	6	3	5
TURK 102	Turkish II	2	0	2	3
CENG 198	Introduction to Computer Programming	2	2	3	5
IE 114	Materials Science and General Chemistry	3	2	4	6
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Third Semester

MSC 205	Basic Linear Algebra	3	0	3	4
HIST 201	Principles of Kemal Atatürk I	2	0	2	3
ENG 205	English for Specific Purposes I	0	4	2	4
ECON 213	Principles of Economics	4	0	4	4
IE 227	Introduction to Probability	3	2	4	5
IE 243	Manufacturing Processes	2	2	3	5
IE 211	Introduction to Eng. Thermodynamics	3	0	3	5
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Fourth Semester

IE 202	Work Study and Ergonomics	2	2	3	5
HIST 202	Principles of Kemal Atatürk II	2	0	2	3
IE 228	Engineering Statistics	2	2	3	6
IE 232	Operations Research I - Modelling	3	2	4	6
IE 240	Cost Analysis in Engineering	2	2	3	6
ENG 206	English for Specific Purposes II	0	4	2	4
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IE 200	Summer Training I	0	0	0	7
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Fifth Semester

IE 311	Computer Applications in IE	2	2	3	4
IE 361	Production Planning I	2	2	3	5
IE 341	Engineering Economic Analysis	2	2	3	5
IE 327	System Simulation	2	2	3	6
IE 333	Operations Research II - Deterministic Problems	3	2	4	6
ENG 305	Advanced Academic English I	0	2	1	4
					11 12 17 30

Sixth Semester

IE 302	Facilities Design and Location	2	2	3	6
IE 362	Production Planning II	2	2	3	6
IE 364	Production Information Systems	2	2	3	5
IE 334	Operations Research III - Stochastic Problems	3	2	4	6
ENG 306	Advanced Academic English II	0	2	1	4
ELEC 1	Restricted Non-Departmental Elective	3	0	3	3
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IE 300	Summer Training II	0	0	0	8
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Seventh Semester

IE 427	Quality Engineering	2	2	3	5
MAN 102	Introduction to Management	3	0	3	4
IE 407	Systems' Anlysis	1	4	3	7
IE 499	Seminar in IE Practise	0	2	1	1
ENG 405	Report Writing	0	2	1	3
ELEC 2	IE Elective	3	0	3	5
ELEC 3	IE Elective	3	0	3	5
					12 10 17 30

Eigth Semester

IE 408	Systems' Design and Implementation	2	4	4	10
IE 464	Law for Engineers	3	0	3	4
ENG 406	Advanced Communication Skills	0	2	1	3
ELEC 4	Free Elective	3	0	3	3
ELEC 5	IE Elective	3	0	3	5
ELEC 6	Man/Econ Elective	3	0	3	5
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