CURRICULA FOR DOUBLE MAJOR IN IE (ÇİFT ANADAL PROGRAMI)

ID (Credit / ECTS) Course Name	ECE	EE	CENG	CE	ME	MSE	MECE	MATH	MAN	ECON	BF	INTT	SENG
IE 117 (3/5) Computational Programming Tools in IE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 202 (4/7) Work Study and Ergonomics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 218 (4/7) Computer Applications in IE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 227 (4/6) Introduction to Probability			✓	✓	✓	✓				✓	✓	✓	✓
IE 228 (4/6) Engineering Statistics	✓	✓			✓		✓	✓					
IE 232 (4/6) Operations Research I - Modeling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 241 (3/5) Cost Analysis in Engineering	✓	✓	✓	✓	✓	✓	✓	✓					✓
IE 300 (0/6) Summer Training II	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 302 (4/6) Facilities Design and Location	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 326 (4/6) Quality Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 327 (4/6) System Simulation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 333 (4/6) Operations Research II - Deterministic Problems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 334 (4/7) Operations Research III - Stochastic Problems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 341 (3/5) Engineering Economic Analysis	✓		✓			✓		✓		✓		✓	✓
IE 364 (3/6) Production Information Systems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 365 (4/6) Manufacturing and Service Systems Planning I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 366 (4/6) Manufacturing and Service Systems Planning II	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 407 (3/7) Systems' Analysis	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 408 (3/8) Systems' Design and Implementation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 464 (3/4) Law for Engineers	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓
IE 499 (2/3) Seminar in IE Practice	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAN 431 (3/4) Human in Organizations	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
MATH 205 (3/4) Basic Linear Algebra									✓	✓	✓	✓	
ME 113 (3/6) Computer Aided Eng. Drawing I	✓	✓	✓					✓	✓	✓	✓	✓	✓
ME 210 (4/5) Manufacturing Processes	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓
ME 215 (3/4) Fundementals of Thermal Systems	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
MSE 225 (4/6) Introduction to Materials Science	✓	✓	✓					✓	✓	✓	✓	✓	✓
PHYS 131 (4/6) Physics I									✓	✓	✓	✓	
ELECTIVE3 (3/5) IE Elective 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ELECTIVE4 (3/5) IE Elective 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total Credits / Total ECTS:	90 / 153	87 / 148	90 / 153	80 / 136	77 / 133	80 / 137	73 / 127	90 / 153	85 / 145	91 / 154	91 / 153	91 / 154	90 / 153

CURRICULA FOR MINOR IN IE (YAN DAL PROGRAMI)

ID (Credit / ECTS) Course Name	ECE	EE	CENG	CE	ME	MSE	MECE	MATH	MAN	ECON	BF	INTT	SENG
IE 227 (4/6) Introduction to Probability			✓	✓	✓	✓			✓	✓	✓	✓	✓
IE 228 (4/6) Engineering Statistics	✓	✓			✓		✓	✓					
IE 232 (4/6) Operations Research I - Modeling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 326 (4/6) Quality Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 333 (4/6) Operations Research II - Deterministic Problems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 334 (4/7) Operations Research III - Stochastic Problems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 365 (4/6) Manufacturing and Service Systems Planning I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IE 366 (4/6) Manufacturing and Service Systems Planning II	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MATH 205 (3/4) Basic Linear Algebra									✓	✓	✓	✓	
ELECTIVE1 (3/5) IE Elective 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total Credits / Total ECTS:	31 / 48	31 / 48	31 / 48	31 / 48	35 / 54	31 / 48	31 / 48	31 / 48	34 / 52	34 / 52	34 / 52	34 / 52	31 / 48