

COMPUTER ENGINEERING DOUBLE MAJOR PROGRAM			
1. YEAR 1. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
KHAS101	Origins and Consequences	5	<i>COMMON</i>
KHAS103	History of Humankind	5	<i>COMMON</i>
KHAS105	Universal Values and Ethics	5	<i>COMMON</i>
KHAS107	Design	5	<i>COMMON (KHAS107 is not a compulsory course in the Law Department. Students of the Law Department must take KHAS107 in the Computer Engineering Double Major Program)</i>
KHAS109	Computational Thinking	5	<i>COMMON (KHAS109 is not a compulsory course in the Theatre Department. Students of the Theatre Department must take KHAS109 in the Computer Engineering Double Major Program)</i>
TLL101 / TLL103	Critical Reading and Writing in Turkish I / Speaking, Reading and Writing in Turkish for International Students I	3	<i>COMMON</i>
1. YEAR 2. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
<b>Core Elective Course of 15 ECTS in total</b>		15	<i>Core Electives taken from the Major Program and passed successfully can be transferred as Core Electives in the Computer Engineering Double Major Program. However, if the courses to be transferred as Core Elective courses to the Computer Engineering Double Major Program are not 15 ECTS in total, must be completed.</i>
KHAS112	Thinking Mathematically	6	<i>KHAS112 is not a common course in the Law, Psychology, Visual Communication Design, Public Relations and Information, Radio, Television and Cinema, Advertising, New Media, Industrial Design, Interior Architecture and and Environmental Design, Theatre Departments. Students of the Law, Psychology, Visual Communication Design, Public Relations and Information, Radio, Television and Cinema, Advertising, New Media, Industrial Design, Interior Architecture and and Environmental Design, Theatre Departments students must take KHAS112 in the Computer Engineering Double Major Program. KHAS112 is a COMMON course with Architecture Political Science and Public Administration, Economics, International Relations, Business, Management Information Systems, Electrical-Electronics Engineering, Industrial Engineering, Civil Engineering, Mechatronics Engineering, Molecular Biology and Genetics Departments.</i>
KHAS110 / KHAS120	Civic Responsibility Project / Civic Responsibility Project for International Students	2	<i>COMMON</i>
TLL102 / TLL104	Critical Reading and Writing in Turkish II / Speaking, Reading and Writing in Turkish for International Students II	3	<i>COMMON</i>
CME140	Computer Programming I	6	<i>COMMON for Industrial Engineering</i>
2. YEAR 3. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
HST101	History of Modern Turkey I	2	<i>COMMON</i>
CME201	Discrete Computational Structures	6	
CME241	Computer Programming II	5	
CME263	Fundamentals of Electronic Circuits	6	
EE205	Sayisal Design	5	
MA211	Engineering Mathematics I	6	<i>COMMON for Industrial Engineering</i>
2. YEAR 4. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
HST102	History of Modern Turkey II	2	<i>COMMON</i>
CME242	Data Structures and Algorithms	6	
CME244	Computer Organization and Arch.	6	
MA212	Engineering Mathematics II	6	<i>COMMON for Industrial Engineering</i>
MDBF299	Internship I	6	
3. YEAR 5. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
CME341	Operating Systems	6	
CME343	Object Oriented Prog. Lang.	6	
GE204	Probability and Statistics for Engineers	5	<i>COMMON for Industrial Engineering</i>
3. YEAR 6. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
CME304	Graph Theory	6	
CME356	Software Engineering	6	
MA304	Numerical Methods	6	<i>COMMON for Industrial Engineering</i>
MDBF399	Internship II	6	
4. YEAR 7. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
GE401	Engineering Problem Solving and Project Management	6	<i>COMMON for Industrial Engineering</i>
4. YEAR 8. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
GE400	Engineering Design Project	10	<i>COMMON for Industrial Engineering</i>

<b>COMPUTER ENGINEERING DOUBLE MAJOR PROGRAM FIELD AND FREE ELECTIVE COURSES</b>		
<b>CME Field Elective Course of 42 ECTS in total</b>	<b>42</b>	<i>Free Elective courses taken from the Major Program and successfully completed, the CME coded and non-compulsory courses in the Department of Computer Engineering can be transferred as the Field Elective of the Department of Computer Engineering. However, if the courses to be transferred to the Computer Engineering Double Major Program are not 42 ECTS in total, must be completed.</i>
<b>Free Elective Course of 35 ECTS in total</b>	<b>25</b>	<i>Field Elective courses (non-CME coded courses and Field Elective and Non-Compulsory Courses in the Department of Computer Engineering taken from the Major Program and passed successfully can be transferred as Free Elective courses in the Department of Computer Engineering. However, if the free elective courses to be transferred to the Computer Engineering Double Major Program are not 25 ECTS in total, must be completed.</i>
<b>GRAND TOTAL: 240 ECTS</b>		