INFORMATION ON THE INDUSTRIAL DESIGN BACHELOR DEGREE PROGRAM	
General Information	TOBB ETU Department of Industrial Design was established within the Faculty of Architecture and Design in 2011. The aim of the four year undergraduate program is to train well trained industrial designers who can respond to the need for innovative solutions in the industry and develop unique product and service solutions. In line with this purpose, students are prepared for professional practice through an 11 semester undergraduate program which is comprised of an 8 semester-long departmental, foreign language and elective course-based education and 3 semester-long cooperative education program in partnership with the leading firms in the industry with an aim to offer students a real-world experience. The undergraduate program at the Department of Industrial Design cultivates students' technical and critical skills both with applied and theory-based courses while offering opportunities for them to experience the overall product development process through multi-disciplinary projects that are conducted in collaboration with engineering departments.
Program Purpose	The Program aims to offer an industrial design education with international standards, to contribute to society with the generation of knowledge through research projects, develop innovative solutions for the particular needs of the industry and to support technological and scientific development that would respond to the needs and expectations of the society as a leading education and research institution. The main objective of this major is to train "industrial designers" who can pursue professional and academic careers, take part in research & development, design and manufacturing projects, who are creative, visionary, open to change and self-motivated, inclined to multi-disciplinary collaborative work, socially and environmentally aware, up-to-date with regards to technological advancements and who are capable of contributing to social well-being and national economy through creating innovative design solutions.
Degree Earned	Students who coplete the department are entitled to receive a bacheler degree in Industrial Design
Level of Degree Earned	Bachelor Degree (NQF-HETR 7. Level)
Requirements and Rules of the Degree Earned	Students have to successfully complete all the courses on the Industrial Design Undergraduate Program curriculum. In order to qualify for a graduate diploma, students are required to complete the conditions for all courses that are indicated on the TOBB ETU Undergraduate Education Regulation and to have a minimum grade point average of 2.0 out of 4.0. In addition, students have to accomplish the cooperative education program.
Registration Admission Requirements	Prospective students who want to enroll in the program are placed with the Central Placement Exam that is conducted by the Assessment, Selection and Placement Center (ÖSYM). Prospective students are placed in the Industrial Design Undergraduate Program via a software-based system depending on the success ranking of ÖSYM according to their score from the Central Placement Exam and their cumulative grade point average from high school.
Recognition of Prior Learning	Students are required to complete their higher education and get a score that would meet the minimum requirements in the suited category in the national placement examination.
Examinations, Assessment and Grading	Students are assessed based on the grade point percentage that is defined on the course information forms given at the beginning of the semester. In line with this criterion, they are graded in compliance with TOBB ETU Undergraduate Education Regulation.
Teaching Style	Full Time Education The duration of the program is 11 semesters. According to the TOBB ETU Undergraduate Education Regulation, students are required to attend to classes. The undergraduate program is comprised of applied and theoretical departmental courses, common cultural courses, English and second foreign language courses along with faculty and university elective courses. 11 semester undergraduate program consists of an 8 semester-long departmental, foreign language and elective course-based education and 3 semester-long cooperative education program in partnership with the firms in the industry.
Graduation Requirements	It is compulsory for students to have a minimum grade point average of 2.0 out of 4.0 and to successfully pass all of the courses on the Industrial Design Undergraduate Program curriculum. According to the TOBB ETU Undergraduate Education Regulation, graduates of the Industrial Design Program have to get a score of 500 from the Test of English as a Foreign Language (TOEFL ITP).

Occupational Profiles of Graduated-Employment Opportunities	Industrial design is a demanded profession in Turkey as a country with a growing industry in order to create a sustainable competitive advantage in the international markets. Product design is a strategical tool for manufacturing firms based on various scales of production. Raising awareness on the importance of industrial design profession in Turkish industry have resulted in the expansion of the scope of application areas for designers in recent years. Today, with the creation of national brands, increasing interest in the industrial design profession and the growing understanding on the significance of a national design strategy, graduates can pursue careers in industral design in public or private sector or establish their own companies to provide industrial design and design management consultancy service to the industry. There are various job opportunities for industrial designers in the industry regardless of sector.
Transition to a Upper Degree	Graduates can pursue graduate education (master's, PhD or proficiency in art) on the condition that they meet the requirements of the applied programs.

NQF-HETR PROGRAM QUALIFICATION MATRIX				PROGRAM QUALIFICATIONS														
Program : Industrial Design																		
Related NQF-HETR Core Field: Architecture and Structure (Academic) - Bachelor Degree				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CORE AREA QUALIFICATIONS	INFORMATION	Theoretical - Factual	Able to acquire multidimensional knowledge, including discursive, theoretical, factual and professional service sensitivities, in a variety of contexts and to reflect them in academic sharing environments in the local, regional, national and global context for the relevant basic field, industrial design activities and research have the necessary knowledge and insight.	x	x	x	x	x		x			x		x	x	x	x
			In this framework, graduate has the knowledge of the necessary knowledge, intellectual, discursive, scientific, technological, aesthetic, artistic historical and cultural background.	x	x	x	x	x	x		x			x			x	
			Has knowledge and understanding about the industrial design research methods that are sensitive to the environment (natural and built) and related to the human and community oriented area.	x	x	x	x	x	x		x	x	x			x		
			Has multidimensional knowledge and understanding on disaster related issues and standards of economic, environmental and social sustainability in the relevant area.								x	x	x		x			
			Has knowledge about the principles, laws, regulations and standards related to his field.								x	x	x	x			x	
			Has knowledge and understanding about the institutional and ethical values related to his / her field.	x	x			x			x	x	x			x		
			Has knowledge and understanding about the place / importance of the related field in its historical, geographical, social and cultural context.	x			x				x	x		x		x		
	SKILLS	Cognitive - Applied	Has concept development skills in industrial design areas.	x	x	x		x		x					x	x		x
			Has the ability to provide discourse, theory and practice integrity for industrial design activities and research.		x	x	x	x	x						x	x	x	x
			Has the ability to identify cases, potentials and problems in industrial design issues and the necessary research for them.	x	x	x		x						x	x	x		x
			Uses theoretical / conceptual knowledge related to their field, cognitive and executive skills, research methods and techniques.	x	x	x		x						x	x	x		x
			Has the ability to develop alternate architectural design, planning fiction and solutions.	x	x	x		x		x			x		x			x
			Gains skills in interdisciplinary interactive industrial design.The knowledge, understanding and skills that he/she possesses are used in the interpretation of data, in the definition of problems, in the development of alternate industrial design design decisions / projects / solutions exhibiting mastery and innovation.	x	x	x	x		x				x				x	
	COMPETENCIES	Ability to work independently and to take responsibility	Independently runs an industrial design project, plans and conducts research projects for these processes, and produces new syntheses.	x	x	x	x	x	x	x			x		x	x	x	x
			Independently conducts individual studies on the field and takes individual and collective responsibility in multidisciplinary, interdisciplinary and interdisciplinary studies. The graduate has the necessary confidence and competence for this.	x	x	x	x		x	x	x	x	x		x	x	x	x
			Undertakes collaborative plans, responsibilities and conduct in an industrial design project.	x	x	x			x						x	x		x
		Learning Competence	Learns his knowledge and skills in a critical and dialectical way (he can produce critical thesis and synthesis).		x	x				x			x	x	x	x		x
			Is oriented towards the future, has the motivation and learning skills necessary for personal and professional development, determines the learning needs, makes plans for it and applies them.		x	x		x	x				x	x		x		x
			Acts with lifelong learning consciousness.	x	x	x			x			x	x			x		
		Communication and Social Competence	Informs the related persons and institutions about the issues that are relevant to his / her field, transfers suggestions of solutions to problems and problems in writing, verbally and visually, and supports the students with quantitative and qualitative data and shares them with experts and non-experts.		x	x	x	x	x				x				x	x
			Organizes and implements projects, collaborations and events for the social environment in which they are aware of social responsibility.	x	x	x				x	x		x		x			x
			Tracks developments in their field using a foreign language at least at the European Language Portfolio B1 General Level and communicate effectively with colleagues.				x	x	x	x			x				x	x
			Uses the information (communication and communication) technologies that are required by the field with the computer software at least at the European Computer Use License Advanced level.		x		x		x	x			x				x	
			Works in the profession, in professional researches, with the understanding of ethical and behavioral rules, behavioral habits and social responsibility.								x	x	x			x		x

			Collects, evaluates and comments on the data that will be necessary for decision making considering the possible social, environmental and ethical consequences in industrial design processes.		x		x		x	x	x	x			x	x		
			Sshould be able to assess the current knowledge in his / her field with a critical and dialectical approach, taking into account the possible social, environmental and ethical consequences, in line with professional codes of conduct, criteria and standards and legal frameworks in the light of the ethical principles required by the discipline's knowledge, it uses.	x	x	x		x		x	x	x				x		
		Field Specific Competen	Decides and acts with the awareness of justice with the knowledge of human worth, human rights, and in this respect, respect for social and cultural rights, showing the necessary sensitivity to the protection of the natural environment and cultural heritage.	x							x	x	x					x
			Is well aware of the ethical principles and principles of social justice, quality culture, protection of natural and cultural values, environmental protection, occupational health and safety, professional services and legal frameworks in the knowledge that his profession is beneficial to human rights and society and produces social services.		x						x	x	x			x		x
			Is knowledgeable and conscious about the local, regional, national and global general and professional problems in the historical period he lived.		x	x					x	x		x				x

Program Qualifications	
1	Grasps user-product interaction with all the dimensions
2	Knows design methods and applies them in product development processes
3	Has creative thinking skills
4	Has knowledge of materials and manufacturing methods in industrial design
5	Knows principles of basic design and utilizes them in his/her designs
6	Utilizes Computer Aided Design Tools and has the ability to learn and apply new ones.
7	Can express his/her ideas in industrial design process by utilizing various media.
8	Knows and applies ethical professional codes in industrial design
9	Knows and follows legal codes related to industrial design
10	Can interact and communicate with other discipline professionals in product design and development processes and be able to express his/her needs and expectations.
11	Knows the history of industrial design and its implications for future
12	Can split any design problem to its components and propose solutions
13	Can propose design solutions to industrial design problems by utilizing scientific research methods
14	Can communicate with professionals and machinery for manufacturing processes in industrial design profession in a technical and proper language.
15	Can set up, apply and manage design processes for various product and experience design and development projects.

All Courses in the Program		Program Qualifications														
Code	**Course Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
EUT 101	Introduction to Industrial Design	2	2	3					4	3						
EUT 105	Product Visualization I		4	4				5			4				2	
EUT 109	Technical Drawing		3		4		4	4			3				4	2
EUT 121	Basic Design I	3	4	5	1	5		3				2	3			1
FSD1	Faculty Elective Course															
ING 101	English I						3	3		2	3				2	
TUR 101	Turkish Language I						3	3		2	3				2	
EUT 106	Product Visualization II	2	2	4		1		5			4		2	2	2	2
EUT 110	Structures in Design	1	2	1				3			3		2	3	2	1
EUT 122	Basic Design II	3	4	5	2	5		5			4	2	3			2
ING 102	English II						3	3		2	3				2	
OEG 101	Introduction to Cooperative Education							2	3	2	2					
TUR 102	Turkish Language II						3	3		2	3				2	
AIT 201	Ataturk's Principles and History of Turkish Revolution I								3							
EUT 203	Model Making I	2	2	4	4	1		5			2				2	2
EUT 211	Ergonomics for Product Design	5	3	2							3		1	3	2	2
EUT 215	Computer Aided Presentation Techniques		2	3		5	5				4		2		2	2
EUT 221A	Industrial Design Studio I	5	5	5	2	2	2	3			2		4	4	4	3
EUT 249	Material and Production I			5		1					4		2		5	1
ING 201	Writing Skills in English						3	3		2	3				2	
AIT 202	Ataturk's Principles and History of Turkish Revolution II								3							
EUT 216A	Computer Aided Product Design I	1	3	4	2		5	5		4			2		4	2
EUT 218	History of Industrial Design I	1	2						3	3		5		1		1
EUT 222A	Industrial Design Studio II	4	2	5	3	2	4	5			4		4	2	2	4
EUT 250	Material and Production II			5		1					4		2		5	1
ING 202	Presentation Techniques in English						3	3		2	3				2	
OEG 200	Cooperative Education I	2	2		3		4	4			4	3			5	3
EUT 317A	Computer Aided Product Design II	1	3	4	2		5	5		4			2		4	2
EUT 319	History of Industrial Design II	1	2						3	3		5		1		1
EUT 321A	Industrial Design Studio III	4	2	5	3	2	4	5			4		4	2	2	4
EUT 331	User Research in Product Design	5	3	2				3			3		2	4		2
FSD2	Faculty Elective Course															
IYD1	Second Foreign Language I						3	3		2	3				2	
BSD3	Department Elective Course															
EUT 318A	Computer Aided Product Design III	1	3	4	2		5	5		4			2		4	2
EUT 322A	Industrial Design Studio IV	4	2	5	3	2	4	5			4		4	2	2	5
EUT 330	Marketing	4	2	2					2	2	4		2	2	2	1
UYD 2	Second Foreign Language II						3	3		2	3				2	
UGI 315	Entrepreneurship and Leadership															
OEG 300	Cooperative Education II	2	2		3		4	4			4	3			5	4
BSD4	Department Elective Course															
EUT 405	Computer Aided Production	1	3	4	2		5	5		4			2		4	2
EUT 421	Industrial Design Studio V	4	2	5	3	2	4	5			4		4	2	2	5
EUT 451	Portfolio Design & Presentation Techniques															
IYD 3	Second Foreign Language II						3	3		2	3				2	
OEG 400	Cooperative Education III	2	2		3		4	4			4	3			5	5
BSD III	Department Elective Course III															
BSD IV	Department Elective Course IV															
EUT 408	Professional Practice	2	2	3			4	4	4	2					2	1
EUT 422	Industrial Design Studio VI	5	5	4	5	3	5	5			4	3	5	2	5	5
IYD 4	Second Foreign Language IV						3	3		2	3				2	
USD1	Free Elective Course															
Seçmeli Dersler																
EUT 224	Clay Modelling	1	2	4	3			3			2				3	1

EUT 315	Modular Design	1	2	3		2					2		3		2	2
EUT 333	Consumer Behaivours	3	2					2	3	3	3		2	4		1
EUT 378	Fashion Design	3	3	3	2	2		3			3		2	2	2	2
EUT 400	Design Management	2	3		2			2	2		4		3	3	3	5
EUT 403	Design Competition Project	4	2	5	3	2	4	5			4		4	2	2	5
EUT 418	Packaging Design	3	3	3	2	2		3			3		2	2	2	2
EUT 425	Design Methods	5	5	2				3			3		2	4		2
EUT 429	Design Theory	2	3	2				3			3		2	4		2
EÜT 437	Urban Furniture Design	1	2	3		2					2		3		2	2