BSc in Electronics Engineering Program Outcomes	NATIONAL QUALIFICATIONS OF RELATED FIELDS*																						
	ENGINEERING & ENGINEERING TRADES																						
	A1	B1	B2	B3	B4	B5	C1	C2	D1	D2	D3	D4	D5	D6	D7	E1	E2	E3	E4	E5	F1	F2	F3
1 Understand the world, their country, their society, as well as themselves and have awareness of ethical problems, values and responsibility to the self and to others																				X	X	X	X
2 Understand different disciplines from natural and statistical sciences to social sciences and art, and develop multidisciplinary approachs in thinking and practice		X								X													
3 Think critically, follow innovations and developments in science and technology, demonstrate personal and organizational entrepreneurship and engage in life-long learning in various subjects.					X			X	X	X			X						X	X			X
4 Communicate effectively by oral, written, and graphical means in both English and Turkish.																	X						
5 Take individual and team responsilibity, function effectively and respectively as an individual and a member or a leader of a team.						X									X							X	
6 Possess and apply knowledge of mathematics, science, and engineering.	X	X								X													
7 Design and conduct research, do experiments, as well as analyze and interpret data.					X																		
8 Identify, formulate, and solve engineering problems.			X	X								X											
9 Use the techniques, skills, and modern engineering tools necessary for engineering practice.				X	X								X	X	X								
10 Analyze, Design and model engineering systems, components and processes.			X	X								X	X					X					
11 Use mathematics (including derivative and integral calculations, probability and/or statistics), basic sciences, computer and programming, and electronics engineering knowledge to design and analyze complex electronics circuits, instruments, software and electronics systems with hardware/software.		X	X	X	X					X	X	X	X			X		X		X			
12 Analyze and design communication networks and systems, signal processing algorithms or software using advanced knowledge on diferential equations, linear algebra, complex variables and discrete mathematics.		X	X	X	X					X	X	X	X					X		X			

* Please check http://tyyc.yok.gov.tr/ for the list of national qualifications. The numbers represent the qualifications in the below system:

A: KNOWLEDGE, Theoretical & Factual

B: SKILL, Cognitive & Applied

C: COMPETENCY, Working Independently & Taking Responsibility

D: COMPETENCY, Ability to Learn

E: COMPETENCY, Communication & Social Competencies

F: COMPETENCY, Field Specific