

MS in ELECTRONIC ENGINEERING (WITH THESIS) PROGRAM OUTCOMES		NATIONAL QUALIFICATIONS OF RELATED FIELD*																												
		ENGINEERING																												
		A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	E1	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3
1	Develop the ability to use critical, analytical, and reflective thinking and reasoning	x			x		x	x	x		x					x		x	x			x			x	x				
2	Reflect on social and ethical responsibilities in his/her professional life.																				x						x			
3	Gain experience and confidence in the dissemination of project/research outputs																			x										x
4	Work responsibly and creatively as an individual or as a member or leader of a team and in multidisciplinary environments.	x								x	x												x						x	
5	Communicate effectively by oral, written, graphical and technological means and have competency in English.																			x										x
6	Independently reach and acquire information, and develop appreciation of the need for continuously learning and updating.		x		x		x	x										x							x	x				
7	Design and model engineering systems and processes and solve engineering problems with an innovative approach.	x	x	x		x	x	x			x	x	x	x			x	x	x					x	x	x			x	
8	Establish experimental setups, conduct experiments and/or simulations.		x	x		x	x		x			x	x		x		x	x						x	x		x		x	
9	Analytically acquire and interpret data.		x	x		x			x			x			x		x							x			x		x	
10	Use advanced Math (including probability and/or statistics), advanced sciences, advanced computer and programming, and advanced Electronics engineering knowledge to design and analyze complex electronics circuits, instruments, software and electronic systems with hardware/software.	x									x												x							
11	Analyze and design advanced communication networks and systems, advanced signal processing algorithms or software using advanced knowledge on diff. equations, linear algebra, complex variables and discrete math.						x						x					x												x

\* Please check <http://tyyc.yok.gov.tr/> for the list of national qualifications.

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