



ANKARA YILDIRIM BEYAZIT UNIVERSITY
Electrical and Electronics Engineering Department
MSc - PhD Entrance Exam

In the written exam, you will select and answer **only 5** of the questions from the following subjects.

	Select ✓	SUBJECT	SUGGESTED BOOK*
SOLVE ONLY 5 QUESTIONS		1. <i>Electrical Circuits</i>	<i>Alexander & Sadiku, Fundamentals of Electric Circuits</i>
		2. <i>Electronics</i>	<i>Razavi, Fundamentals of Microelectronics</i>
		3. <i>Electromagnetic Fields</i>	<i>Cheng, Field and Wave Electromagnetics</i>
		4. <i>Digital Design</i>	<i>Mano & Ciletti, Digital Design</i>
		5. <i>Programming</i>	<i>Dietel, C How to Program</i>
		6. <i>Microprocessors</i>	<i>Valvano, Embedded Systems: Introduction to Arm Cortex-M Microcontrollers</i>
		7. <i>Control Systems</i>	<i>N.Nise, Control Systems Engineering</i>
		8. <i>Signals and Systems</i>	<i>Oppenheim, Signals and Systems</i>
		9. <i>Telecommunications</i>	<i>Proakis & Salehi, Fundamentals of Communication Systems, 2nd Ed.</i>
		10. <i>Power Electronics</i>	<i>M.Rashid, Power Electronics: Devices ..., D.Hart, Power Electronics</i>
		11. <i>Distribution Systems</i>	<i>Turan Gönen, Electric Power Distribution Engineering</i>
		12. <i>Electromechanical Energy Conversion</i>	<i>Chapman, Electric Machinery Fundamentals</i>

* The exam questions are NOT constrained with the specified books.

Note: In the exam, if you don't put a check mark above "✓" next to the subject you solved, it will NOT be graded!