



المصادر المعتمدة	المادة
Fundamentals of Electric Circuits – Charles K. Alexander & Matthew N.O. Sadiku – 4th Edition	الدوائر الكهربائية
1- Advanced Engineering Mathematics – 6th Edition 2- Linear Algebra and Its Applications – 5th Edition 3- Thomas' Calculus – 14th Edition	الرياضيات
1- Digital Fundamentals (11th Edition), Thomas Floyd, published by Pearson Education, 2015. 2- Boylestad, R., and Louis Nashelsky. "Electronic Devices and Circuits Theory." Ed. (2001).	الإلكترونيك رقمي وتمائلي
1- Bruce Carlson, P.B. Crilly, Communication Systems, 5th ed., McGraw-Hill, 2010, ISBN:978-0-07-338040-7. 2- B. Sklar and F. Harris, Digital Communications Fundamentals and Applications, Pearson Education, Inc., 3rd Edition, 2021. 3- J. G. Proakis and M. Salehi, Digital Communications, McGraw-Hill Companies, 5th Edition, 2008.	اتصالات تماثلية ورقمية
1- Feedback Control of Dynamic Systems (What's New in Engineering) – 8th Edition 2- Control Systems Engineering – 7th Edition	السيطرة
1- Fundamentals of Electric Circuits – Charles K. Alexander & Matthew N.O. Sadiku – 4th Edition 2- Signals, Systems, and Transforms – Charles L. Phillips, Eve Ann Riskin, and John M. Parr – 4th Edition 3- Digital Signal Processing: Principles, Algorithms and Applications – (4th Edition)	إشارات ونظم ومعالجة إشارات رقمية
1- Engineering Electromagnetics – 6th Edition 2- Elements of Electromagnetics (The Oxford Series in Electrical and Computer Engineering) – 6th Edition	مجالات كهرومغناطيسية