



INTER AMERICAN UNIVERSITY OF PUERTO RICO
 BAYAMON CAMPUS
 SCHOOL OF ENGINEERING
 ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT

January-May 2021
BOOK LIST

COURSE	BOOK TITLE	AUTHOR	EDITION	ISBN	PUBLISHER	ESTIMATED PRICE
ELEN						
ELEN 3301/ 3302	Electric Circuits	Nilsson, James, Riedel Susan	11th	978-0134746968	Pearson	\$259.99
ELEN 3311/ 3312	Electronic Devices and Circuit Theory (ebook)	Boylestad	11th	978-0132622264	Pearson	\$39.99
ELEN 3320/ ELEN 4410	Digital Design	Mano Morris	6th	978-0134549897	Pearson	\$246.65
ELEN 3360	Fundamentals of Applied Electromagnetics	Umberto Ravaioli Ulaby, Fawwaz T	7th	978-0133356816	Pearson	\$206.65
ELEN 3430	Engineering Signals & Systems	Yagle, Andrew E. Ulaby, Fawwaz T	1st	978-1934891162	NTS Press	\$189.00
ELEN 4020	The AVR Microcontroller and Embedded Systems Using Assembly and C: Using Arduino Uno and Atmel Studio	Muhammad Ali Mazidi Sarmad Naimi	2nd	978-0997925968	MicroDigitalEd	\$23.75
ELEN 4351	Power System Analysis and Design	J. Duncan Glover	5th	978-1305632134	Cengage	\$204.98
ELEN 4375	Understanding the National Electrical Code Vol. 1	Mike Holt		978-1950431076	Holt Enterprise	\$68.40
ELEN 4415	Power Electronics	Hart D. W	1st	9780073380674	McGraw-Hill	\$151.20
ELEN 4610	An Introduction to Digital and Analog Communications	Haykin Simon	2nd	978-0471432227	Wiley	\$254.11
ELEN 4810	Design for Electrical and Computer Engineering	Ford, Ralph	1st	978-0-073-38035-3	McGraw Hill	\$85.25
COEN						
COEN 2210	Starting Out with C++ from Control Structures to Objects (ebook)	Tony Gaddis	9th	978-0072362251	Pearson	\$34.99
COEN 2220	Fundamentals of Object-Oriented Programming in Java	Permanand Mohan	1st	978-1482587524	CreateSpace Independen	\$39.95
COEN 2310	Discrete Mathematics	Richard Johnsonbaug	8th	9780321990136	Pearson	\$39.99
COEN 4420	Modern Database Management	Jeff Hoffer Ramesh Venkataraman Heikki Topi	13th	978-0-13-479227-9	Pearson	\$74.99
COEN 4422	Designing the User Interface: Strategies for Effective Human-Computer Interaction	Ben Shneiderman	6th	9780134380834	Pearson	\$157.95
COEN 4510	Computer Organization and Architecture	Stallings, William	11th	978-0135188972	Pearson	\$74.99
ENGR						
ENGR 2130	Matlab: A Practical Introduction to Programming and Problem Solving	Stormy Attaway	5th	978-0128154793	Butterworth- Heinemann	\$48.71