

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

BOOK LIST August-December 2025

| COURSE | BOOK TITLE | AUTHOR | EDITION | ISBN-13 | PUBLISHER | ESTIMATED PRICE |
|-----------|---|--|---------|-------------------|------------------------------|-----------------|
| ENGR | | | | | | |
| ENGR 1100 | Introduction to Engineering | Paul H. Wright | 3rd | 978-0-471-05920-2 | Wiley | \$85.95 |
| ENGR 2130 | Matlab: A Practical Introduction to Programming and Problem Solving | Stormy Attaway | 6th | 978-0323917506 | Butterworth-Heinemann | \$70.00 |
| ELEN | | | | | | |
| ELEN 3301 | | | | | Pearson | \$165.11 |
| ELEN 3302 | Electric Circuits | James Nilsson Susan Riedel | 12th | 9780137648375 | | |
| ELEN 3311 | Electronic Devices and Circuit Theory | R. Boylestad | 11th | 978-0136064633 | | \$215.42 |
| ELEN 3320 | Digital Design - Principles and Applications | Widmer, Neal Moss, Gregory Tocci, Ronald | 12th | 978-0134220130 | | \$191.99 |
| ELEN 3430 | Signals and Systems: Theory and Applications | Fawwaz T. Ulaby Andrew E. Yagle | - | 978-1607854869 | Michigan Publishing Services | \$63.84 |
| ELEN 4327 | Measurement and Instrumentation Theory and Application | Allan S. Moris Reza Langari | 3rd | 978-0128171417 | Academic Press | \$90.05 |
| ELEN 4351 | Power System Analysis and Design | J. Duncan Glover Thomas J. Overbye Mulukutla Sarma Adam B. Birchfield | 7th | 978-0357676271 | Cengage | \$199.99 |
| ELEN 4352 | | | | | | |
| ELEN 4410 | Digital Systems Principles and Applications | Ronald Tocci Neal Widmer Gregory Moss | 12th | 978-0134220130 | Pearson | \$210.00 |
| ELEN 4415 | Power Electronics: Circuits, Devices & Applications | Muhammad Rashid | 4th | 978-0133125900 | | \$207.73 |
| ELEN 4509 | Modern Control Systems | Richard C. Dorf Robert H. Bishop | 14th | 9780137307258 | | \$74.99 |
| ELEN 4610 | Modern Digital and Analog Communications | B. P. Lathi Zhi Ding | 5th | 978-0190686840 | Oxford University | \$129.99 |
| ELEN 4810 | Professor's Note | | | | | |
| ELEN 4915 | | | | | | |