



INTERAMERICAN UNIVERSITY OF PUERTO RICO  
 BAYAMON CAMPUS  
 SCHOOL OF ENGINEERING  
 MECHANICAL AND ARCHITECTURAL ENGINEERING DEPARTMENT

**January - May 2023**  
**BOOK LIST**

COURSE	BOOK TITLE	AUTHOR	EDITION	ISBN-13	PUBLISHER	ESTIMATED PRICE
<b>ENGR</b>						
ENGR 2220	Fundamentals of Graphics Communications	Bertoline, Gary R.	7th	978-0073375397	MC Graw Hill	\$225.29
ENGR 3365	Electrical Engineering Principles and Applications	Hambley, A.R.	7th	978-0134484143	Pearson	\$232.69
<b>MECN</b>						
MECN 3005 MECN 3010	Engineering Mechanics: Statics & Dynamics	Hibbeler, R. C.	15th	978-0134780955	Pearson	\$334.82
MECN 3115	Fluid Mechanics	White, Frank	9th	978-1260258318	MC Graw Hill	\$177.12
MECN 3160	Theory of Ground Vehicles	Wong, J. Y.	5th	978-1119719700	Wiley	\$115.00
MECN 3165	Mechanics of Materials	Russell C. Hibbeler	10th	978-0134319650	Pearson	\$200.47
MECN 3200	Exploring Arduino: Tools and Techniques for Engineering Wizardry	Jeremy Blum	2nd	978-1119405375	Wiley	\$41.10
MECN 3250	Fundamentals of Modern Manufacturing: Materials, Processes and Systems	Mikell P. Groover	7th	978-1119722014	Wiley	\$202.82
MECN 3500	Numerical Methods for Engineering	Chapra, S Canale, R	8th	978-1260571387	MC Graw Hill	\$283.90
MECN 3600	Aircraft Propulsion	Saaed Farohki	3rd	978-1119718642	Wiley	\$130.04
MECN 4121	Fundamentals of Machine Component Design	Juvinall, Robert C. Marshek, Kurt M	6th	978-1118987681	Wiley	\$117.49
MECN 4201	Thermodynamics: An Engineering Approach	Cengel, Dr. Yunus A.	9th	978-1260048667	McGraw-Hill	\$258.39
MECN 4210	Heat Transfer: A Practical Approach	Cengel, Yunus	3rd	978-0070634534	MC Graw Hill	\$53.74
MECN 4305	Fundamentals Materials Science and Engineering: An Integrated Approach	Callister W.; John	4th	978-1119498926	Wiley	\$134.95
MECN 4405	Introduction to Finite Element in Engineering	Chandrupatla, T. Belegundu A.	5th	978-1108841412	Cambridge University Press	\$124.64
MECN 4710 MECN 4720 MECN 4730	No textbook is required. Laboratory User Manuals	-	-	-	-	-
MECN 4815 MECN 4910	No textbook required					
MECN 4930	FE Mechanical review manual	Lindeburg, M.R.	-	978-1591264415	Professional Publications	\$131.00