



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

**August-December 2022 (2023-10)**  
**BOOK LIST**

COURSE	BOOK TITLE	AUTHOR	EDITION	ISBN-13	PUBLISHER	ESTIMATED PRICE
<b>ENGR</b>						
ENGR 2220	Fundamentals of Solid Modeling and Graphic Communication	Bertoline, Gary R.	7th	978-1259538360	MC Graw Hill	\$136.02
<b>MECN</b>						
MECN 3005	Engineering Mechanics: Statics & Dynamics (eBook)	Hibbeler, R. C.	15th	978-0134780955	Pearson	\$84.99
MECN 3010	Engineering Mechanics: Dynamics	Hibbeler, R.C.	14th	978-0133915389	Pearson	\$197.32
MECN 3115	Fundamental of Fluid Mechanics	White, F.	9th	978-1260258318	McGraw-Hill	\$164.00
MECN 3165	Mechanics of Materials	Russell C. Hibbeler	10th	978-0134319650	Pearson	\$202.94
MECN 3250	Fundamentals of Modern Manufacturing: Materials, Processes and Systems	Groover, M. P	7th	978-1119722014	Wiley	\$157.69
MECN 3400	Space Mission Analysis and Design	Wiley J. Larson	3rd	978-1881883104	Space Technology Library	\$225.00
MECN 3350	Performance and Aircraft Design	John Anderson	-	978-0070019713	McGraw-Hill	\$92.51
MECN 4105	Mechanical Vibrations	Singiresu S. Rao	6th	978-0134361307	Pearson	\$207.99
MECN 4110	Design of Machinery	Norton, Robert L.	6th	9781260113310	McGraw- Hill	\$164.00
MECN 4122	Fundamentals of Machine Component Design	Juvinall, Robert C	7th	978-1-119-47568-2	Wiley	\$166.95
MECN 4201	Thermodynamics: An Engineering Approach	Cengel, Yunus	9th	978-1259822674	McGraw-Hill	\$263.75
MECN 4202						
MECN 4405	Finite Element Analysis: Theory and Application with ANSYS	Saeed Moaveni	4th	978-0133840803	Pearson	\$223.00
MECN 4610	Modeling and Analysis of Dynamic Systems	Close C. M.	3rd	978-0-471-39442-6	Wiley	\$239.95
MECN 4710	Professor's Notes	-	-	-	-	-
MECN 4720						
MECN 4730						
MECN 4910						
<b>AREN</b>						
AREN 2220	Technical Drawing with Engineering Graphics	Frederick E. Giesecke Shawna Lockhart Marla Goodman Cindy M. Johnson	15th	978-0134306414	Pearson	\$121.99