



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

BOOK LIST
January - May 2024

COURSE	BOOK TITLE	AUTHOR	EDITION	ISBN-13	PUBLISHER	ESTIMATED PRICE
<i>ENGR</i>						
ENGR 2220	Fundamentals of Graphics Communications	Bertoline, Gary R.	7th	978-1259538360	McGraw Hill	\$147.76
<i>MECN</i>						
MECN 3005	Engineering Mechanics: Statics & Dynamics	Hibbeler, R. C.	15th	9780134867267	Pearson	\$134.99
MECN 3010						
MECN 3115	Fluid Mechanics	White, Frank Xue, Henry	9th	9781260446531	McGraw Hill	\$205.57
MECN 3165	Mechanics of Materials	Hibbeler, Russell C.	11th	9780137605279	Pearson	\$149.99
MECN 3250	Fundamentals of Modern Manufacturing: Materials, Processes and Systems	Groover, Mikell P.	7th	978-1-119-47521-7	Wiley	\$200.00
MECN 3350	Aircraft Design: A Conceptual Approach	Raymer, Daniel P.	6th	978-1624104909	American Institute of Aeronautics & Ast.	\$114.95
MECN 3500	Numerical Methods for Engineering	Chapra, Steven Canale, Raymond	8th	9781260232073	McGraw Hill	\$234.00
MECN 3600	Aircraft Propulsion	Farohki, Saaed	3rd	978-1119718642	Wiley	\$130.56
MECN 4121	Fundamentals of Machine Component Design	Juvinall, Robert C. Marshek, Kurt M	7th	978-1119723608		\$146.29
MECN 4201	Thermodynamics: An Engineering Approach	Cengel, Yunus A. Boles, Michael	9th	978-1265899974	McGraw Hill	\$249.75
MECN 4202						
MECN 4210	Heat Transfer: A Practical Approach	Cengel, Yunus	3rd	978-0070634534		\$52.19
MECN 4235	Principles of Heating, Ventilation, and Air Conditioning in Buildings	Mitchell, John W. Braun, James E.	1st	978-0-470-62457-9	Wiley	\$230.95
MECN 4305	Fundamentals Materials Science and Engineering: An Integrated Approach	Callister, William D. Rethwisch, David G.	6th	978-1-119-76463-2		\$134.95
MECN 4710	No textbook is required.					
MECN 4730						
MECN 4815						
MECN 4930	FE Mechanical Review Manual	Lindeburg, Michael R.	1st	9781591264415	PPI, a Kaplan Company	\$149.00