**Purdue University Polytechnic Institute New Albany**

**Textbook Information**

**Spring 2022**

**MET 102 – Production Design and Specifications**

INSTRUCTOR: Webster, Rustin

MODALITY: In person

TEXTBOOK: No textbook required

**MET 111 – Applied Statics**

INSTRUCTOR: Dues, Joe

MODALITY: In person (M/W, 1:30 pm – 3:20 pm)

TEXTBOOK: Engineering Mechanics: Statics, 14th Edition; Russell C. Hibbeler, University of Louisiana,

Lafayette. ISBN-13: 978013391892

<https://www.pearson.com/us/higher-education/product/Hibbeler-Engineering-Mechanics-Statics-14th-Edition/9780133918922.html>

**MET 144 – Materials and Processes II**

INSTRUCTOR: Webster, Rustin

MODALITY: In person

TEXTBOOK: Kalpakjian, S., & Schmid, S. (2020). Manufacturing Engineering and Technology (8th ed.).

London, United Kingdom: Pearson.(Recommended to purchase vs rent, text will be used in MET 245)

eText: <https://rb.gy/dggmlh>

**MET 213 – Dynamics**

INSTRUCTOR: Sisk, Damon

MODALITY: In person

TEXTBOOK: Mechanics for Engineers: Dynamics, 5th Edition; Beer & Johnston; McGraw-Hill

ISBN-10: 978-0-07-246477-1

**MET 230 – Fluid Power**

INSTRUCTOR: Cooley, Tim

MODALITY: In person

TEXTBOOK: Instructor will provide information on Brightspace

**MET 284 – Introduction to Industrial Controls**

INSTRUCTOR: Sisk, Damon

MODALITY: In person

TEXTBOOK: Fundamentals of Programmable Logic Controllers, Sensors, and Communications,

3rd Edition; Stenerson; Pearson/Prentice Hall

ISBN-10: 0-13-061890

**MET 302 – CAD in the Enterprise**

INSTRUCTOR: Webster, Rustin

MODALITY: In person

TEXTBOOK: No textbook required

**MET 320 – Applied Thermodynamics**

INSTRUCTOR: Sisk, Damon

MODALITY: In person

TEXTBOOK: Thermodynamics, and Engineering Approach, 7th Edition; Cengel & Boles; McGraw-Hill

ISBN-10: 978-0-07-352932-5

**MET 346 – Advanced Materials in Manufacturing**

INSTRUCTOR: Cooley, Tim

MODALITY: In person

TEXTBOOK: Instructor will provide information on Brightspace

**MET 382 – Controls and Instrumentation for Automation**

INSTRUCTOR: Sisk, Damon

MODALITY: In person

TEXTBOOK: No textbook required

**MET 436 – Pneumatic Motion Control Systems**

INSTRUCTOR: Cooley, Tim

MODALITY: In person

TEXTBOOK: No textbook required

**MFET 24800 Introduction to Robotics**

INSTRUCTOR: Fuehne, Joe (Columbus)

TEXTBOOK: No textbook required

**MFET 37400 Manufacturing Integration I**

INSTRUCTOR: Deodeshmukh, Rashmi (Anderson)

TEXTBOOK: Data Communications and Networking, Behrouz Forouzan, McGraw Hill, 5th edition, ISBN 0073376221.