

Spring 2022 Textbook List

Polytechnic South Bend

December 16, 2021

Courses with a ? have not had the textbooks confirmed for Spring 2022. Books listed are from a previous semester. Do not order. All other listings are confirmed as of date noted above but instructors could make additional changes. Check refund options before purchasing.

ANTH 20500 Human Cultural Diversity (BSS) NEW

INSTRUCTOR: Howard, Bradley (Statewide)

NEW TEXTBOOK: Cultural Anthropology (12th Edition), Serena Nanda and Richard Warms, Sage Publications, ISBN-13: 978-1544333915.

ASTR 26400 Stars and Galaxies (SCI)

INSTRUCTOR: Holcomb, Michael (Kokomo)

TEXTBOOK: Cosmic Perspective, 9th Edition, E-Text with Mastering Combo: ISBN-13: 9780136904496, Physical Textbook Only: ISBN-13: 9780134874364 [both the textbook and the Mastering Astronomy program are required. The combo includes a virtual textbook and the program. The physical textbook does not include the program.]

CHM 11100 General Chemistry

INSTRUCTOR: Creech, Rebecca (Kokomo)

TEXTBOOK: Chemistry, Chang, 13th Edition, ISBN-13: 9781260694420.

COM 21200 Interpersonal Communication (BSS)

INSTRUCTOR: Sylvester, Rachael (South Bend)

TEXTBOOK: Looking Out, Looking In, 15th Edition, Ronald B. Adler; Russell F. Proctor II, ISBN-13: 978-1305076518.

COM 32000 Small Group Communication (OC)

INSTRUCTOR: Sylvester, Rachael (South Bend)

TEXTBOOK: Communicating in Small Groups, 12th Edition, Beebe, Pearson Publishing, ISBN-13: 978-0135712160. Available at www.chegg.com, Barnes and Noble, or from the publisher.

ECET 17700 Data Acquisition and Systems Control

INSTRUCTOR: Taylor, Kevin (Kokomo/South Bend)

TEXTBOOK: Professor will provide details.

ECET 17900 Introduction to Digital Systems

INSTRUCTOR: Passwater, Mike (South Bend)

TEXTBOOK: The AVR Microcontroller and Embedded Systems Using Assembly and C: Using Arduino Uno and Atmel Studio, 2nd Edition, Muhammad Ali Mazidi, Sepehr Naimi and Sarmad Naimi, ISBN-13: 978-0997925968

ECET 27000 Electronics Prototype Development and Construction

INSTRUCTOR: Passwater, Mike (South Bend)

TEXTBOOK: No textbook required.

ECET 27400 Wireless Communications

INSTRUCTOR: Passwater, Mike (South Bend)

TEXTBOOK: No textbook required.

ECET 27900 Embedded Digital Systems

INSTRUCTOR: Passwater, Mike (South Bend)

TEXTBOOK: The AVR Microcontroller and Embedded Systems Using Assembly and C: Using Arduino Uno and Atmel Studio, 2nd Edition, Muhammad Ali Mazidi, Sepehr Naimi and Sarmad Naimi, ISBN-13: 978-0997925968

ECET 30201 Introduction to Industrial Controls

INSTRUCTOR: Sorenson, Matthew (South Bend)

TEXTBOOK: Technician's Guide to Programmable Controllers, 6th Edition, Richard A. Cox (Author), ISBN-13: 978-1111544096.

ECET 31800 Foundations of Audio Electronics

INSTRUCTOR: Jacobs, Mike (WL)

TEXTBOOK: No textbook. All readings provided on Brightspace. ISBN-13:

ECET 32700 Instrumentation and Data Acquisition Design

INSTRUCTOR: Deodeshmukh, Rashmi (Anderson)

??TEXTBOOK: Measurement and Instrumentation: Theory and Application, Second Edition, (2016) by Alan s Morris and Reza Langari, Elsevier Publishing. ISBN-13: 978-0128008843.

ECET 38001 Global Professional Issues in Engineering Technology

INSTRUCTOR: Taylor, Kevin (Kokomo/South Bend)

TEXTBOOK: No textbook required.

ECON 21000 Principles of Economics (BSS)

INSTRUCTOR: Bewley, William (Columbus)

TEXTBOOK: Issues in Economics Today, 9th Edition, Guell, Robert, ISBN-13: 978-1260225327.

ENGL 42100 Technical Writing

INSTRUCTOR: Searfoss, Cyndy (South Bend)

TEXTBOOK: Technical Communication, 13th Edition, by Mike Markel and Stuart Selber (bedford/st. martin's/Macmillian Learning), ISBN-13: 978-1319245009.

ENGT 48100 Engineering Technology Capstone II

INSTRUCTOR: Leach, Sarah (South Bend)

TEXTBOOK: No textbook required.

HIST 15100 American History to 1877 (HUM)

INSTRUCTOR: Sparks, Michael (Statewide)

TEXTBOOK: The American People: Creating a Nation and a Society, Concise Edition Volume 1, Nash, Jeffrey, Howe, Frederick, Davis, Winkler, Mires & Pestana, Pearson 2017, ISBN-13: 978-0134170008.

IET 21400 Intro to Supply Chain Management

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

TEXTBOOK: Supply Chain and Logistics Management Made Easy: Methods and Applications for Planning, Operations, Integration, Control and Improvement, and Network Design, 1st Edition, Paul A. Myerson, ISBN-13: 978-0-13-399334-9.

IET 31300 Technology Innovation & Integration: Bar Codes to Biometrics

INSTRUCTOR: Bewley, Mike (Columbus)

TEXTBOOK: Programming Arduino: Getting Started with Sketches, Second Edition (Tab), by Simon Monk, ISBN-13: 978-1259641633.

SUPPLIES: ELEGOO Upgraded 37 in 1 Sensor Modules Kit with Tutorial for Arduino UNO R3 MEGA 2560 Nano 2016 New Version,
https://www.amazon.com/gp/product/B01MG49ZQ5/ref=ox_sc_act_title_2?smid=A2WWHQ25ENKVJ1&pvc=1

SUPPLIES: Freenove Ultimate Starter Kit for Arduino | Beginner Learning | UNO R3 MEGA Nano Micro | Processing Oscilloscope Voltmeter | 51 Projects, 260 Pages Detailed Tutorials, 210+ Components,
<https://www.ebay.com/itm/302057861688?hash=item46540d3238:g:jlMAAOSwLQtf9Ssj>

SUPPLIES: Optical Fingerprint Reader Sensor Module Door Lock Access Control for Arduino Mega2560 UNO R3 Geekstory, https://www.amazon.com/Optical-Fingerprint-Control-Mega2560-Geekstory/dp/B07BQ9VNWR/ref=sr_1_4?ie=UTF8&qid=1546531608&sr=8-4&keywords=arduino+fingerprint+sensor

SUPPLIES: Green Light Optical Fingerprint Reader Sensor Module for Arduino Mega2560 UNO R3 DIYmall, https://www.amazon.com/Optical-Fingerprint-Arduino-Mega2560-DIYmall/dp/B07551XV2T/ref=sr_1_3?ie=UTF8&qid=1546531608&sr=8-3&keywords=arduino+fingerprint+sensor

IET 31600 Statistical Quality Control

INSTRUCTOR: Parker, Thomas (Vincennes)

TEXTBOOK: Managing, Controlling and Improving Quality, Montgomery, Jennings, and PFund, Wiley 2011, ISBN-13: 978-0471697916.

IET 33400 Economic Analysis for Technology Systems

INSTRUCTOR: Schaffer, Andy (New Albany)

TEXTBOOK: Engineering Economy, 8th edition, Blank & Tarquin, 2018, McGraw-Hill (the same textbook that's used in WL). Students may rent or purchase a hard copy of the textbook:
ISBN-13: 978-0073523439.

Or, they may use McGraw-Hill Connect, and purchase a 6-month access to the e-book:
ISBN-13: 978-1259676819.

IET 33520 Human Factors for Tech Systems

INSTRUCTOR: Phil Murray (Vincennes)

??TEXTBOOK: Industrial Safety & Health Management, 7th Edition, Asfahl & Rieske,
ISBN-13: 978-0134630564.

IET 34200 Warehouse & Inventory Management

INSTRUCTOR: McCart, Andrew (New Albany)

TEXTBOOK 1: Cellular Manufacturing: One-Piece Flow for Workteams, (Volume 2) 1st Edition, by Productivity Development Team. Publisher: Productivity Press; 1 edition (March 5, 1999), ISBN-13: 978-1563272134.

TEXTBOOK 2: Essentials of Inventory Management Hardcover, Second Edition, by Max Muller, Publisher: AMACOM; April 25, 2011, ISBN-13: 978-0814416556.

IET 34300 Technical & Service Selling

INSTRUCTOR: Wolf, Tammy (Lafayette)

TEXTBOOK: Selling: Building Partnerships Connect version, 11th Edition, Stephen Castleberry and John Tanner, ISBN-13: 978-1264072040 (Connect access card with ebook included).

IET 43530 Operations Planning & Management

INSTRUCTOR: Pall, Gerry (Anderson)

TEXTBOOK: Operations Management Flexible Version, 10th Edition, Heizer, Jay and Render, Barry. Prentice Hall, New Jersey, ISBN-13: 978-0132163927. Do not use newer edition.

IET 43540 Facility Design for Lean Manufacturing

INSTRUCTOR: Fay Barber-Dansby (Anderson)

TEXTBOOK: Manufacturing Facilities Design and Material Handling, 6th Edition, Pearson Publishing, Matthew Stephens, ISBN-13: 978-1557538598.

IET 43630 Design of Experiments

INSTRUCTOR: Maley, James (Richmond)

TEXTBOOK: No textbook needed. Materials will be provided in Brightspace at no cost.

IET 43640 Lean Six Sigma

INSTRUCTOR: Maley, James (Richmond)

NEW TEXTBOOK: Lean Six Sigma and Minitab (6th Edition): The Complete Toolbox Guide for Business Improvement – January 1, 2020, ISBN13-: 978-0995789944.

MA 16010 Applied Calculus I

INSTRUCTOR: Griffith, Raymond (South Bend)

TEXTBOOK: ISBN 978-0357700006, CENGAGE, 1 Term (4 months) Instant Access (continued access for MA 16020 no additional cost)

MET 11100 Applied Statics

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK: Applied Mechanics for Engineering Technology, 8th Edition, ISBN-13: 978-0131721517. Optional.

MET 14400 Materials and Processes II

INSTRUCTOR: Leach, Sarah (South Bend)

TEXTBOOK: Degarmo's Materials and Processes in Manufacturing, JT Black and Ronald A Kohser, 12th Edition, ISBN-13: 978-1118987674 or 13th Edition, ISBN-13: 978-1119492825.

MET 21300 Dynamics

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK: Applied Mechanics for Engineering Technology, 8th Edition, ISBN-13: 978-0131721517. Optional.

MET 23000 Fluid Power

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK: Fluid Power with Applications, Anthony B. Esposito, 7th Edition, ISBN-13: 978-0135136904. Optional

MET 28400 Introduction to Industrial Controls

INSTRUCTOR: Sorenson, Matthew (South Bend)

TEXTBOOK: Technician's Guide to Programmable Controllers, 6th Edition, Richard A. Cox (Author), ISBN-13:978-1111544096.

MET 31400 Application to Machine Elements

INSTRUCTOR: Wise, Douglas (South Bend)

TEXTBOOK: Machine Elements in Mechanical Design, 6th Edition, Robert L. Mott, ISBN-13: 978-0134441184.

MET 32000 Applied Thermodynamics

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK: Thermodynamics, 8th Edition, Cengel & Boles, ISBN-13: 978-0073398174. Optional.

MET 34600 Advanced Materials in Manufacturing

INSTRUCTOR: Leach, Sarah (South Bend)

TEXTBOOK: No textbook required.

MET 38200 Controls and Instrumentation for Automation

INSTRUCTOR: Sisk, Damon (New Albany)

TEXTBOOK: No textbook needed. Materials will be available online at no cost.

MGMT 20000 Introductory Accounting

INSTRUCTOR: Wolf, Tammy (Lafayette)

Will be changing TEXTBOOK: Financial Accounting: Tools for Business Decision Making, 9th ed, Kimmel, Paul D., ISBN-13: 978-1119493563.**OLS 37500 Training Methods**

INSTRUCTOR: Gull, Charles (Statewide)

?TEXTBOOK:**OLS 38600 Leadership for Organizational Change and Innovation**

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

TEXTBOOK: Managing Organizational Change: A Multiple Perspectives Approach, 4th Edition, By Ian Palmer and Richard Dunford and David Buchanan, ISBN13: 9781260043716. [Do not order a book. The textbook is online only. To access, contact the instructor noted above, abarberd@purdue.edu with your request. She will email you the pdf link].**PHIL 11000 The Big Questions: Introduction to Philosophy (HUM)**

INSTRUCTOR: Blum, Elaine (Statewide)

TEXTBOOK 1: Plato, Republic, trans. Desmond Lee (Penguin Classics), ISBN-13: 978-0140455113.TEXTBOOK 2: Renee Descartes, Meditations on First Philosophy, 3rd edition, trans. Donald Cress (Hackett, 1993). ISBN-13: 978-0872201927.TEXTBOOK 3: David Hume, Inquiry Concerning Human Understanding, 2nd ed., ed. Eric Steinberg (Hackett, 1993). ISBN-13: 978-0872202290.TEXTBOOK 4: John Dewey, Reconstruction in Philosophy (Dover, 2004). ISBN-13: 978-0486434384.**SCLA 10100 Transformative Texts, Critical Thinking And Comm I: Antiquity to Modernity (IL/WC)**

INSTRUCTOR: Shelton, Ellen (Statewide)

TEXTBOOK 1: Handbook: Little Seagull Handbook, W. W. Norton & Company; Third edition, (December 22, 2016), ISBN-13: 978-0393602630.TEXTBOOK 2: Utopia, Thomas More-Series, Penguin Classics; Reissue edition (May 6, 2003), ISBN-13: 978-0140449105.TEXTBOOK 3: The Travels of Marco Polo-Marco Polo, Penguin Classics; Reissue edition (September 30, 1958), ISBN-13: 978-0140440577.TEXTBOOK 4: Cabeza de Vaca's Adventures in the Unknown Interior of America, Alvar Nunez Cabeza de Vaca, Independently published (December 8, 2016), ISBN-13: 978-1520103754.TEXTBOOK 5: Some Reflections Upon Marriage, Mary Astell, Saltar's Point Press (March 29, 2014), ISBN: 978-0615964058.TEXTBOOK 6: Pride and Prejudice, Jane Austen, Penguin Books; Reprint. edition (December 31, 2002), ISBN-13: 978-0141439518.**???** SCLA 10200 Transformative Texts, Critical Thinking And Comm II: Modern World

INSTRUCTOR: Detlefsen, Andrea (South Bend)

TEXTBOOK:

SOC 10000 Introductory Sociology (BSS)

INSTRUCTOR: Gregg, Karen (Statewide)

NEW TEXTBOOK: You May Ask Yourself, 2020 CORE 7th Ed. (ONLY), by Dalton Conley, ISBN-13: 978-0393428322. They will need the access code that comes with the book. If they buy it used, they will not have access to some of the materials in the course. It is best to buy it new. The online version is okay too. The online version comes with access to all the resources they need to be successful.

STAT 30100 Elementary Statistics

INSTRUCTOR: Griffith, Raymond (South Bend)

TEXTBOOK: Introductory Statistics: A First Course v2.0, Douglas S. Shafer and Zhiyi Zhang, Published: 2018 in Flat World Knowledge, Discipline: Math & Statistics Textbooks, ISBN-13: 978-1453388952. <https://students.flatworldknowledge.com/course/2598806>

TECH 33000 Technology and the Global Society

INSTRUCTOR: Summers, Michele (Statewide); summer Tanoos, Jim (Vincennes)

TEXTBOOK: none required. All materials will be included in Brightspace at no additional cost.

TLI 11200 Foundations of Organizational Leadership

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

TEXTBOOK: Organizational Behavior: Bridging Science and Practice, Bauer, T., & Erdogan, B. (2021), V. 4.0. This e-book can be ordered through FlatWorld website. Student link: <https://students.flatworldknowledge.com/course/2598833>.