

Textbook List Fall 2021

August 19, 2021

ANTH 20400 Human Origins (SCI)

INSTRUCTOR: Howard, Bradley (Statewide)

TEXTBOOK: Our Origins: Discovering Biological Anthropology, Clark Spencer Larsen 5th ed, W. W. Norton, 2020. ISBN 978-0393680881.

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.]

CGT 10301 Geometric Modeling Applications

INSTRUCTOR: Astheimer, Rosemary (West Lafayette)

NEW TEXTBOOK 1: Essentials of Parametric Solid Modeling,

<https://www.eacademicbooks.com/BookDetail.asp?product=EOPSM> Camba, Fuerst, Mueller, Hartman. eAcademicBooks. It is only available as an eBook.

NEW TEXTBOOK 2: Solid Professor, <https://www.solidprofessor.com/>. It is also an online-only resource.

CHM 11100 General Chemistry

INSTRUCTOR: Beier, Alejandra (Statewide)

TEXTBOOK: Chemistry, Chang, 13th edition with McGraw-Hill Connect online homework program. When you purchase Connect it includes an electronic copy of the textbook, Chang, Chemistry, 13th edition (ISBN: 9781260694420). You can purchase Connect directly through McGraw-Hill. If you would like a physical textbook (loose-leaf version) as well, you must purchase Connect directly through McGraw-Hill online (ISBN: 9781260694857). If you are using an old book (any edition) you will still need to purchase access to the Connect program and that will automatically include an electronic copy of the text.

LAB BOOK: Beyond Labz simulations delivered through TopHat.com.

<https://www.beyondlabz.com/higher-ed>.

CNIT 10500 Introduction to C Programming

INSTRUCTOR: Davison, Christopher (Richmond)

TEXTBOOK: Programming in C with ZyLabs, learn.zybooks.com.

COM 22400 Communicating in the Global Workplace (BSS)

INSTRUCTOR: Kerns, Elizabeth (Kokomo)

TEXTBOOK 1: Thank You for Being Late: An Optimist's Guide to Thriving in the Age of Accelerations (2 ed), Friedman, T. (2017), Picador. ISBN: 978-1250141224.

TEXTBOOK 2: The Culture Map: Breaking Through the Invisible Boundaries of Global Business, Meyer, E. (2014). Public Affairs. ISBN: 978-1610392501.

COM 32000 Small Group Communication (OC)

INSTRUCTOR: Sylvester, Rachael (South Bend)

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

ECET 22400 Electronic Systems

COURSE COORDINATOR: Herrick, Robert (West Lafayette)

TEXTBOOK: Purchasing instructions will be made available on Brightspace for materials and lab supplies.

ECET 22700 DC and Pulse Electronics

INSTRUCTOR: Oltz, Shawn (South Bend)

TEXTBOOK: No textbook required.

ECET 22900 Concurrent Digital Systems

INSTRUCTOR: Widmer, Neal

TEXTBOOK: Digital Systems: Principles and Applications 12th ED Widmer, Moss, Tocci

ISBN 978-0-13-422013-0. Do not purchase international version on-line, cheaper but incomplete.

ECET 33300 Power Electronics in Energy Systems

INSTRUCTOR: Carnes, Mark (Kokomo)

TEXTBOOK: Power Electronics A First Course, Mohan, Ned, ISBN: 978-1118074800

ECET 33700 Continuous Systems Analysis and Design

INSTRUCTOR: Deodeshmukh, Rashmi (Anderson)

TEXTBOOK: No textbook required.

ECET 37600 Electrical Energy Systems

INSTRUCTOR: Elshahat, Adel (New Albany)

TEXTBOOK: Electrical Power Systems Technology, Stephan Fardo and Dale Patrick, CRC Press.

ISBN: 978-1439800270. Not mandator. Students will be provided by instructor via online materials, online slides, recorded videos, Brightspace and Boliercast.

ECET 38800 Analog IC Applications

INSTRUCTOR: Jacob, Mike (West Lafayette)

TEXTBOOK: Materials will be available online using eText from Skyepack.

ECON 21000 Principles of Economics (BSS)

INSTRUCTOR: Bewley, William (Columbus)

NEW TEXTBOOK: Issues in Economics Today, 9th edition, Guell, Robert, ISBN13: 9781260225327.

ENGL 42100 Technical Writing

INSTRUCTOR: Searfoss, Cyndy (South Bend)

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

ENGT 18000 Engineering Technology Foundations

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK: No textbook required.

ENGT 18100 Engineering Technology Applications

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK: No textbook required.

ENGT 48000 Engineering Technology Capstone I

INSTRUCTOR: Leach, Sarah (South Bend)

TEXTBOOK: No textbook required.

HIST 15200 US Since 1877 (HUM)

INSTRUCTOR: Sparks, Michael (Statewide)

TEXTBOOK: The American People: Creating a Nation and a Society: Concise Edition, Volume 2 (8th Edition), Gary B Nash (Author), Julie Roy Jeffrey (Author), John R. Howe (Author), Pearson, ISBN-13: 978-0134169996.

IET 11100 Intro to Manufacturing & Supply Chain Systems

INSTRUCTOR: Maley, James (Richmond)

TEXTBOOK 1: Thinking in Systems: A Primer. Donella H. Meadows (2009). ISBN-13: 978-1603580557 (\$11.99 new on Amazon).

TEXTBOOK 2: The Goal: A Process of Ongoing Improvement - 30th Anniversary Edition. Eliyahu M. Goldratt, North River Press; 3rd revised edition (2014). ISBN-13: 978-0884271956.

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 23500 Intro to Lean & Sustainable Systems

INSTRUCTOR: Maley, Jim (Richmond)

TEXTBOOK 1: The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer - 2nd Edition, Jeffrey K. Liker, McGraw-Hill Education, (2020). ISBN-13: 978-1260468519.

TEXTBOOK 2: Making Sustainability Stick: The Blueprint for Successful Implementation, Kevin Wilhem, Pearson FT Press, (2015), ISBN-13: 978-0134383040.

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 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&psc=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:qI1MAAOSwLQtf9Ssj>

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

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

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

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 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: 9780073523439.

Or, they may use McGraw-Hill Connect, and purchase a 6-month access to the e-book: ISBN: 9781259676819.

IET 33620 Total Productive Maintenance

INSTRUCTOR: Stephens, Matthew (West Lafayette)

TEXTBOOK: Productivity and Reliability-based Maintenance Management, Mathew P Stephens, ISBN: 978-1-55753-592-4.

MA 16010 Applied Calculus I

INSTRUCTOR: Griffith, Raymond (South Bend)

TEXTBOOK ISBN: 978-035700006, CENGAGE, 1 Term (4 months) Instant Access (continued access for MA 16020 no additional cost)

MA 16020 Applied Calculus II

INSTRUCTOR: Griffith, Raymond (South Bend)

TEXTBOOK ISBN: 978-035700006, CENGAGE, WebAssign for one price-Access to 2 different Textbooks

MET 11300 Mechanics Applications (1 cr)

INSTRUCTOR: Mao, Huachao (West Lafayette)

TEXTBOOK: Applied Strength of Materials for Engineering Technology v17. Barry Dupen. Free Access: http://www.etcs.pfw.edu/~dupenb/ET_200/StrengthOfMatHome.html.

MET 14300 Material and Processes I

INSTRUCTOR: Leach, Sarah (South Bend)

TEXTBOOK DeGarmo's Materials & Processes in Manufacturing, JT Black & Ronald A. Kohser, Wiley, 12th Edition ISBN: 978-1118987674 or 13th Edition (e-book) ISBN: 978-1119492825

MET 21100 Applied Strength of Materials

INSTRUCTOR: Levine, Danny (South Bend)

TEXTBOOK Applied Strength of Materials, 6th Edition, Mott, Robert and Untener, Joseph, ISBN: 9781498716758 (if students lease an online version of the text they MUST make sure the lease period runs all the way through finals week.)

MET 21300 Dynamics

INSTRUCTOR: Rastgaar, Mo (West Lafayette)

TEXTBOOK Engineering Mechanics: Dynamics, 14th Edition, Russell C. Hibbeler, ISBN: 978-0133915389, Required.

MET 22000 Heat and Power

INSTRUCTOR: Prygoski, Megan (South Bend)

TEXTBOOK Introduction to Thermodynamics and Heat Transfer, Yunus Cengel, McGraw-Hill Science/Engineering /Math, ISBN: 9780073380179, **Recommended**.

MET 24500 Manufacturing Systems

INSTRUCTOR: Leach, Sarah (South Bend)

TEXTBOOK DeGarmo's Materials & Processes in Manufacturing, JT Black & Ronald A. Kohser, Wiley, 12th Edition ISBN: 978-1118987674 or 13th Edition (e-book) ISBN: 978-1119492825

MET 31300 Applied Fluid Mechanics

INSTRUCTOR: Lucietto, Anne (West Lafayette)
TEXTBOOK No textbook required.

MET 31601 Mechanics of Machine Design

INSTRUCTOR: Levine, Danny (South Bend)
TEXTBOOK Machine Elements in Mechanical Design, 6th Edition, Mott, Robert; Vavrek, Edward; Wang, Jyhwen, ISBN: 9780134441184 (if students lease an online version of the text they MUST make sure the lease period runs all the way through finals week.)

MET 48200 Mechatronics

INSTRUCTOR: Sisk, Damon (New Albany)
TEXTBOOK (recommended): Introduction to Mechatronic Design, Carryer, J. Edward, Prentice Hall, ISBN: 9780131433564 or ISBN (paperback): 9788131788257.

MFET 34400 Automated Manufacturing Processes

INSTRUCTOR: Cooley, Tim (New Albany)
TEXTBOOK: No textbook purchase is required for this course.

MFET 34800 Advanced Industrial Robotics

INSTRUCTOR: Herridge, Mike (Columbus)
TEXTBOOK: Introduction to Robotics: Analysis, Systems, Applications, Saeed B. Niku, Prentice Hall, 2011 (2nd Edition), ISBN: 978-0-470-60446-5

MGMT 20000 Introductory Accounting

INSTRUCTOR: Wolf, Tammy (Lafayette)
TEXTBOOK: Financial Accounting: Tools for Business Decision Making, 9th ed, Kimmel, Paul D., ISBN 978-1-119-49356-3.

PHIL 11100 Introduction to Ethics (HUM)

INSTRUCTOR: Blum, Elaine (Statewide)
TEXTBOOK 1: Grounding for the Metaphysics of Morals, 3rd ed. Kant, Trans. James Ellington (Hackett, 1993), ISBN-13: 978-0872201668.
TEXTBOOK 2: Nichomachean Ethics, 2nd ed. Aristotle, Trans. Terence Irwin (Hackett, 1999), ISBN-13: 978-0872204645.
TEXTBOOK 3: Utilitarianism, 2nd ed. Ed., John Stuart Mill, George Sher (Hackett, 2001), ISBN-13: 978-0872206052
TEXTBOOK 4: Ethics of Ambiguity (Open Road Media, 2018), Simone de Beauvoir, ISBN-13 978-1504054225.

PHYS 22100 General Physics II

INSTRUCTOR: Beveridge, Mark (South Bend)
TEXTBOOK No Textbook - Instructor will provide link for access to material in syllabus.

POL 10100 American Government and Politics (BSS)

INSTRUCTOR: Gordner, Eliza (Statewide)
TEXTBOOK: American Government and Politics Today: The Essentials, Enhanced , 19th Edition Barbara A. Bardes; Mack C. Shelley II; Steffen W. Schmidt, ISBN-13: 978-1-337-79978-2.

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: 978-0393602630.

TEXTBOOK 2: Utopia, Thomas More-Series, Penguin Classics; Reissue edition (May 6, 2003), ISBN: 978-0140449105.

TEXTBOOK 3: The Travels of Marco Polo-Marco Polo, Penguin Classics; Reissue edition (September 30, 1958), ISBN: 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: 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: 978-0141439518.

SCLA 10200 Transformative Texts, Critical Thinking & Communication II (OC)

INSTRUCTOR: Shelton, Ellen (Statewide)

TEXTBOOK 1: Of Mice and Men, By John Steinbeck. Paperback-Deckle Edge. ISBN-10: 0142000671, or ISBN-13: 978-0142000670.

TEXTBOOK 2: The Bedford Anthology of American Literature: Volume 2: 1865 To The Present. Second Edition. By Susan Belasco and Linck Johnson. Paperback. ISBN-13: 978-0312678692, or ISBN-10: 031267869X.

TEXTBOOK 3: The Art Of Communication: Improving Your Fundamental Communication Skills. Third Edition. By Randy Fujishin. Paperback. ISBN-13: 978-1442266230, or ISBN-10: 1442266236.

SOC 22000 Social Problems (BSS)

INSTRUCTOR: Gregg, Karen (Statewide)

TEXTBOOK: Social Problems, John J. Macionis' (8th edition only), ISBN (rental edition) 978-0-13-524704-4.

TECH 12000 Design Thinking in Technology

INSTRUCTOR: Greco, Lisa (South Bend)

TEXTBOOK No textbook required.

TECH 32000 Technology and the Organization

INSTRUCTOR: Summers, Michele (Statewide)

TEXTBOOK: A Guide to the Project Mgmt Body of Knowledge, 6th edition, ISBN: 9781628251845.

TECH 33000 Technology and the Global Society

INSTRUCTOR: McCart, Andrew (New Albany)

TEXTBOOK: No textbook purchase required for this course.

TLI 15200 Business Principles for Organizational Leadership (or OLS 25200)

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

TEXTBOOK: Understanding Business: The Core, 2nd Edition, By William Nickels and James McHugh and Susan McHugh, ISBN13: 9781264059591. [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].

TLI 21300 Project Management

INSTRUCTOR: Andrew McCart (New Albany)

TEXTBOOK 1: The Managerial Process, 8E, Erik Larson and Clifford Gray Copyright: 2021, ISBN13: 9781260238860. Can use 7th edition.

TLI 31400 Leading Innovation in Organizations

INSTRUCTOR: Gull, Charles (Statewide)

TEXTBOOK: Creative People Must Be Stopped: 6 Ways We Kill Innovation (Without Even Trying), David A Owens, Pub. Date: Nov 21, 2011, ISBN-10: 1118002903 | ISBN-13: 9781118002902 | Edition: 1.

TLI 45700 Technology Policy and Law

INSTRUCTOR: McCart, Andrew (New Albany)

1: The Innovator's Dilemma: When New Technologies Cause Great Firms to Fail (Management of Innovation and Change). Christiansen, Clayton. (December 2015). Harvard Business Review Press. ISBN-10: 1633691780. ISBN-13: 978-1633691780.

TEXTBOOK 2: Smart Policies for Workplace Technologies. Guerin, Lisa. (2017). 5th Ed. Nolo. ISBN-10: 1413323537. ISBN-13: 978-1413323535.

TEXTBOOK 3: Explosive Growth: A Few things I learned while growing my startup to 100 million users and losing \$78 million. Lerner, Cliff. (2017). Clifford Ventures Corp Publisher. Paperback: ISBN-13: 978-1619617698. Kindle: ASIN: B0777FDL2H.