**Spring 2021 SWT Online Classes**

**January 6, 2021**

**~~ANTH 20400 Human Origins (SCI~~) CANCELLED**

INSTRUCTOR: Howard, Bradley (Statewide)

P: none

RESTRICTIONS: none

TEXTBOOK:

**CGT 14100 Internet Foundations Technology and Development**

DAY/TIME: T/R 12:30-2:20 pm.

INSTRUCTOR: Finnegan, John (New Albany)

P: none

RESTRICTIONS: Only open to CGT majors.

NOTES: Open to New Albany and Richmond only.

TEXTBOOK: Web Development and Design Foundations with HTML5, 9th Edition, (What's New in Computer Science) 9th Edition, [Terry Felke-Morris](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Terry+Felke-Morris&text=Terry+Felke-Morris&sort=relevancerank&search-alias=books), ISBN-13 : 978-0134801148.

**CGT 21500 Computer Graphics Programming I**

DAY/TIME: Lec T/R 4:30-5:20 pm. TRI Lab M 1:30-3:20 pm. TNA lab M 3:30-5:20 pm.

INSTRUCTOR: McGraw, Tim (West Lafayette)

P: CGT 14100 and calculus

RESTRICTIONS: Only open to CGT majors.

NOTES: Open to New Albany and Richmond only.

TEXTBOOK: No textbook required. All material will be provided.

**CGT 25500 Game Development II: Design and Psychology**

DAY/TIME: M/W 11:30-1:20 pm.

INSTRUCTOR: Walker, Michele (Richmond)

P: CGT 24500

RESTRICTIONS: Only open to CGT Game Development majors.

NOTES: Open to New Albany and Richmond only. Co-list with CGT 44500.

TEXTBOOK: No textbook required. All materials supplied by the professor.

**CGT 34000 Digital Lighting and Rendering for Computer Animation**

DAY/TIME: M/W 4:30-6:20 pm.

INSTRUCTOR: Walker, Michele (Richmond)

P: CGT 24100

RESTRICTIONS: Only open to CGT majors.

NOTES: Open to New Albany and Richmond only.

TEXTBOOK: No textbook required. All materials supplied by the professor.

**CGT 34100 Motion for Computer Animation**

DAY/TIME: M/W 2:30-4:20 pm.

INSTRUCTOR: Walker, Michele (Richmond)

P: CGT 34000

RESTRICTIONS: Only open to CGT majors.

NOTES: Open to New Albany and Richmond only.

TEXTBOOK: No textbook required. All materials supplied by the professor.

**CGT 35600 Web Programming, Development, and Data Integration**

DAY/TIME: T/R 9:30-11:20 am.

INSTRUCTOR: Finnegan, John (New Albany)

P: CGT 14100 and CGT 21500

RESTRICTIONS: Only open to CGT majors.

NOTES: Open to New Albany and Richmond only.

TEXTBOOK: No textbook required. All readings and handouts supplied by the professor.

**CGT 44200 Production for Computer Animation**

DAY/TIME: M/W 3:30-5:20 pm

INSTRUCTOR: Nasheet Zaman (West Lafayette)

P: CGT 34100

RESTRICTIONS: Only open to CGT majors.

NOTES: Open to New Albany only.

TEXTBOOK: No textbook required. All material will be provided.

**CGT 44500 Game Development V: Procedural Asset Creation for Games**

DAY/TIME: M/W 11:30-1:20 pm.

INSTRUCTOR: Walker, Michele (Richmond)

P: CGT 25500 and CGT 20500

RESTRICTIONS: Only open to Game Development majors.

NOTES: Open to New Albany and Richmond only. Co-list with CGT 25500.

TEXTBOOK: No textbook required. All materials supplied by the professor.

**CNIT 10500 Introduction to C Programming**

INSTRUCTOR: Davison, Christopher (Richmond)

P: none

RESTRICTIONS: Only open to IET, MFET, EET, and MET majors.

TEXTBOOK: Programming in C with ZyLabs. [learnzybooks.com](http://learnzybooks.com).

**CNIT 32000 Policy, Regulation & Globalization in Information Technology**

INSTRUCTOR: Homkes, Rick (Kokomo)

P: TECH 12000

RESTRICTIONS: Must be CNIT major and Junior standing (45+ credits)

NOTES: Open to Kokomo, Anderson, and Columbus CNIT majors only. Max=20 students.

TEXTBOOK: Ethics in Information Technology, 6th ed (2019), Reynolds, G., ISBN: 978-1-337-40587-4.

**CNIT 38101 Topics in Computer Information Technology III; Game Development**

DAY/TIME: Mon/Wed 4:30-6:10 pm

INSTRUCTOR: Gusev, Dmitri (Columbus)

P: CNIT 25500

RESTRICTIONS: Must be CNIT major

NOTES: Synchronous online course. Open to Kokomo, Anderson, and Columbus CNIT majors only.

TEXTBOOK 1: Unreal Engine 4 Game Development Quick Start Guide: Programming professional 3D games with Unreal Engine 4, Rachel Cordone Packt, 2019, ISBN-13 : 978-1789950687 <https://www.packtpub.com/product/unreal-engine-4-game-development-quick-start-guide/9781789950687>

TEXTBOOK 2. Unreal Engine 4 Game Development in 24 Hours, Aram Cookson, Ryan DowlingSoka, Clinton Crumpler. Sams Teach Yourself, 2016, ISBN 978-0672337628.

**CNIT 39200 Enterprise Data Management**

INSTRUCTOR: Swanson, Dewey (Columbus)

P: CNIT 27200

RESTRICTIONS: Must be CNIT major

NOTES: Open to Kokomo, Anderson, and Columbus CNIT majors only.

TEXTBOOK: Modern Database Management, 12th edition, by Hoffer, Ramesh and Topi (2016), Pearson Education, ISBN: 978-0-13-354461-9.

**CNIT 48700 Database Administration**

INSTRUCTOR: Swanson, Dewey (Columbus)

P: CNIT 37200 OR CNIT 39200

RESTRICTIONS: Must be CNIT major

TEXTBOOK 1: Database Administration, The Complete Guide to DBA Practices and Procedures. Mullins, C. (2013). New York, NY: Addison-Wesley. ISBN: 0321822943.

TEXTBOOK 2 (recommended): Oracle Database 11g, DBA handbook by Bryla and Loney.  ISBN: 978-0-07-1496636.

**COM 21200 Interpersonal Communication (BSS)**

INSTRUCTOR: Sylvester, Rachael (South Bend)

P: none

RESTRICTIONS: must be Junior standing with 45+ hours

TEXTBOOK: Looking Out, Looking In, 15th Edition, Ronald B. Adler; Russell F. Proctor II,
ISBN-13: 978-1-305-07651-8.

**COM 32000 Small Group Communication (OC)**

INSTRUCTOR: Sylvester, Rachael (South Bend)

P: none

RESTRICTIONS: none

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

**ECET 17700 Data Acquisition and Systems Control (NEW)**

DATE/TIME: LEC Tuesday/Thursday 9:30-10:20 am. See NOTES.

INSTRUCTOR: Herrick, Robert (West Lafayette)

P: (ENGT 18000 and ENGT 18100) or ECET 22400

RESTRICTIONS: none

NOTES: Lecture will be online synchronously both Tuesday and Thursday. Lab will be synchronous on student’s campus with local instructor. Times vary with campus.

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

**ECET 32700 Instrumentation and Data Acquisition Design**

DATE/TIME: LEC Mon 5:30-7:20 pm with live instructor interaction. See NOTES.

INSTRUCTOR: Deodeshmukh, Rashmi (Anderson)

P: (PHYS 21800 or PHYS 22000) and MA 16010 and (ECET 17700 or ECET 22400)

RESTRICTIONS: none

NOTES: Recorded Lecture will be online asynchronously. Live interaction with the instructor will be online Mon 5:30-7:20pm. Lab will be on student’s campus with local instructor. Times vary with campus.

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

**ECON 21000 Principles of Economics (BSS) (2 Sections)**

INSTRUCTOR: Bewley, William (Columbus)

P: none

RESTRICTIONS: none

TEXTBOOK: Issues in Economics Today, 8th edition, Guell, Robert, ISBN13: 9781259746390.

**ECON 21000 Principles of Economics (BSS)**

DAY/TIME: Tues/Thurs 9:00 – 10:15 am synchronously online

INSTRUCTOR: Desta, Isaac (South Bend)

P: none

RESTRICTIONS: none

TEXTBOOK**:** Economics, Brief Edition, 3rd Edition, by Campbell McConnell and Stanley Brue and Sean Flynn, ISBN13: 9780078021879.

**ENGL 42100 Technical Writing**

INSTRUCTOR: Searfoss, Cyndy (South Bend)

P: English Composition or SCLA 10100

RESTRICTIONS: none

TEXTBOOK: Technical Communication, 12th ed. by Mike Markel and Stuart Selber (bedford/st. martin's/Macmillian Learning), ISBN 978-1319058616.

**HIST 15200 US Since 1877 (HUM)**

INSTRUCTOR: Sparks, Michael (Statewide)

P: none

RESTRICTIONS: none

TEXTBOOK: The American People: Creating a Nation and a Society: Concise Edition, Volume 2 (8th Edition), [Gary B Nash](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Gary+B+Nash&text=Gary+B+Nash&sort=relevancerank&search-alias=books) (Author), [Julie Roy Jeffrey](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Julie+Roy+Jeffrey&text=Julie+Roy+Jeffrey&sort=relevancerank&search-alias=books) (Author), [John R. Howe](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_3?ie=UTF8&field-author=John+R.+Howe&text=John+R.+Howe&sort=relevancerank&search-alias=books) (Author), Pearson, ISBN-13: 978-0134169996.

**IET 21400 Intro to Supply Chain Management**

INSTRUCTOR: McCart, Andrew (New Albany)

P: none

RESTRICTIONS: none

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: Tyler, Jan (Richmond)

P: none

RESTRICTIONS: none

TEXTBOOK: No textbook required. All materials will be included in Brightspace at no additional charge.

**IET 31600 Statistical Quality Control**

INSTRUCTOR: Parker, Thomas (Vincennes)

P: MA 15555, MA 15800, MA 15900 or MA 16010 or (MA 15300 and MA 15400)

RESTRICTIONS: none

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)

P: MA 15800 or MA 15900 or MA 16010 or (MA 15300 and MA 15400) or STAT 30100

RESTRICTIONS: none

NEW 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 33520 Human Factors for Tech Systems)**

INSTRUCTOR: Murray, Phillip (Vincennes)

P: none

RESTRICTIONS: none

TEXTBOOK: Industrial Safety & Health Management, 7th edition, Asfahl & Rieske, ISBN 9780134630564.

**IET 34200 Warehouse & Inventory Management**

INSTRUCTOR: McCart, Andrew (New Albany)

P: none

RESTRICTIONS: none

TEXTBOOK 1: Cellular Manufacturing: One-Piece Flow for Workteams, (Volume 2) 1st Edition, by [Productivity Development Team](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&text=Productivity+Development+Team&search-alias=books&field-author=Productivity+Development+Team&sort=relevancerank). Publisher: Productivity Press; 1 edition (March 5, 1999), ISBN-13: 978-1563272134.

TEXTBOOK 2: Essentials of Inventory Management Hardcover, Second Edition, by [Max Muller](https://www.amazon.com/Max-Muller/e/B001KHPZWA/ref%3Ddp_byline_cont_book_1), Publisher: AMACOM; April 25, 2011, ISBN-13: 978-0814416556.

**IET 34250 Purchasing & Contract Management**

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

P: TLI 21400 or IT 23000

RESTRICTIONS: none

TEXTBOOK: Purchasing and Supply Management. Students will receive information to get access to McGraw-Hill ebook and Connect online tool from the instructor. Cost approx. $130.

**IET 34300 Technical & Service Selling**

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

P: none

RESTRICTIONS: none

NEW TEXTBOOK: Selling: Building Partnerships Connect version. Student will be notified by email from the instructor how to purchase assess to materials. Cost $125.00.

**IET 41400 Financial Analysis for Technology Systems**

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

P: TLI 33400 or IT 45000 or MGMT 20010 or MGMT 20000

RESTRICTIONS: none

TEXTBOOK: Connect version. Student will purchase materials through Brightspace when class starts.

**IET 43530 Operations Planning & Management**

INSTRUCTOR: Pall, Gerald (Anderson)

P: (MA 15300 and MA 15400) or MA 15800 or MA 15900 or MA 15555 or MA 16010

RESTRICTIONS: none

TEXTBOOK: Operations Management Flexible Version, 10th Ed., Heizer, Jay and Render, Barry. Prentice Hall, New Jersey, ISBN: 978-0-13-216392-7. Do not use newer edition.

**IET 43540 Facility Design for Lean Manufacturing**

INSTRUCTOR: Nora, Robert (Vincennes)

P: (MET 14300 or MET 14400) and TLI 43530

RESTRICTIONS: none

NEW TEXTBOOK: Manufacturing Facilities Design and Material Handling, 6th edition, Pearson Publishing, Matthew Stephens, ISBN: 978-1-55753-859-8.

**IET 43630 Design of Experiments (NEW)**

INSTRUCTOR: Maley, James (Richmond)

P: TLI 31600 or STAT 30100

RESTRICTIONS: none

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

**IET 43640 Lean Six Sigma**

INSTRUCTOR: Pace, Mike (South Bend)

P: TLI 31600 or IT 34200

RESTRICTIONS: none

TEXTBOOK: Lean Six Sigma. Summers, D. (2011). Pearson Prentice Hall: Upper Saddle River, NJ. ISBN: 0135125103 or 9780135125106.

**MET 38200 Controls and Instrumentation for Automation (NEW)**

DATE/TIME: Mon/Wed 9:30-11:20 am with live instructor interaction. See NOTES.

INSTRUCTOR: Sisk, Damon (New Albany)

P: MA 16010 and MET 28400

RESTRICTIONS: none

NOTES: Recorded lecture will be online asynchronously. Live interaction with the instructor will be online Monday 9:30-11:20 am. Lab is synchronous, computer-based on the student’s campus.

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

**MFET 24800 Introduction to Robotics**

DATE/TIME: Tues/Thurs 1:30-3:20 pm

INSTRUCTOR: Fuehne, Joe (Columbus)

P: CNIT 17500 or CNIT 10500

RESTRICTIONS: none

NOTES: Lecture will be online synchronously. Lab will be synchronous on student’s campus.

TEXTBOOK: No textbook required

**MFET 37400 Manufacturing Integration I**

DATE\TIME: Tues/Thurs 9:30-11:20 am with live instructor interaction. See NOTES.

INSTRUCTOR: Deodeshmukh, Rashmi (Anderson)

P: MET 28400

RESTRICTIONS: none

NOTES: Lecture will be online asynchronously. Live interaction with the instructor will be online Tuesday 9:30-11:20 am. Lab will be on student’s campus with local instructor. Times vary with campus.

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

**MGMT 20000 Introductory Accounting**

INSTRUCTOR: Wolf, Tammy (Lafayette)

P: none

RESTRICTIONS: none

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

**OLS 38600 Leading Change in Technology Organizations (formerly TLI 25400) (2 sections)**

INSTRUCTOR: Tanoos, James (Vincennes) and Parker, Thomas (Vincennes)

P: TLI 11200

RESTRICTIONS: none

NEW TEXTBOOK: Managing Organizational Change, 3rd edition, by Palmer, Dunford, & Akin. McGrall-Hill. ISBN: 0073530530.

**PHIL 11000 The Big Questions: Introduction to Philosophy (HUM)**

INSTRUCTOR: Elaine Blum (Statewide)

P: none

RESTRICTIONS: none

TEXTBOOK 1: Plato, Republic, trans. Desmond Lee (Penguin Classics), ISBN: 978-0140455113.

TEXTBOOK 2: Renee Descartes, Meditations on First Philosophy, 3rd edition, trans. Donald Cress (Hackett, 1993). ISBN: 978-0872201927.

TEXTBOOK 3: David Hume, Inquiry Concerning Human Understanding, 2nd ed., ed. Eric Steinberg (Hackett, 1993). ISBN: 978-0872202290.

TEXTBOOK 4: John Dewey, Reconstruction in Philosophy (Dover, 2004). ISNB: 978-0486434384.

**PSY 12000 Elementary Psychology (BSS)**

DAY/TIME: Monday 6:00-8:30 pm

INSTRUCTOR: Reichle, Adam (TAN)

P: none

RESTRICTIONS: none

TEXTBOOK: What is Psychology? Foundations, Applications, and integration, Pastorino, Ellen E., Cengage, ISBN: 9781337564083.

**SCLA 10100 Transformative Texts, Critical Thinking And Comm I: Antiquity to Modernity (IL/WC)**

INSTRUCTOR: Shelton, Ellen (Richmond)

P: none

RESTRICTIONS: none

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 (Richmond)

P: none

RESTRICTIONS: none

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 10000 Introductory Sociology (BSS)**

INSTRUCTOR: Gregg, Karen (Statewide)

P: none

RESTRICTIONS: none

TEXTBOOK: You May Ask Yourself, 2019 6th Ed (ONLY), by Dalton Conley, ISBN:  978-0-393-67417-0 (pbk.)

**TECH 12000 Design Thinking in Technology (2 Sections)**

INSTRUCTOR: Barnett, Lorri (Anderson)

P: none

RESTRICTIONS: Only open to PI majors

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

**TECH 33000 Technology and the Global Society**

INSTRUCTOR: Summers, Michele (Statewide)

P: none

RESTRICTIONS: Must be Junior standing (45+ hours)

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

**TLI 11200 Foundations of Organizational Leadership**

INSTRUCTOR: Tyler, Jan (Richmond)

P: none

RESTRICTIONS: none

TEXTBOOK: **Organizational Behavior: Bridging Science and Practice***,* Bauer, T., & Erdogan, B. (2018), V. 3.0. This e-book can be ordered through FlatWorld website. Student link:

<https://students.flatworldknowledge.com/course/2590833>

**TLI 29900 Technology & Culture Through History**

INSTRUCTOR:  Maley, James (Richmond)

P: TECH 12000

RESTRICTIONS: none

TEXTBOOK #1:  Connections by James Burke, Simon & Schuster, 2007, ISBN-13: 978-0743299558

TEXTBOOK #2:  Hubris and Hybrids: A Cultural History of Technology and Science by Mikael Hard and Andrew Jamison, Routledge, 2005, ISBN-13: 978-0415949392.

TEXTBOOK #3:  The Shallows:  What the Internet is Doing to Our Brains by Nicholas Carr, W. W. Norton & Company, 2011, ISBN-13: 978-0393339758.

**TLI 31500 New Product Development**

INSTRUCTOR: Little, Stacy (Statewide)

P: TLI 11200

RESTRICTIONS: Student must be an OL, IET, or Supply Chain major

TEXTBOOK: New Products Management, 11th Edition, by Merle Crawford & Anthony Di Benedetto, ISBN-13:  978-0078029042

**TLI 45800 Leadership for Competitive Advantage**

INSTRUCTOR: Greco, Lisa (South Bend)

P: TLI 25300 and (TLI 25400 or OLS 38600)

RESTRICTIONS: Student must be a Junior standing.

TEXTBOOK 1: The New Economics, Deming, Third Edition, 2018, ISBN: 978-0262535939 or

ISBN 978-0262355445 (e-book)