**Fall 2017 SWT Online Classes**

**As of June 14, 2017**

**ECET 49900 Introduction to Automotive Electronics**

INSTRUCTOR: Harding, Gene (South Bend)

P: ECET 21400 or ECET 22400

Note: Not an option for EET majors unless used as a tech elective

TEXTBOOK: Understanding Automotive Electronics, seventh edition, by William B. Ribbens, ISBN 978-0-08-097097-4.

**TECH 32000 Technology and the Organization**

INSTRUCTOR: Summers, Michele (Lafayette)

P: TECH 12000 and Junior standing

TEXTBOOK: A Guide to the Project Mgmt Body of Knowledge, 5th edition, ISBN: 978-1935589679.

**TLI 11100 Intro to Manufacturing & Supply Chain Systems (formerly IT 10400)**

INSTRUCTOR: Maley, James (Richmond)

P: none

TEXTBOOK 1: Thinking in Systems: A Primer. Donella H. Meadows (2009). ISBN-13: 978-1603580557

($11.99 new on Amazon)

TEXTBOOK 2: Improving Business Processes (Pocket Mentor). Harvard Business Review (2010). ISBN-13: 978-1422129739 ($9.95 new on Amazon)

**TLI 21300 Project Management (formerly OLS 45000)**

INSTRUCTOR: Barnett, Lorri (Anderson)

P: none

TEXTBOOK 1: Project Management: The Managerial Process with MS Project with Connect Access Card, Larson, 6e, McGraw-Hill, ISBN 978-1259249075 (book must include access code).

**TEXTBOOK 2: HBR On Teams, ISBN 978-1-42218987-0.**

**TLI 21400 Intro to Supply Chain Management (formerly IT 23000)**

INSTRUCTOR: Yang, Dorothy (New Albany)

P: 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

**TLI 23500 Intro to Lean & Sustainable Systems (formerly IT 21400)**

INSTRUCTOR: Pace, Mike (South Bend)

P: none

TEXTBOOK 1: The Toyota Way: 14 Management Principles from the World’s Greatest Manufacturer, ISBN: 0-07-139231-9.

TEXTBOOK 2: Creating a Lean Culture: Tools to Sustain Lean Conversions – 3rd Edition; David Mann; Productivity Press; 2010; ISBN: 9781482243239.

TEXTBOOK 3: Making Sustainability Stick: The Blueprint for Successful Implementation, ISBN: 978-0-13-344557-2.

**TLI 25300 Principles of Technology Strategy (formerly OLS 28400)**

INSTRUCTOR: Barber-Dansby, Fay (Anderson)

P: none

# TEXTBOOK: Contemporary Business: 2012 Update, [Louis E. Boone](https://www.amazon.com/Louis-E.-Boone/e/B001H6IGVG/ref%3Ddp_byline_cont_book_1)  (Author), [David L. Kurtz](https://www.amazon.com/David-L.-Kurtz/e/B001H6ES1I/ref%3Ddp_byline_cont_book_2)  (Author). Wiley; 14 edition (November 8, 2011). ISBN-13: 978-1118010303

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

INSTRUCTOR: Tanoos, James (Vincennes)

P: none

TEXTBOOK: Managing Organizational Change, 2nd edition, by Palmer, Dunford, & Akin. McGrall-Hill. ISBN: 978-0-07-340499-8 (Do not use 3rd edition).

**~~TLI 29900 Technology & Culture Through History~~ Cancelled 3/20/17 (instructor schedule chg)**

~~INSTRUCTOR: Maley, James (Richmond)~~

~~P: TECH 12000~~

~~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 31300 Technology Innovation & Integration: Bar Codes to Biometrics (formerly IT 34500)~~ Cancelled 3/7/17 (move to Sp18 per instructor)**

~~INSTRUCTOR: Tyler, Jan (Richmond)~~

~~P: none~~

~~TEXTBOOK: No textbook required. All materials will be included in Blackboard with no charge.~~

**TLI 31400 Leading Innovation in Organizations**

INSTRUCTOR: Tyler, Jan (Richmond)

P: none

TEXTBOOK #1: Innovation and Entrepreneurshi, John Bessant, Joe Tidd, Pub. Date: Jun 7, 2015, ISBN-10: 1118993098 | ISBN-13: 9781118993095 | Edition: 3.

TEXTBOOK #2: Without Their Permission: How the 21st Century Will Be Made, Not Managed, Alexis Ohanian, Pub. Date: Sep 30, 2013, ISBN-10: 1455520020 | ISBN-13: 9781455520022.

TEXTBOOK #3: 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 33400 Economic Analysis for Technology Systems (formerly IT 45000) (3CR)**

INSTRUCTOR: Pall, Gerry (Anderson)

P: STAT 30100 or IT 34200

?TEXTBOOK: Engineering Economic Analysis, 11th edition, by Newnan, Eschenbach and Lavelle. Published by Oxford University Press, 2012, ISBN: 978-0-19-977804-1. Note: Do not purchase the 12th or any other edition for this course.

**~~TLI 33520 Human Factors for Tech Systems (formerly IT 35100) (3 CR)~~ Cancelled 3/6/17 (instructor overload)**

~~INSTRUCTOR: Moffat, Bob (Vincennes)~~

~~P: none~~

~~?TEXTBOOK:~~

**TLI 45800 Leadership for Competitive Advantage (formerly OLS 48400)**

INSTRUCTOR: Phillips, Julie (Columbus)

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

TEXTBOOK 1: The New Economics for Industry, Government, Education, 2nd edition (August 11, 2000), W. Edwards Deming, ISBN-10: 0262541165, ISBN-13: 978-0262541169.

TEXTBOOK 2: Understanding Variation The Key to Managing Chao, 2nd edition, Donald J. Wheeler, ISBN 0-945320-53-1.

TEXTBOOK 3: Fourth Generation Management The New Business Consciousness, Brian L. Joiner, ISBN 0-07-032715-7. The 3rd book is out of print so the students need to purchase it online.