

ENGINEERING MANAGEMENT AND SYSTEMS:

Projected course schedule - as of June 3, 2011

Fall 2011 courses

Note: Unless otherwise noted, all engineering management and management science lecture courses are simulcast, giving students the option to attend them via the Internet.

ENM 500/ISE 300: Probability and Statistics for Engineers

Deep, R.

Kettering Laboratories Room 304, MW, 11:00 a.m.-12:15 p.m.

Textbook: *Probability and Statistics: with Integrated Software Routines* by Deep

Aca Press imprt

ISBN: 9780123694638

3 credit hours

ENM 503: Engineering Analyses

Deep, R.

Kettering Laboratories Room 132-A, TTh, 11:30 a.m.-12:45 p.m.

Textbook: *Introductory Mathematical Analysis*, 13th ed., 2011, by Haeussler & Paul

Prentice-Hall

ISBN: 97801321643728

3 credit hours

ENM 505: Management of Engineering Systems

Deep, R.

Kettering Laboratories Room 401, TTh, 4:30 - 5:45 p.m.

Textbook: *Systems Engineering & Analysis*, 5th ed., 2011, by Blanchard & Fabrycky

Prentice-Hall

ISBN: 9780132217354

3 credit hours

ENM 530: Engineering Economy

Mykytka, E.

Textbook: *Engineering Economic Analysis*, 11th ed, 2011, by Newnan, Eschenbach & Lavelle

Oxford Press

ISBN: 9780199778126

Kettering Laboratories Room 213, TTh, 4:30-5:45 p.m.

3 credit hours

ENM 541/ISE 441: Production Engineering

Doty, J.

Kettering Laboratories Room 402, MW, 4:30 - 5:45 p.m.

Textbook: *Production & Ops Anal w/Student CDRom*, 6th ed., 2009, by Nahmais

McGraw-Hill

ISBN: 9780073377858

3 credit hours

ENM 560/ISE 460: Quality Assurance

Zalewski, D.

Kettering Laboratories Room 304, TTh, 5:55-7:15 p.m.

Textbook: *Introduction to Statistical Quality Control*, 6th ed., 2008, by Montgomery

John Wiley

ISBN: 9780470169926

3 credit hours

ENM 561/ISE 461: Design and Analysis of Experiments

Doty, J.

Kettering Laboratories Room 224, MW, 5:55 - 7:10 p.m.

Textbook: *Design and Analysis of Experiments*, 7th ed., 2008, by Montgomery

John Wiley

ISBN: 9780470128664

3 credit hours

ENM 582: Engineering Organizational Development

Sweeney, P.

Kettering Laboratories Room 304, TTh, 12:00 p.m.-1:15 p.m.

Textbook: *Organizational Behavior*, 14th ed., 2011, by Robbins & Judge

ISBN: 9780136124016

3 credit hours

Prentice-Hall

ENM 587/ISE 487: Leading in Tech Environments

Russo, V./Back, D.

Kettering Laboratories Room 382, M, 5:55 - 8:45 p.m.

Textbook: *The Splendid Leader*, 2nd Academic Ed, by Russo and Back

ISBN: 9781596720312

3 credit hours

BookFactory

ENM 590: Case Studies in Engineering Management

Sweeney, P.

Arranged

3 credit hours

ENM 595: Special Problems

Sweeney, P.

Arranged

1-3 credit hours

ENM 599: SP: Simulation - SIMIO

Mykytka, E.

Kettering Laboratories Room 203, TTh, 12:00 - 1:15 p.m.

Textbook: *Simio and Simulation: Modeling, Analysis, Applications*, 2010, by Kelton

ISBN: 978007340888

3 credit hours

McGraw-Hill

MSC 535: Applied Operations Research / Management Science

Ebeling, C.

Arranged - no text

3 credit hours

MSC 555: System Dynamics I

Sweeney, P.

Kettering Laboratories Room 204, MW, 11:00 - 12:15 p.m.

No text

3 credit hours

MSC 595: Current Problems

Sweeney, P.

Arranged

1-3 credit

ISE 404: Engineering Concepts

Ebeling, C.

Arrg

Textbook: *Fundamentals of Engineering*, custom Wiley text, 2010, by Calter

ISBN: 9780470733288 -- obtainable from EMS Department only

3 credit hours

John Wiley

ISE 430: Engineering Economy

Stephenson, G.

Kettering Laboratories Room 203, TTh, 4:30 - 5:45 p.m.

Textbook: *Engineering Economic Analysis*, 11th ed, 2011, by Newnan, Eschenbach & Lavelle

ISBN: 9780199778126

Oxford Press