

UNIVERSITY OF LOUISVILLE

Dept. of Industrial Engineering/Speed School of Engineering

COURSE SCHEDULE

Spring, Summer and Fall, 2010

Updated: January 19, 2010

Start Date	End Date	Location	Course & Section	Course Title	Instructor	TEXTBOOK REQUIREMENT
SPRING, 2010						
1/8/2010	1/17/2010	BM	IE 541 - 97	Simulation (<i>Group 1B</i>)	G. Evans	Simulation with Arena 5th Edition; McGraw Hill Publishing ISBN = 007-337-6280 Authors = W. D. Kelton, R. P. Sadowski, N.B. Swets
2/5/2010	2/14/2010	BM	EM 694 - 97	Global Mgmt/Entrepreneurship (<i>Group 2 All</i>)	B. Wilmes	Handouts only; no textbook required.
3/12/2010	3/21/2010	BM	IE 631 - 96	Advanced Quality Control (<i>Open to all; required for Group 2</i>)	Staudacher	Total Quality Control Volume 1; Revised, Fortieth Anniversary Edition; McGraw Hill ISBN = 007-162628X; ISBN-13 = 978-007-1626286 Author = Armand V. Feigenbaum
3/26/2010 4/9/2010	3/28/2010 4/11/2010	R	IE 657 - 97	Models for Design & Analysis of Logistical Systems (<i>Group 1B</i>)	S. Heragu	Design & Analysis of Lean Production Systems Copyright 2002; Wiley Publishing ISBN = 0-471-11593-2 Authors = R. G. Askin and J. B. Goldberg
4/9/2010	4/18/2010	R	EM 670 - 96	Engineering Financial Management (<i>Group 2; course will be offered again September 2010 in Germany for Group 1</i>)	Archer	Introduction to Management Accounting, Chapters 1-14 14th Edition, May 19, 2007; Prentice Hall Publishing ISBN-10 = 0136141501; ISBN-13: 978-0136141501 Authors = Horngren, Sundem, Stratton, and Schatzberg
5/7/2010	5/16/2010	R	IE 631 - 98	Advanced Quality Control (<i>Open to all; required for Group 2</i>)	Staudacher	Total Quality Control Volume 1; Revised, Fortieth Anniversary Edition; McGraw Hill ISBN = 007-162628X; ISBN-13 = 978-007-1626286 Author = Armand V. Feigenbaum
1/15/2010	7/16/2010	R/BM	EM 699 - 96	EM Masters Project	W. Biles	
1/15/2010	7/16/2010	R/BM	IE 690 - 96	M.S. Thesis in IE (<i>see note below</i>)	G. Evans	
1/15/2010	7/16/2010	R/BM	EM 690 - 96	M. Eng. Thesis in EM (<i>see note below</i>)	W. Biles	
<i>NOTE: All students who took IE 690 or EM 690 in Fall 2009 must also take in it in Spring, 2010</i>						

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SUMMER, 2010 - Taught in Louisville

6/21/2010	7/2/2010	Louisville	IE 610 - 01	Foundations of Optimization 1 (<i>Group 1B</i>)	G. Depuy	Introduction to Operations Research 9th edition (NOTE: Earlier editions acceptable) ISBN 13 = 978-00772-98340 Authors = Hillier and Lieberman
7/6/2010	7/16/2010	Louisville	IE 660 - 01	Reliability and Maintainability (<i>Group 1B</i>)	J. Usher	An Introduction to Reliability and Maintainability Engineering 2nd Edition, Copyright 2010, Waveland Press ISBN = 1-57766-625-9 IBN-13 = 978-1-577-66-625-7
6/21/2010	7/2/2010	Louisville	EM 525-01	Project Management (<i>Group 2</i>)	G. Evans	Project Management: A Managerial Approach 7th edition; Wiley Publishing ISBN 13 = 978-0-470-22621-6 Authors = J. R. Meredith and Samuel J. Mantel, Jr.
7/6/2010	7/16/2010	Louisville	IE 580 - 01	Principles of Occupational Ergonomics (<i>Group 2</i>)	G. Holman	An Introduction to Human Factors 2nd Edition; Copyright 2004; Pearson Education ISBN = 013-183736-2 Authors = Wickens, Lee, Liu, and Gorden-Becker Manual of Structural Kinesiology 16th edition; Copyright 2006; McGraw Hill Publishing ISBN = 007-302-8738 ISBN 13 = 978-007-3028736 Authors = R. T. Floyd and C. W. Thompson This book should be available as an e-book. A third book on specific writing techniques for the required course report will be available for purchase for US\$15 upon arrival. The book is produced in-house and not available prior to arrival.

Summer, 2010 - Taught in Germany (John Deere location in Germany)

8/1/2010	8/8/2010	Mannheim	IE 590 - 97	Engineering Graphics Visualization 2 (Group 2B)	J. Leach	
Sunday to Sunday				<i>(same students as took Visualization 1 in Summer 2009)</i>		

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FALL, 2010

8/28/2010	Onsite	IE 693 - 97	PhD Qualifying Examination* (1 until 5 p.m.)	J. Usher	None required.	
<i>*Only for those adequately prepared in Operations Research (IE 610); Sim (IE 541); and Prob. Stats.</i>						
9/10/2010	9/19/2010	Rheda	EM 670-97	Eng. Financial Management	D. Archer	Introduction to Management Accounting 15th Edition (projected release date March 15, 2010) Prentice Hall Publishing ISBN = 013-610-2654 Authors = Horngren, Sundem, Stratton, Burgstahler, Schatzberg
9/17/2010	9/26/2010	BM	IE 630 - 97	Advanced Production Systems Design	Alexander	Factory Physics 3rd Edition; Copyright 2008; McGraw Hill Irwin Publishing ISBN 978-007-282403-2 Authors = Wallace L. Hopp and Mark L. Spearman
10/8/2010	10/17/2010	Rheda	IE 610 - 97	Foundations of Optimization 1	G. Depuy	Introduction to Operations Research 9th edition (NOTE: Earlier editions acceptable) ISBN 13 = 978-00772-98340 Authors = Hillier and Lieberman
11/5/2010	11/14/2010	Gaisbach**	EM 661-97	Engineering Statistics 2	W. Biles	Applied Probability and Statistics for Engineers 4th edition; Copyright 2007; Wiley Publishing ISBN: 0-471-745898 Authors=D.C. Montgomery and G. C. Runger

** Statistics Course with Dr. Biles in November will take place at the headquarters of Adolf Wuerth in Gaisbach.

Address

Adolf Wuerth GmbH & Co. KG
Reinhold-Wuerth-Str. 12-17
74653 Kuenzelsau-Gaisbach
Room number: A 134/135/136

Hotel recommendation for your stay:

- Anne Sophie in Künzelsau
- Panorama Hotel in Waldenburg
- Hotel garni Wilder Mann
- Hotel Nicklass in Ingelfingen
- Schloßhotel in Ingelfingen.

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