



Volume 20, No. 1

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Fall 2009 Course Listing

College of Business

ACC 600 Foundations ACC Managers & Engineers
Mr. Hunter Hoskins
824-6505, hunter.hoskins@uah.edu
Text: *Financial Accounting Reporting & Analysis*,
Stice and Stice, 7th edition, ISBN 0-324-22732-9
Distance Learning Only

BLS 511 Business Law for Accountants
Dr. Charles Hickman
824-6598, charles.hickman@uah.edu
Texts: *The Gleim CPA Review Manuals for Regulation*, ISBN
9781581947120
Business Environment and Concepts, ISBN 9781581947106
Per Dr. Hickman - **The least expensive method to acquire
these is to call Gleim at 1-800-874-5346, identify yourself
as a UAHuntsville student and place the order.**
Distance Learning Only

ECN 600 Foundations of Economics
Dr. Jack Schnell
824-6710, schnellj@uah.edu
Text: *Economics: Principles and Policy*. Baumol & Blinder,
11th edition, ISBN 0324586205
Distance Learning Only

MKT 600 Survey of Marketing Management
Tuesday, 5:30 – 8:30, TH S105
Dr. Brent Wren
824-6681, wrenb@uah.edu
Text: *Framework for Marketing Management*, Kotler, 4th edi-
tion, ISBN 9780136026600

MSC 600 Operations Management
Wednesday, 5:30 – 8:20, TH N153
Dr. John P. Ballenger
824-6565, ballenj@uah.edu
Text: *Operations Management* (w/DVD), Stevenson, 9th edi-
tion, ISBN 9780073290942

College of Science

CS 617 Design & Analysis of Algorithms
Monday & Wednesday, 2:20 – 3:40, TH N155
Dr. Hu Zhang
824-5084, h Zhang@cs.uah.edu
Text: *Introduction to Algorithms* (w/CD), Cormen, 2nd edition,
ISBN 9780072970548

CS 650 Software Engineering
Monday & Wednesday, 3:55 – 5:15, TH N153
Dr. Harry Delugach
824-6614, delugach@cs.uah.edu
Text: *Software Engineering*, Pressman, 7th edition, ISBN
9780073375977

College of Engineering

CPE 512 Introduction to Parallel Programming
Tuesday & Thursday, 12:45 – 2:05, TH N142
Dr. Earl B. Wells
824-6047, wells@ece.uah.edu
Text: *Parallel Programming*, Wilkinson. 2nd Ed. ISBN
13:9780131405639

CPE 656 Software Engineering Studio I
Tuesday & Thursday, 12:45 – 2:05, TH N155
Dr. Jeffrey Kulick
824-6049, kulick@ece.uah.edu
Texts: *Software Requirements*, 2nd ed., Wiegers. ISBN 13:
9780735618794; *Estimating Software Intensive Systems*,
Stutzke, ISBN 13:9780201703122

EE 629 Analytical & Computational Methods in EE
Monday & Wednesday, 2:20 – 3:40, TH N142
Dr. Mark Tillman
313-7443, rtillman@eng.uah.edu
Text: *Advanced Engineering Mathematics*, O'Neil, ISBN
9780534552084

Business Administration	256.824.6680
Computer Science	256.824.6088
Electrical & Computer Engineering	256.824.6316

Technology Update

We have updated our MediaSite server to improve the
quality of service and options provided to the DL students.

The log-in URL has changed to

<http://engdlmedia.uah.edu/engdl/catalog>.

If you bookmarked the log-in page, please update your
bookmarks. You can continue to access the lecture files
from our webpage <http://www.engdl.uah.edu/>.

EM 660 Engineering Management Theory

Tuesday, 3:55 – 6:50, TH N140

Dr. Dawn Utley

824-6075, utley@ise.uah.edu

Texts: *Zapp! Lightning of Empowerment*,

Byham, ISBN 9780449002827

Good to Great, Collins, ISBN 9780066620992

In Search of Excellence (Trade Ed), Peters,

ISBN 9780446385077, *Great Writings in Management*,

Boone, Custom Course PK #4004

EM 666 Engineering Project Management

Thursday, 3:55-6:50, TH N140

Dr. Donald Tippett

824-6895, tippett@ise.uah.edu

Text: *Project Management*, Kerzner, 10th edition,

ISBN 9780470278703

EM 666 Course Notes, available only through UAH bookstore

ISE 439 (a) Engineering Economy (Grad)

Tuesday & Thursday, 12:45 – 2:05, TH N140

Dr. Paul Componation

824-6738, pjc@ise.uah.edu

Text: *Fundamentals of Engineering Economics*, Park, 2nd edition

ISBN 9780132209601

ISE 439 (b) Probability & Engineering Statistics (Grad)

Monday & Wednesday, 3:55- 5:15, TH N142

Dr. Julie Fortune

824-6314, Julie.Fortune@uah.edu

Text: *Statistics for Engineers & Scientists*, Navidi, 2nd edition,

ISBN 9780073309491

ISE/PY 502 Industrial & Organizational Psychology

Tuesday & Thursday, 3:55 – 5:15, TH S105

Dr. Sandra Carpenter

824-2319, carpens@uah.edu

Text: *Work in the 21st Century*, Landy & Conte. Blackwell Pub.;

ISBN 9781404144346

ISE 530 Manufacturing Systems & Facilities Design

Tuesday & Thursday 2:20 – 3:40, TH N153

Dr. Sherri Messimer

824-6211/6877, messimer@ise.uah.edu

Text: *Automation, Production Systems*, Groover, 3rd edition,

ISBN 9780132393218

ISE 547 Introduction to Systems Simulation

Tuesday & Thursday, 5:30 – 6:50, TH N153

Dr. James Swain

824-6749, jswain@ise.uah.edu

Text: *Simulation w/Arena* (w/CD), Kelton, 5th edition,

ISBN 9780073376288

ISE 626 Introduction to Operations Research

Tuesday, 5:30 – 8:20, TH N142

Dr. Billy Maloney

Billy.Maloney@dynetics.com

Text: *Introduction to Operations Research* (w/CD:#321064), Hillier,

8th edition, ISBN 9780073211145

ISE 627 Engineering Systems

Monday & Wednesday, 5:30 – 6:50, TH N155

Dr. P. J. Benfield

824-2976, pj.benfield@uah.edu

Text: *Systems Engineering*, Hitchins,

ISBN 9780470058565

ISE 641 Advanced Quality Control

Wednesday, 5:30 – 8:20, TH N140

Dr. Sampson Gholston

824-7310, gholston@ise.uah.edu

Text: *Six Sigma*, Tang, ISBN 9780470025833

ISE 670 Integrated Product & Process Design

Monday, 5:30-8:20, TH N140

Dr. Phillip A. Farrington

824-6568, paf@ise.uah.edu

Texts: *Total Quality Development*,

ASME, ISBN 9780791800690

Wisdom of Teams (with New Intro),

Katzenbach, ISBN 9780060522001

ISE 690 Statistical Methods for Engineers

Monday & Wednesday, 3:55 – 5:15, TH N140

Dr. Sampson Gholston

824-7310, gholston@ise.uah.edu

Text: *Applied Statistics & Probability for*

Engineers, Montgomery, 4th edition,

ISBN 9780471745891

ISE 741 Quality Engineering

Tuesday & Thursday, 3:55 – 5:15, TH N142

Dr. James Swain

824-6749, jswain@ise.uah.edu

Text: *Response Surface Methodology: Process &*

Product Optimization using Designed Experiments,

Meyers, 2nd edition, ISBN 9780470174463

MAE 530 Fundamentals of Aerodynamics

Tuesday & Thursday, 11:10 – 12:30, TH N155

[Dr. Brian Landrum](mailto:Dr.Brian.Landrum)

824-7207, landrum@mae.uah.edu

Text: *Fundamentals of Aerodynamics*, Anderson,

3rd edition, ISBN 9780072950465

MAE 540 Rocket Propulsion I

Monday & Wednesday, 3:55 – 5:15, TH N155

Mr. Thomas Percy

824-6154, Thomas.K.Percy@saic.com

Text: *Rocket Propulsion Elements*, Sutton,

7th edition, ISBN 9780471326427

MAE 541 Air Breathing Propulsion

Tuesday & Thursday, 9:35 – 10:55, TH N155

Dr. Brian McDonald

824-6154, Brian.McDonald8@us.army.mil

Text: *Gas Turbine Theory*, Saravanamuttoo,

5th edition, ISBN 0130115847X

Distance Learning Staff

MAE 631 Rotorcraft Design I
Tuesday & Thursday, 2:20 – 3:40, TH N155
Mr. Chris Sauter
824-6147, chris.sauter@uah.edu
Text: *Helicopter Performance, Stability & Control*,
Prouty, ISBN 9781575242095

MAE 633 Tactical Missile Design I
Tuesday & Thursday, 2:20 – 3:40, TH N140
Dr. Brian Landrum
824-7207, landrum@mae.uah.edu
Text: *Tactical Missile Design*, Fleeman, 2nd edition,
ISBN 9781563477829

MAE 663 Astrodynamics
Monday & Wednesday, 5:30 – 6:50, TH N142
Dr. Michael Griffin
824-5670, michael.griffin@uah.edu
Text: *Fundamentals of Astrodynamics*, Bate, Mueller & White,
Dover, ISBN 0-486-60061-0

Industrial & Systems Engineering and Engineering Management	256.824.6316
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Mechanical & Aerospace Engineering	256.824.5118
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Personnel Changes in Distance Learning Office

This spring Charity O'Neil graduated with her MBA and has secured a job with the Boeing Corp. Charity had been with us for 13 years as a valued member of our office. We wish Charity well in her new position.

We have hired Sherri Restauri to our team of Distance Learning providers and look forward to her joining us July 27. Sherri comes to us from Jacksonville State University, where she was instrumental in their Distance Learning program. We want to welcome Sherri and look forward to new ideas and enhanced service to our students and faculty as a result of Sherri's joining us.

Dr. Dawn R. Utley
Associate Professor
Interim Director of Distance Learning
Technology Hall N136
utley@ise.uah.edu
256.824.6075

Dottie Luke
Distance Learning Administrative
Secretary
Technology Hall N138
luke@ise.uah.edu
256.824.6976
256.824.6608 (fax)

Call the DL Administrative Office with administrative questions or to have an exam proctored. You may contact the professor directly for specific information pertaining to current course work.

Kathy Gentry
ISEEM Department Staff Assistant
Technology Hall N143
gentryk@ise.uah.edu
256.824.6256
256.824.6733 (fax)

Harley Hollingsworth
Distance Learning Telecommunications Specialist
Technology Hall N 157
hollingh@ise.uah.edu
256.824.7480

Planning Your Academic Future

Academic Calendar

Through Aug. 18	Registration for fall classes.
Aug. 19	Fall classes begin. Tuition due for on-campus courses (Huntsville-area students: this includes Capstone, Thesis and Dissertation hours).
Aug. 25	Last day to add a class.
Sept. 1	Last day to drop with a refund. There will be NO refunds after this date. Tuition due for DL courses. Application deadline for MSE and PhD students graduating in fall. See Dottie.
Sept. 7	Labor Day. UAH closed.
Sept. 16	Last day to change from credit to audit.
Oct. 8-9	Fall break.
Oct. 15	Oral Defense deadline for thesis and dissertation students graduating in fall. See advisor.
Oct. 30	Last date to withdraw from a class. NO REFUND.
Nov. 2	Theses and dissertations due to Graduate Dean.
Nov. 16	MSE Non-Thesis Final Oral Exam for students graduating in fall. See advisor.
Nov. 25	No classes.
Nov. 26-67	Thanksgiving Holidays. UAH closed.
Dec. 1-10	Final Exams.
Dec. 18-19	Fall Commencement.
Dec. 24-31	Winter Break. UAH closed.
Jan. 11, 2010	Spring classes begin.

Fall Tuition Payments

Zone	Location	Tuition
1	AL & Qualifying TN counties*	\$1367
2	East of the Miss. River	\$1645
3	West of the Miss. River	\$1686
4	International	\$2585

*Students eligible for in-state tuition include residents of Bedford, Coffee, Franklin, Giles, Lawrence, Lincoln, Marion, Marshall, or Moore Counties in Tennessee.

Faculty Advising Schedule

AEDC:	July 31	9:00am – 11:00pm
SPAWAR:	Aug. 4	11:00am – 1:00pm
Savannah River:	Aug. 5	9:30am – 12:00pm
Arsenal:		
Bldg 5400 SELA	Aug. 6	9:00am – 11:00am
Bldg 4488	Aug. 6	11:30am – 1:30pm
SED	Aug. 6	2:00pm – 3:00pm

Tentative Future Courses

Spring 2010

ISE 439 (a) Engineering Economy (Grad)
 ISE 439 (b) Probability & Statistics I (Grad)
 ISE 503 Human Factors Psychology
 ISE 523 Statistical Quality Control
 ISE 533 Production & Inventory Control Systems
 ISE 601 Intro. to Probability & Statistics for Engineers
 ISE 690 Statistical Methods for Engineers
 ISE 723 Engineering Economic Analysis
 ISE/EM 761 Evolving Theory of ISE/EM
 ISE 790 Advanced Statistical Applications
 EM 664 Teams in Action
 EM 760 Organization Structure for the Technical Enterprise
 EM 766 Managing Change in High Tech Organizations
 EM/ISE 761 Evolving Theory of EM/ISE
 CPE 658 Software Engineering Studio II
 CPE 612 Parallel Algorithms
 CPE 648 Advanced Computer Networks
 EE 693 ECE Capstone
 CS 652 Object-Oriented Analysis & Design

Please note that ISE & EM 697, 698, 699 and 799 are offered every semester!

Summer 2010

ISE 439 (a) Engineering Economy (Grad)
 ISE 439 (b) Probability & Engineering Statistics
 ISE 526 Design & Analysis of Experiments
 ISE 537 Electronic Manufacturing Processes
 ISE 638 Engineering Reliability
 ISE 734 Decision Analysis
 EM 661 Strategic Engineering Management
 EM 667 Labor Relations
 BLS 511 Business Law for Accountants

General Information

Registration Procedures

- Complete registration form IN FULL each time!
- Use your A Number (UAH ID number), not SSN.
- Signature at bottom of form is required.
- Late charges apply for all late registrations or late payments.
- Call the Bursar at (256) 824-6222/6226 to make a payment. MasterCard, Visa, Discover, or American Express are accepted. (If you pay by check, your payment will not be credited to your account until your check clears, which can take up to two weeks.)
- If your company covers tuition, all information concerning billing must be included with registration.

Email Accounts and Student Numbers

To discover your email address,
call Charger Central at 256-824-7777.

To discover your student A number,
call Dottie Luke at 256-824-6976.

Tuition Bills

UAHuntsville will no longer mail paper bills or final grades. You can check your bill statement and your grades/transcript by doing the following:

- Go to register.uah.edu
- Click on Enter Secure Area
- User ID is your student A number

First-time users, your PIN is your birthday (mmddyy). You will be asked to change it to a 6 digit number.

Parking Decals

Local DL students must go to the Intermodal Facility (parking garage) at 501 John Wright Drive, across the street from the Fitness Center, for their decals. On-campus students receive them automatically in the mail. Please note that starting Fall 2009, UAH tags will not substitute for the decal. **All vehicles must display a decal; the decal fee will be \$120 as of August 2009.**

Distance Learning Students **must** register and drop/add courses through the Distance Learning Administrative Office.
Technology Hall, N138
(256) 824-6976
luke@ise.uah.edu

Distance Learning Procedures for New Students

- The web posting is available within 1 hour after class.
- CDs are distributed to local DL student mailboxes in Technology Hall, N154, within 24 hours of the class, or sent to remote students via 2nd day air the next evening following the class.
- Assignments should be submitted either directly to the instructor via email or other designated delivery method or to the DL office. Graded assignments will be returned in the same manner as the CD distribution.
- Exams are proctored from the DL office for local students. These should be scheduled through Dottie Luke (256-824-6976) and are held every weekday starting at 9:30 am or 1:30 pm.
- Remote DL student exams must go through the industry proctor. Students are responsible for identifying the proper proctor at their location and submitting the proctor's name and contact information to Dottie Luke (256-824-6976). We will then contact and certify the proctor. Exams are sent directly to the proctors with instructions for administration.

ANGEL Help

If you have technical trouble with ANGEL contact Computer Network Services at 256-824-2639 or 2608. ANGEL is not run or supported by Distance Learning, but is a university supported student/professor interactive tool.

Graduation News

The following students have met the requirements for the PhD

Paul Lamore of Mountain Top, PA. Dissertation Title: "An Empirical Investigation of the Antecedents of Market Orientation and Organizational Effectiveness."

Jennifer Watson of Virginia Beach, VA. Dissertation Title: "Critical Success Factors for Implementing Transitional Organizational Change in a Government Engineering Organization."

The following student has met the requirements for the MSE

Mary DeArment of Harvest, AL. Capstone Title: "The University of Alabama in Huntsville Masters in Systems Engineering: Meeting Graduate Students' Needs."

The following student has met the requirements for the MSOR

Taryn Preuit of Huntsville. Capstone title: "A Contrast and Comparison of Lean and Six Sigma."

The following student has passed his PhD Qualifying Exam

Bill Schell of Bozeman, MT

The following student has passed his PhD Comprehensive Exam

Jason Gilliam of Huntsville.

MSSE Offered through Distance Learning

Master of Science in Software Engineering

The MSSE, offered through the Electrical and Computer Engineering Department and the Computer Science Department, will be launched in the Fall via Distance Learning. Classes start Aug 18 and we will be offering the following courses:

- CPE 512 (Intro. to Parallel Programming)
- CPE 656 (Software Engineering Studio I)
- CS 617 (Design & Analysis of Algorithms)
- CS 650 (Software Engineering Process) - a good starting course

The Master of Science in Software Engineering prepares graduates at an advanced level for a professional career as a practicing software engineer in industry, business or government. The MSEE program focuses on 2 objectives.

The first objective is to provide students with an understanding of the fundamentals of software development. This will be done through courses that cover all phases of the software development process, starting with specification of requirements, and continuing through formal methods, design techniques, testing methods, quality assurance, configuration management, and process assessment. The second objective is to insure our graduates can apply their classroom knowledge in the real world where they would normally be part of a software development team. This aspect of their education will be done by augmenting classroom instruction with significant amounts of practical experience in using modern software tools and techniques in a team environment.

This program is available to engineers and computer scientists who have the necessary background in programming. You can complete an admission form now (by the end of July) for full admission to the program. Or we can admit you as a non-degreed student for the first semester while you get the necessary transcripts ordered and the GRE taken in preparation for full admission. Both graduate applications can be found on our DL website <http://www.engdl.uah.edu/> (under Related Materials at the bottom) or from our School of Graduate Studies <http://www.uah.edu/gradschool/> where you can apply on-line.

For more information about the program, contact:

Dr. David Coe
EB 217B, UAH
Huntsville, Al 35899
256-824-3583

UAHuntsville Distance Learning

Textbook Order Form

Please Fax to 256-824-6754

www.uah.bkstr.com

Don't forget, you can always order textbooks online on our safe & secure site at www.uah.bkstr.com.

Student's Name (Please Print Clearly) _____

Address (NO P.O Boxes) _____

City _____ State _____ Zip _____

Phone _____ Email _____

Textbooks Needed	Course # (Example ISE 690)
_____	_____
_____	_____
_____	_____

Check here if you would like used textbooks (if available).

Check here if you would like to be notified of your total.

Payment Information:

Visa MasterCard Discover American Express

Government Credit Card (Must provide tax exempt #) _____

Card # _____ Exp. _____ Billing zip _____

Signature of Cardholder _____

If your employer will be paying for your books, you MUST provide the following information. Otherwise, Payment will be YOUR RESPONSIBILITY.

Name of Employer: _____

Address: _____

City/State/ Zip: _____

Contact Person: _____

Shipping Information

Shipping will be FEDEX ground at no charge to you. Express or overnight shipping will be additional charge.

Return/ Exchanges

You must have your receipt to receive a refund or exchange. All books in plastic wrap must be unopened.

Call 256-824-6600 with any questions. We will be glad to help you. Ask for the textbooks or shipping information.
www.uah.bkstr.com