Summer 2009 Newsletter

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**Summer 2009 Course Listing**

**BLS 511 Business Law for Accountants**  
1st Summer Mini-Session (DL students have 10 weeks to complete)  
3 Hrs - Hickman - Monday - Thursday, 5:00 - 7:00, TH S105  
Text: Gleim CPA Review - Regulation  
ISBN 9781581947120  
Text: Gleim CPA Review - Business Environment and Concepts  
ISBN 9781581947106

**CS 656 Software Testing**  
3 Hrs - Delugach - Tuesday & Thursday, 12:30 - 2:30, TH N155  
Text: The Art of Software Testing, 2nd Ed. Myers  
ISBN 9780471469122

**EE 630 Analysis & Comp Methods ELEC EG II**  
3 Hrs - Lawrence - Monday & Wednesday, 12:30 - 2:30, TH N155  
Text: Advanced Engineering Mathematics, O’Neil  
ISBN 9780534552084

**EM 662 Fundamentals of Quality Systems Management**  
3 Hrs - Gholston - Tuesday & Thursday, 5:00 - 7:00, TH N142  
Text: Quality Management, 5th Ed. Goetsch  
ISBN 9780131189294

**EM 665 Financial Methods for Engineers**  
3 Hrs - Tippett - Monday & Wednesday, 5:00 - 7:00, TH N142  
Text: Understanding the Corporate Annual Report, Fraser  
ISBN 9780131004313  
Text: Accounting: Concepts & Applications, 10th Ed. Albrecht, Stice  
ISBN 9780324376159

**ISE 439 (a) Engineering Economy (Grad)**  
3 Hrs - Virani - Tuesday & Thursday, 5:00 - 7:00, TH N140  
Text: Fundamentals of Engineering Economics, 2nd Ed. Park  
ISBN 9780132209601

**ISE 439 (b) Probability & Engineering Statistics (Grad)**  
3 Hrs - Gholston - Monday & Wednesday, 5:00 - 7:00, TH N155  
Text: Statistics for Engineers & Scientists, 2nd Ed. Navidi  
ISBN 9780073309491

**ISE 526 Design & Analysis of Experiments**  
3 Hrs - Farrington - Monday & Wednesday, 5:00 - 7:00, TH N140  
Text: Design & Analysis of Experiments, 6th Ed. Montgomery  
ISBN 9780471487357

**ISE 638 Engineering Reliability**  
3 Hrs - Wessels - Tuesday & Thursday, 2:45 - 4:45, TH N153  
Text: Practical Reliability Engineering, 4th Ed. O’Connor  
ISBN 9780470844632

**ISE 734 Decision Analysis**  
3 Hrs - Messimer - Tuesday & Thursday, 5:00 - 7:00, TH N155  
Text: Making Hard Decisions (w/CD), Clemen  
ISBN 9780495015083

**MAE 530 Fundamentals of Aerodynamics**  
3 Hrs - Landrum - Tuesday & Thursday, 10:15 - 12:15, TH N153  
Text: Fundamentals of Aerodynamics, 3rd Ed. Anderson  
ISBN 9780072950465

**MAE 540 Rocket Propulsion I**  
3 Hrs - Percy - Monday & Wednesday, 2:45 - 4:45, TH N155  
Text: Rocket Propulsion Elements, 7th Ed. Sutton & Biblarz  
ISBN 9780471326427

**MAE 541 Airbreathing Propulsion**  
3 Hrs - McDonald - Monday & Wednesday, 10:15 - 12:15, TH N153  
Text: Gas Turbine Theory, 5th Ed. Saravanamuttoo, Rogers, Cohen  
ISBN 9780130158475

**MAE 568 Elements of Spacecraft Design**  
3 Hrs - Benfield - Monday & Wednesday, 12:30 - 2:30, TH N153  
Text: Space Mission Analysis & Design, Wertz  
ISBN 9781881883104

**MAE 580 Aircraft Stability & Control**  
3 Hrs - Staff - Monday & Wednesday, 5:00 - 7:00, TH N153  
Text: Performance, Stability, Dynamics, & Control of Airplanes, 2nd Ed. Pamadi  
ISBN 9781563475832

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**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/.
Planning Your Academic Future

Academic Calendar

Apr 6-May 22  Registration for summer classes.
April 21……… Deadline to remedy a grade of Incomplete from previous semester.
May 8-9……… Spring Commencement.
May 25……… Memorial Day.  UAH closed.
May 26……… Classes start.

Tuition due for on-campus classes (Huntsville-area students: this includes Capstone, Thesis and Dissertation hours).

June 1……….. Application deadline for MSE and PhD students graduating in summer.  See Dottie.

Last day to add a class.
June 5……….. Tuition due for DL courses.

Last day to drop with a refund.  There will be NO refunds after this date.


Last date to change from credit to audit.
June 30……… Theses and dissertations due to Graduate Dean.

July 3………… Independence Day.  UAH closed.

July 14……….. Last date to withdraw from a class.

NO REFUND.
July 15……… Oral exam deadline for non-thesis students graduating in summer.  See advisor.

July 28……….. Study Day.  No classes.
July 29-31…… Summer Final Exams.

Faculty Advising Schedule

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<thead>
<tr>
<th>Zone</th>
<th>Location</th>
<th>Tuition</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>AL &amp; Qualifying TN counties*</td>
<td>$1238</td>
</tr>
<tr>
<td>2</td>
<td>East of the Miss River</td>
<td>$1378</td>
</tr>
<tr>
<td>3</td>
<td>West of the Miss River</td>
<td>$1412</td>
</tr>
<tr>
<td>4</td>
<td>International</td>
<td>$2165</td>
</tr>
</tbody>
</table>

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

Tentative Future Courses

Fall 2009

ISE 439-(a) Engineering Economy (Grad)
ISE 439-(b) Probability & Statistics I (Grad)
ISE 502 EM 711
ISE 530 MAE 530
ISE 547 MAE 540
ISE 626 MAE 541
ISE 627 MAE 631
ISE 641 MAE 633
ISE 670 (MAE 631) MSC 600
ISE 690 MKT 600
ISE 741 ECN 600
EM 660 BLS 511
EM 666 CPE 656

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

Spring 2010

ISE 439-(a) Engineering Economy (Grad)
ISE 439-(b) Probability & Statistics I (Grad)
ISE 503
ISE 523
ISE 533
ISE 601
ISE 723
ISE 726
ISE 790
EM 664
EM 760
EM 766
EM/ISE
General Information

Registration Procedures

• Complete registration form IN FULL each time!
• Use your A Number (UAH ID number), not SSN.
• Signature at bottom is required.
• Late charges apply for all late registrations or late payments.
• Call the Bursar at (256) 824-6223/6226 to make a payment; MasterCard, Visa, Discover, or American Express are accepted.
• If company covers tuition, all information concerning billing must be included with registration.
• Student is responsible for obtaining required textbooks.

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 name and contact information to Charity O'Neil (256-824-6563). We will then contact and certify the proctor. Exams are sent directly to the proctors with instructions for administration.

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

Starting in Fall 2008 UAHuntsville will no longer be mailing paper bills. You can check your bill statement 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) and you will be asked to change it to a 6 digit number.

Parking Decals

Local DL students must go to the Public Safety Office in the Physical Plant bldg (south end of campus) 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 will have to display a decal.

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

Robert Hall of Huntsville. Dissertation Title: “Fall Prevention in the Active Female Population through Recurrent Low-Cost Intervention.”

Dorin Scheianu of Houston, TX. Dissertation Title: “Multivariate Control Charts for Industrial Processes Fault Detection, Monitoring and Diagnosis.”

Helen “Leann” Thomas of Madison, AL. Dissertation Title: “Factors Influencing the Selection of the Systems Integration Organizational Model Type for Planning and Implementing Government High-Technology Programs.”

The following students have met the requirements for the MSE

Jared Biggs of Harvest, AL. Capstone Title: “A Methodology To Support Analysis of an Ares I Lifecycle Operations Model.”


Mason Booth of Hartselle, AL. Capstone Title: “Using Six Sigma in the System Engineering Life Cycle.”

Norman Duffell of Gurley, AL. Capstone Title: “Investigating the Behavior of Teaming Characteristics throughout the Project Lifespan.”

Robert Goldsmith of Madison, AL. Capstone Title: “Requirements and DoD Programs of Record.”

Jess Frank Granone of Decatur, AL. Capstone Title: “Analysis of Clinical Data from Breast Cancer Patient(s) Questionnaire.”

Amy Greene of Arab, AL. Capstone Title: “Retaining Valuable Knowledge in Engineering-Based Organizations.”

Julie Howell of Toney, AL. Capstone Title: “Humor in the Workplace.”

Patrick Jemison of Huntsville. Capstone Title: “A Continuous Ramp Methodology for Vibration in Highly Accelerated Life Testing.”

LaTrice Johnson of Goose Creek, SC. Capstone Title: “A Competency Aligned Organization: Evaluating SPAWAR’s Transition.”

Brenda E. Jones of Harvest, AL. Capstone Title: “A Utilization of Modeling and Simulation To Evaluate Mutual Fund Investment Strategies.”

Ryan Mack of Madison, AL. Plan IIB – No Capstone.

Kristopher McDougal of Madison, AL. Capstone Title: “The Application of a Trade Study Methodology To Determine Which Capabilities To Implement in a Test Facility Data Acquisition System Upgrade.”

Brandon Miller of Hazel Green, AL. Capstone Title: “Lean Green Value Stream Mapping.”

Wade Mize of Madison, AL. Capstone Title: “Radar Resource Management Model.”

Noel Paschal of Huntsville. Capstone Title: “Mentoring for Department of the Army Civilians at the Space and Missile Defense Technical Center.”

Timothy Pitt of Arab, AL. Capstone Title: “Assessing Current Uncooled Infrared Sensor Technology.”

Glicerio Ralleca of Madison, AL. Capstone Title: “Using Balanced Scorecard To Manage a Product Lifecycle Extension Project.”


Robert Ring of Lacey’s Spring, AL. Capstone Title: “Response Surface Design Planning for Phase III Testing of Cryogenic Insulation Candidates for the Ares I Upper Stage.”

Jonathan Roop of Athens, AL. Capstone Title: “Streamlining the Airworthiness Release Process To Accelerate Implementation for U.S. Aircraft.”

Khalid Sharfi of Huntsville. Capstone Title: “Developing Criteria To Standardize the Project Management Plan in the Construction Projects of the Alabama Department of Transportation – First Division.”

Brie Turso of Huntsville. Capstone Title: “Integration and Interoperability: A Quantitative Analysis for the Program Manager.”

James White of Scottsboro, AL. Capstone Title: “An Analysis of Department of Defense Contractors and Team Performance.”

Nathan Wincey of Huntsville. Capstone Title: “Utilizing Systems Engineering Principles and Project Management Techniques in a HAWK Evolution Design within a Team Environment.”

The following student has met the requirements for the MSOR

Katherine Fanning of Madison, AL. Capstone Title: “Model for Predicting Workforce Needs for Support Changes Required for Payload Operations.”
Distance Learning Faculty & Staff

Dr. Michael Benfield  
Assistant Research Professor  
Shelby Center 157  
benfiem@uah.edu  
256.824.2976

Dr. Harry Delugach  
Associate Professor  
Technology Hall N351  
delugach@cs.uah.edu  
256.824.6614

Dr. Phillip Farrington  
Professor  
Interim Dean, COE  
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256.824.6568/6474

Dr. Sampson Gholston  
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Technology Hall N133  
gholston@ise.uah.edu  
256.824.7310

Dr. Charles Hickman  
Assistant Professor  
BAB 376  
Charles.Hickman@uah.edu  
256.824.6598

Dr. Brian Landrum  
Associate Professor  
Technology Hall S234  
landrum@mae.uah.edu  
256.824.7207

Mr. Jim Lawrence  
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VBRH E47  
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Dr. Sherri Messimer  
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Associate Dean for Eng. Student Affairs  
Technology Hall N148 / EB 157  
messimer@ise.uah.edu  
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Mr. Thomas McDonald  
Principal Research Engineer  
VBRH C16F

Mr. Thomas Percy  
Thomas.K.Percy@saic.com

Dr. Brian Landrum  
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Dr. Sampson Gholston  
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Mr. Troy Skinner  
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Dr. Donald D. Tippett  
Associate Professor  
Technology Hall N135  
tippett@ise.uah.edu  
256.824.6895

Dr. Samantha Virani  
Visiting Assistant Professor  
viranis@email.uah.edu  
256.824.6298

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

Dr. Bill Wessels  
Principal Research Scientist  
VBRH A12  
Bill.Wessels@uah.edu  
256.824.6303

Charity O’Neil  
Distance Learning Operations Manager  
Technology Hall N154  
oneil@ise.uah.edu  
256.824.6563

Please contact the Production Office for assistance with remote exam proctoring, distribution of course work and material, or if you will be on travel and need to make special arrangements.

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)

Business Administration  
256.824.6680

Computer Science  
256.824.6088

Electrical & Computer Engineering  
256.824.6316

Mechanical & Aerospace Engineering  
256.824.5118

Charity O’Neil  
Distance Learning Operations Manager  
Technology Hall N154  
oneil@ise.uah.edu  
256.824.6563

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Kathy Gentry  
ISEEM Department Staff Assistant  
Technology Hall N143  
gentryk@ise.uah.edu  
256.824.6256  
256.824.6733 (fax)
Summer 2009 Course Registration Form
Distance Learning Program
College of Engineering Degree Programs

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Credit Hours*</th>
<th>Credit or Audit</th>
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*EM/ISE 799: 3, 6, or 9 hours
ISE 699: 3 or 6 hours

Please check method of delivery:  __ CD  __ Internet Delivery only (must have high-speed connection)

Student’s Advisor: ____________________________________________

Personal Information:

Full Legal Name: ___________________________________________________________________________________________

First         Middle         Last

A-Number: __________________________

Home Phone: (______)________________ Cell Phone: (______)________________ Work Phone: (______)________________

Check here if this is a new address __

Home Address: __________________________________________________________________________________________

Street      City     State   Zip

Employer: _________________________________ Daytime Email Address: ________________________________________

Work Address: __________________________________________________________________________________________

Street      City     State   Zip

Proctor’s Name: __________________________________ Proctor’s Email: ______________________________________

Proctor’s Phone: (______)________-________________ Proctor’s Fax: (______)__________-______________________

Proctor’s Address: __________________________________________________________________________________________

Street     City     State   Zip

________________________________________________________________________________________

Tuition due June 5, 2009. Late payment will result in a $50 late fee.

Please note: If you drop or withdraw from a DL course, you must do so through the DL Administrative Office.

___ Bill student  ___ Bill my organization

Purchase order #: ________________________________

Billing Address: __________________________________________________________________________________________

Street      City     State   Zip

________________________________________________________________________________________

Validation

I certify that the information given in this application is true and complete, and falsifying may result in dismissal from UAH. I understand that I am responsible for payment.

Student’s Signature: __________________________________ Date: _________________

Advisor’s Signature: __________________________________ Date: _________________
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, Pay-
ment 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