

Volume 20, No. 2

Spring 2010 Newsletter

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Learn more about DL at UAH:

http://www.engdl.uah.edu

Spring 2010 DL Course Listing

CoE supports the offering of a number of academically challenging DL courses and programs. Below is a list of the currently scheduled courses scheduled to be offered via DL in the Spring 2010 semester. We are constantly expanding our course offerings to best meet the needs of our students. If you have a request for a program that is not currently offered, please <a href="mailto:e

For updated information on the schedule, we encourage UAH students to check out the Student Access link to the schedule, available here:

https://register.uah.edu:9041/pls/PROD/ bwckschd.p disp dyn sched

Simply select the academic term in which you are interested, then use the selection filters to search by discipline, course level, etc.

College of Business

ECN 600 Foundations of Economics Dr. Jack Schnell (256) 824-6710, <u>schnellj@uah.edu</u> **Distance Learning Only**

MGT 511 Supply Chain Management Tues. & Thurs., 3:55-5:15, TH N155 Dr. Gregory Harris (256) 824-6060, harrisg@uah.edu

MGT 600 Organizational Theory, Behavior, & Environment Wednesday, 5:30-8:20, TH N153 Dr. Clinton Chadwick (256) 824-6146, cc0002@uah.edu

MKT 600 Survey of Marketing Management Dr. Brent Wren (256) 824-6681, wrenb@uah.edu Distance Learning Only

College of Science

CS 652 Object Oriented Analysis & Design Tuesday & Thursday, 2:20-3:40, TH N155 Dr. Harry Delugach (256) 824-6614, delugach@cs.uah.edu

College of Engineering

CPE 648 Advanced Computer Networks Monday & Wednesday, 12:45 – 2:05, EB 122 Dr. David Pan (256) 824-6642, dwpan@ece.uah.edu

CPE 658 Software Engineering Studio II Tuesday & Thursday, 12:45 – 2:05, EB 122 Dr. Jeffrey Kulick (256) 824-6049, <u>kulick@ece.uah.edu</u>

EE 629 Analytical & Computing Methods in Electr. Eng. Tuesday & Thursday, 12:45-2:05, EB 122 Dr. Mark Tillman (256) 824-6316, randall.tillman@uah.edu

EM 664 Teams in Action Tuesday & Thursday, 3:55 – 5:15, TH N145 Dr. Dawn Utley (256) 824-6075, utley@ise.uah.edu

EM 760 Engineering Management Structures & Systems Tuesday, 3:55 – 6:50, TH N140 Dr. Dawn Utley (256) 824-6075, utley@ise.uah.edu

EM/ISE 761 Evolving Theory Eng Mgmt *On Campus Attendance Required* Monday, 9:30 -3:30, TH N142 Dr. Phillip Farrington (256) 824-6474, dean@eng.uah.edu

EM 766 Managing Change in High Tech Organizations Thursday, 3:55-6:50, TH N140 Dr. Donald Tippett (256) 824-6895, tippett@ise.uah.edu

ISE 439a (321) Engineering Economy Tuesday & Thursday, 3:55-5:15, TH S105 Dr. Paul Componation (256) 824-6738, pic@ise.uah.edu

ISE 439b (390) Probability & Engineering Statistics Tuesday & Thursday, 2:20-3:40, TH N142 Dr. Julie Fortune (256) 824-6314, Julie.Fortune@uah.edu

ISE 503 Human Factors Psychology Tuesday & Thursday, 2:20-3:40, TH N153 Dr. Marita O'Brien mao0005@uah.edu (256) 824-2318

ISE 523 Statistical Quality Control Tuesday & Thursday, 5:30-6:50, TH N155 Dr. Sampson Gholston (256) 824-7310, gholston@ise.uah.edu

Spring 2010 DL Course Listing, continued...

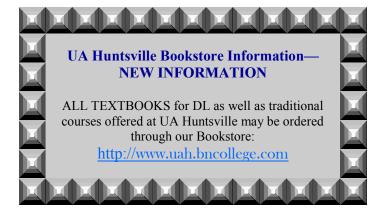
ISE 533 Production/Inventory Control Systems Tuesday & Thursday, 3:55–5:15, TH N155 Dr. Gregory Harris (256) 824-6060, harrisg@uah.edu

ISE 601 Intro to Probability and Statistics for Engineers Monday & Wednesday, 3:55 – 5:15, TH N153 Dr. Frank Fogle (256) 824-6256, dr.f.fogel@nasa.gov

ISE 690 Statistical Methods for Engineers Tuesday & Thursday, 3:55 – 5:15, TH N142 Dr. Sampson Gholston (256) 824-7310, gholston@ise.uah.edu

ISE 723 Engineering Economic Analysis Monday & Wednesday, 3:55 – 5:15, TH N140 Dr. Gillian Nicholls (256) 824-6637, gillian.nicholls@uah.edu

ISE 726 Systems Modeling Monday & Wednesday, 3:55 – 5:15, TH N153 Dr. Sherri Messimer (256) 824-6211/6877, messimer@ise.uah.edu



DL Website Updates!

You may have noticed some changes to the Distance Learning website recently. We have been working to make improvements to our DL website by adding additional features and helpful documents. We now have a separate webpage available for DL Students as well as for DL Faculty Members. We will be working to continue to expand these 2 major areas to provide you with additional resources in the future. Is there something that you feel would be a useful addition to our website? Contact Dr. Sherri Restauri Carson at: <a href="majorage-stream-notice-st

ISE/EM 761 Evolving Theory Eng Mgmt On Campus Attendance Required Monday, 9:30 — 3:30, TH N142 Dr. Phillip Farrington (256) 824-6474, dean@eng.uah.edu

ISE 790 Advanced Statistical Applications Monday & Wednesday, 3:55 – 5:15, TH N142 Dr. James Swain (256) 824-6749, jswain@ise.uah.edu

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

MAE 544 Introduction to Electric Propulsion Tuesday & Thursday, 8:00–9:20, TH N142 Dr. Jason Cassibry (256) 824-5107, cassibj@uah.edu

MAE 568 Elements of Spacecraft Design Monday & Wednesday, 5:30–6:50, TH N140 Mr. Thomas Percy (256) 824-6154, Thomas.K.Percy@saic.com

MAE 580 Aircraft Stability & Control Tuesday & Thursday, 9:35–10:55, TH N155 Dr. Nathan Slegers (256) 824-6543, slegers@mae.uah.edu

MAE 634 Tactical Missile Design II **Distance Learning Only**Dr. Brian Landrum
(256) 824-7207, landrum@mae.uah.edu

MAE 678 Mechanical Composite Materials **Distance Learning Only**Monday, 3:55– 6:50, EB 122
Dr. Vistasp Karbhari
(256) 824-6335, vmk0001@uah.edu

MAE 680 Performance Flight Testing Monday, 5:30—8:30, TH N142 Dr. Jeffery Helms (256) 955-9775, jkhelms@knology.net

MAE 692 Graduate Engineering Analysis I Monday, 5:30–8:20, TH N153 Dr. Michael Griffin (256) 824-6331, michael.griffin@uah.edu

MAE 695 (Special Topics) Guidance & Navigation **Distance Learning Only**Thursday, 5:30–8:20, TH N142
Dr. Michael Griffin
(256) 824-6331, michael griffin@uah.edu

MAE 695 (Special Topics) Advanced Solid Rocket Prop. Friday, 9:10–11:15, TH N142
Dr. Robert Frederick
(256) 824-7203/7200, robert.frederick@uah.edu

Distance Learning Full Program Offerings

Did you know that you may earn an entire degree through DL with UA Huntsville? Here is a current listing of the degrees available:

Engineering Management - MSE or Ph.D.

Industrial Engineering - MSE or Ph.D.

Missile Systems - MSE

Modeling & Simulation - MSE

Operations Research - MSOR

Rotorcraft Systems - MSE

Software Engineering—MSSE

Systems Engineering - MSE or Ph.D.

See our new DL Program & Courses webpage for additional information:

MSSE Offered through DL

The Master of Science in Software Engineering, offered through the Electrical & Computer Engineering Department and the Computer Science Department, was launched in the Fall 2009 via Distance Learning. This was in response to student needs and is open to computer engineers and computer scientists.

The MSSE prepares graduates at an advanced level for a professional career as a practicing software engineer in industry, business, or government. Course methodology, in addition to traditional lecture, includes 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. Graduate applications for admission to this program are available at: 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 online.

Learn more about the MSSE here:

http://www.cs.uah.edu/admissions/msse.html

Distance Learning Contact Information

Distance Learning Student HelpLine

(256) 824-6563

DLHomework@eng.uah.edu

Call the DL Student HelpLine with technical questions with DL.

Dr. Dawn R. Utley

Associate Professor Interim Director of Distance Learning Technology Hall N136 utley@ise.uah.edu (256) 824-6075 Visit Dr. Utley's UAH Website

Dr. Sherri Restauri Carson

Distance Learning Operations Manager Technology Hall N154 srcarson@ise.uah.edu (256) 824-7391 Visit Dr. Carson's UAH Website

Mr. Harley Hollingsworth

Distance Learning Telecommunications Specialist Technology Hall N 157 hollingh@ise.uah.edu (256) 824-7480

Ms. Dottie Luke

Distance Learning Administrative Secretary Technology Hall N138 <a href="https://linear.com/linear.

Call the DL Administrative Secretary with general registration questions or to have an exam proctored. You should contact your DL professor directly for specific information pertaining to course work.

Ms. Kathy Gentry

ISEEM Department Staff Assistant Technology Hall N143 gentryk@ise.uah.edu (256) 824-6256 (256) 824-6733 (FAX)

DL FACULTY SPOTLIGHT: Dr. Gillian Nicholls

"...be aggressive in keeping up with the material and asking for help when something isn't clear.

Being a DL student requires the individual to take a greater responsibility..."

A native of Pennsylvania, Dr. Gillian Nicholls joined the faculty in ISEEM at UAH in the Fall 2009 term. She completed her undergraduate education at Lehigh University in Bethlehem, P.A., earning a B.S. in Industrial Engineering. Soon thereafter, she became employed by Consolidated Rail Corporation (Conrail) in Philadelphia, where she conducted numerous process improvement studies. Her first experience in teaching in academia was a one-year appointment in 2001 at Tennessee Technological University. She noted that this was her first time living in the South and though she never picked up a taste for grits, she did learn to appreciate the singular and plural forms of "Y'all." She very much enjoyed the experience in academia and decided to pursue a doctorate in Industrial Engineering.

After returning to Pennsylvania, she studied with the University of Pittsburgh's Industrial Engineering department. She conducted research into factors that predict students' success in earning a degree in Science, Technology, Engineering, or Math. Dr. Nicholls earned her M.S. in Industrial Engineering in 2004, and her Ph.D. in 2008. Her research interests include statistical modeling and applications; transportation management and operations; and engineering education.

Dr. Nicholls will begin teaching DL for UAH in the Spring 2010 term. She noted in our interview that the range of technological tools for teaching has expanded greatly since her first teaching job in 2001. At that time, she had no access to a standard platform for creating a course website and relied solely on email for contacting students offline.

When she began teaching classes at University of Pittsburgh in 2008, she had access to the university's course management system (CMS), Blackboard. With this system she posted lecture material, solution sets, announcements, grades, and also collected homework assignments. The functionality offered by **ANGEL**, the CMS used at UAH, is even greater. Dr. Nicholls began using it during her first term here with us in Fall 2009, with plans to utilize even more features in the future.

—Dr. Gillian Nicholls

Teaching through DL will be a new experience for Dr. Nicholls; however, having used many of the related DL tools (smartboards; videoconferencing; CMS; etc.), she is looking forward to using the more advanced equipment offered by the DL classrooms at UAH for reaching out to her students. She anticipates the largest challenges will be getting used to interacting with students who view the lectures via CD or through streamed video, and ensuring that these students are integrated fully into the class. Her best advice for students participating via DL is to be aggressive in keeping up with the material and asking for help when something isn't clear. Being a DL student requires the individual to take a greater responsibility for assessing how well he or she is doing. Professors rely a lot on seeing puzzled looks in class to realize that more clarification is required and that a particular student may need more help. It takes a committed mutual effort to make DL education work, so DL students should reach out to their professors when any information is unclear.



Planning Your Academic Future with DL at UAH

Academic Calendar—Spring 2010

Nov. 11, 2009 Registration Begins	Nov.	1, 2009	Registration B	egins
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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 Last day for applications for financial aid, in-

cluding supporting documents.

Dec. 1-10 Final Exams.

Dec. 18-19 Fall Commencement.

Dec. 24-31 Winter Break. UAH closed.

Jan. 1, 2010 New Year's Day. UAH closed.

Jan. 11 Spring classes begin. Tuition DUE by today.

Jan 15 Last day to add courses for Spring 2010 term.

Jan. 18 MLK Day. UAH closed.

Jan. 25 Last day to drop with a refund. There will be

NO refunds after this date.

Feb. 1 Last day for graduate students to apply for

SP10 graduation.

Feb. 8 Last day to change from credit to audit.

March 1 Last day for thesis or dissertation defense for

students graduating SP10

March 15 Theses due to Graduate Dean for students

graduating SP10

March 15-19 Spring Break. No classes.

March 19 Staff Spring Break. UAH closed.

March 29 Last day to withdraw from SP10 classes, NO

REFUND

Dissertations due to Graduate Dean for students April 1

graduating SP10

April 5-

May 21 Registration for Summer 2010

April 6 Honor's Day. No classes.

April 15 Last day for non-thesis final oral exams for

students graduating SP10

Study day. No classes. April 29

Final Exams. April 29-5/5

May 14--15 Spring 2010 commencement.

May 24 Summer 2010 classes begin.

Academic Dept. Contact Numbers

Business Administration (256)824-6680

Computer Science (256)824-6088

Electrical & Computer Engineering (256)824-6316

ISEEM (256)824-6256

Spring 2010 Tuition Charges (PER COURSE)

Please note: DL tuition is paid through the DL office.

Zone Location Tuition AL & Qualifying TN counties* \$1367 2 East of the Miss. River \$1645 3 West of the Miss. River \$1686 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 Dec. 4 10:00am - 11:30pm SPAWAR: Dec. 8 10:00am - 12:00pm Savannah River: Dec. 9 9:00am - 12:00pm

Please note that dates and times are subject to change. Please verify advising schedule prior to attending event.

Tentative Future Courses

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

Summer 2010

EM 661 Strategic Engineering Management

EM 667 Labor Relations

ISE 439 (a) Engineering Economy (Grad)

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

ISE 526 Design and Analysis of Experiments

ISE 537 Electronics Manufacturing Processes

ISE 638 Reliability

ISE 734 Value and Decision Theory

Fall 2010

EM 660 Engineering Management Theory

EM 666 Engineering Project Management

ISE 439 (a) Engineering Economy (Grad)

ISE 439 (b) Probability & Engineering Statistics

ISE 530 Manufacturing Systems & Facilities Design

ISE 547 Introduction to Systems Simulation

ISE 626 Introduction to Operations Research

ISE 627 Engineering Systems

ISE 641 Advanced Quality Control

ISE 670 Integrated Product & Process Design

ISE 690 Statistical Methods for Engineers

ISE 741 Quality Engineering

Important DL Student Information

Registration Procedures

- Complete registration form IN FULL each semester!
- 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.
- If your company covers tuition, all information concerning billing must be included with registration.
- Student is responsible for obtaining required textbooks.

Email Accounts & Student Numbers

- If you do not know your assigned UAH email address, call Charger Central at (256) 824-7777.
- To obtain your UAH-assigned student "A number", call Ms. Dottie Luke at (256) 824-6976.

Tuition Payments

UAHuntsville no longer mails paper bills or final grades. Students may check bill statements and grades, as well as transcripts, by using UAH Student Banner system. To do so:

- Go to http://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 your pin to a 6 digit number for security reason. You may then pay for your tuition online.

Parking Decals

Local DL students must go to the Intermodal Facility to obtain parking decals. On-campus students receive decals automatically via mail. All vehicles parking on campus at UAH must display a decal. More information is available here:

http://police.uah.edu/parking.php#vehicle



PLEASE NOTE:

Distance Learning students must register and drop/add courses through the Distance Learning Administrative Office. Technology Hall, N138 (256) 824-6976

Distance Learning Procedures

- The DL lecture capture is typically posted 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 via Angel, or via FedEx shipment.
- Exams are proctored from the DL office for local students. These should be scheduled through Ms. 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 a designated proctor. Students are responsible for identifying the proper proctor at their location and submitting the proctor's name and contact information to Ms. Dottie Luke. She may be reached at (256) 824-6976, and at luke@eng.uah.edu.

ANGEL Help

Many of our DL faculty supplement their online lectures through the UA Huntsville Angel Course Management System. If you need technical assistance with the ANGEL Course Management System, contact the Technical Assistance Group (TAG) at (256) 824-3333, or email them at:

tag@uah.edu

Distance Learning Student News

We would like to congratulate the following DL students for their recent accomplishments.

THE FOLLOWING STUDENTS HAVE MET THE REQUIREMENTS FOR THE PHD:

James O. Johnson of Tullahoma, TN. Dissertation Title: "The Empirical Relationship between the Level of Job Satisfaction and the Quality of Leader-Member Exchange in Engineers and Scientists at a Government Aerospace Facility."

Everett Roper of Huntsville. Dissertation Title: The Relationship between Organizational Culture, Management Leadership Style and Organizational Commitment and Their Impact on Organizational Outcomes in a High-Technology Organization.

THE FOLLOWING STUDENTS HAVE PASSED THEIR PH.D. COMPREHENSIVE EXAMS:

Thomas Nance of Aiken, SC. Heather Shar of Huntsville, AL. Sushil Shetty of Huntsville, AL. Craig Whittinghill of Bristow, VA.

Are you a UAH Distance Learning student or graduate with news to share? We would love to hear from you. Please submit information to us here to possibly be featured in an upcoming DL Newsletter, or on our DL News Website:

DL Student News Request

See our new DL News Website by clicking on the screenshot of our new page on the right —>

THE FOLLOWING STUDENTS HAVE MET THE REQUIREMENTS FOR THE MSE:

Christopher "Drew" Cromer of Hanahan, SC. Capstone Title: "Implementation of Integrated Product Teams at a Government Organization."

Joshua Meeks of Tracy City, TN. Capstone Title: "Using Performance Evaluation to Increase Job Satisfaction and Employee Retention."

J. Devon Parker of Normandy, TN. Capstone Title: "Utilizing TQM Principles to Build a Safety Culture."

THE FOLLOWING STUDENT HAS MET THE REQUIREMENTS FOR THE MSOR:

Miguel A. Barrios of Windermere, FL. Thesis Title: "The Value of Speed in Heavy Lift Rotary Wing Survivability."

DL News

Important updates about the Distance Learning Program will be posted here throughout each term, so check back frequently for updates!

- Distance Learning at UAH celebrates the National Distance Learning Week during the week of November 9th through November 13th. This important recognition was formally recognized by the United States Distance Learning Association, and is in its 3'd year this year. During this week, unique opportunities for faculty, students, and administration will be made a valiable for learning more about distance learning and educational technology implementations in K-12, Higher Education, Corporate, and Military branches. Please see http://www.ndlw.org for more information on upcoming online events and information sheets on this important week-long event.
- We are pleased to announce a successful event in the 2009 Second Life College Fair. This
 recruitment activity was UAH CoE's first venture into the virtual world of SL, with plans for
 expanding opportunities in the near future. Additional events such as this, as well as teaching and
 learning possibilities for students and faculty to participate in this exciting new UAH enterprise will
 be posted as they become available. See the pictures and captions below for some screenshots of
 the CL world.



A Second Life conference facility-similiar to those planned for the UA Huntsville SL campus



The Second Life College Fair UA Huntsville Virtual Recruiting Booth, shown staffed here by Dr. Sherri Restauri Carson, DL Operations
Manager at IIA Humanilla

Please complete this form and fax it with all signatures included to: (256) 824-6608

Spring 2010 Course Registration Form Distance Learning Program



UAH Distance Learning N138 Technology Hall

Course No.* Title	Title		Credit Hours	Credit or Audit	For Office Use Only	
					Zone	Section #
*such as EM 660						
Please check preferred	I method of content de	livery: CD l	Delivery (Will a	also have internet/str	eamed conten	t access) OR
		Inter	net Delivery on	ly (must have high-	speed connect	ion; no CD's needed
Student's Advisor:						
Personal Information	n:					
Full Legal Name:						
	First	Middle		Last		
UAH-assigned "A-Nu	mber'':		_			
Home Phone: ()	Cell Phone: ()	Work Ph	none: ()
Check here if this is a	new address					
Home Address:			C'A-		Gt-t-	7:
Stre Employer:		ПАП	City	s:	State	Zip
			Eman Auures			
Work Address:Stre			City		State	Zip
Suc			City		State	2.ip
Proctor's Name:			Proctor's Ema	il:		
Proctor's Phone: (Proctor's Fax:	()		
Proctor's Address:						
	Street		City		State	Zip
Tuition due by no late	r than January 15, 20					
Please note: If you dro	-					u \$50 inte 100.
Purchase order #						
Billing Address:Stre						
					State	Zip
Validation			• • • • • • • • • • • • • • • • • • • •			•••••
I certify that the informutation I can UAH. I understa		-	nd complete, ar	nd falsifying any info	ormation may	result in dismissal
Student's Signature: _				Date:		
A designaria Cinanatana				Date:		

UAHuntsville Distance Learning Textbook Order Form

Please Fax to (256) 824-6754

http://www.uah.bncollege.com

Don't forget, you can always order textbooks online on our safe & secure site at http://www.uah.bncollege.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:

Shipping Information

UAH Bookstore will be happy to ship all books and supplies to you. Please contact them directly for further information on this process.

Return/ Exchanges

You must have your receipt to receive a refund or exchange. All books in plastic wrap must be unopened for R/E. Call (256) 824-6600 with additional bookstore questions, or visit: http://www.uah.bncollege.com

Contact Person: