UAHuntsville
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE
DISTANCE LEARNING

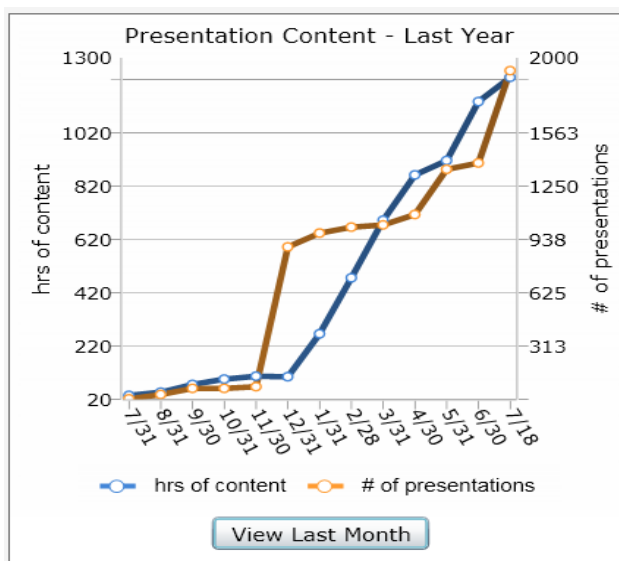**http://www.engdl.uah.edu**   Volume 22, No. 1

DL @ UAH-Where we were…
and where we are going

Yearly review for DL—at right, see the number of hrs of lecture content recorded as well as the number of total individual presentations captured by DL from July 2010 to July 2011

Keep reading for more on this feature!

Fall 2011
DL Newsletter

Fall 2011 DL Course Listing

College of Business

ACC 600 Foundations Acct Mgrs & Engineers
Mr. Hunter Hoskins: 256-824-5434
hunter.hoskins@uah.edu
DL ONLY—NO CAMPUS-BASED CLASS MEETINGS

BLS 511 Business Law for Accountants
Dr. Charles Hickman: 256-824-6598
Monday & Wednesday, 5:30-6:50 pm,
TH N140
charles.hickman@uah.edu

MSC 600 Operations Management
Monday, 5:30-8:20 pm, TH S105
Dr. John P. Ballenger: 256-824-6565
ballenj@uah.edu

College of Science

CS 551 Software Modeling
Tuesday & Thursday, 7:05-8:20 pm,
TH N324
Dr. Harry Delugach: 256-824-6614
delugach@cs.uah.edu

CS 617 Design and Analysis of Algorithms
Monday & Wednesday, 2:20-3:40 pm,
TH N153
Dr. Huaming Zhang: 256-824-5084
hzhang@cs.uah.edu

CS 650 The Software Engineering Process
Monday & Wednesday, 3:55-5:15 pm, TH N153
Dr. Leetha Etzkorn: 256-824-6291
letzkorn@uah.edu

College of Engineering

CPE 512 Introduction to Parallel Programming
Tuesday & Thursday, 12:45-2:05 pm, EB 122
Dr. Earl Wells: 256-824-6047
wells@eng.uah.edu

CPE 656 Software Engineering Studio I
Tuesday & Thursday, 11:10-12:30 pm, EB 122
Dr. Jeffery H. Kulick: 256-824-6049
kulick@ece.uah.edu

EE 629 Analytical and Computational Methods in Electrical Engineering I
Tuesday & Thursday, 5:30-6:50 pm, EB 122
Dr. Mark Tillman: 256-824-6316
mark.tillman111@gmail.com

EM 660 Engineering Management Theory
Tuesday, 3:55-6:50 pm, TH N155
Dr. Dawn Utley: 256-824-6075
utley@ise.uah.edu

EM 666 Engineering Project Management
Thursdays, 3:55-6:50 pm, TH N155
TBD: 256-824-6256

ISE 428 Systems Analysis and Design I
Tuesday & Thursday, 2:20-3:40 pm, EB 123
Dr. Phillip A. Farrington: 256-824-6568
paf@ise.uah.edu

ISE 439b Probability & Engineering Statistics I
Monday & Wednesday, 5:30 - 6:50 pm, TH N142
Dr. Julie L. Fortune: 256-824-6314
julie.fortune@uah.edu

ISE 530 Manufacturing Systems & Facilities Design
Tuesday & Thursday, 3:55-5:15 pm, TH N153
Dr. Sherri L. Messimer: 256-824-6211
messimer@ise.uah.edu

Fall 2011 DL Course Listing, Cont.

ISE/PY 502 Industrial and Org. Psychology
Monday & Wednesday, 3:55-5:15 pm, EB 122
Dr. Sandra L. Carpenter: 256-824-2319
carpens@email.uah.edu

ISE 547 Introduction to Systems Simulation
Tuesday & Thursday, 5:30-6:50 pm, TH N142
Dr. James Swain: 256-824-6749
james.swain@uah.edu

ISE 626 Introduction to Operations Research
Tuesday & Thursday, 5:30-6:50 pm, TH N152
Dr. Gillian Nicholls: 256-824-6237
gillian.nicholls@uah.edu

ISE 627 Engineering Systems
Monday & Wednesday, 5:30-6:50 pm, TH N155
Dr. Paul J. Componation: 256-824-6738
paul.componation@uah.edu

ISE 641 Advanced Quality Control
Wednesday, 5:30-8:20 pm, TH N153
Dr. Sampson E. Gholston: 256-824-7310
gholston@ise.uah.edu

ISE 670 Integration Product and Process Design
Monday, 5:30-8:20 pm, TH N153
Dr. Phillip A. Farrington: 256-824-6568
paf@ise.uah.edu

ISE 690 Statistical Methods for Engineers
Monday & Wednesday, 3:55-5:15 pm,
TH N142
Dr. Sampson E. Gholston: 256-824-7310
gholston@ise.uah.edu

MAE 530 Fundamentals of Aerodynamics
Tuesday & Thursday, 11:10 am-12:30 pm,
TH N155
Dr. Brian Landrum: 256-824-7207
landrum@mae.uah.edu

MAE 540 Rocket Propulsion I
Monday & Wednesday, 3:55-5:15 pm,
TH N155
Dr. Jeremy Corpening
jeremy.h.corpening@nasa.gov

MAE 541 Airbreathing Propulsion
Tuesday & Thursday, 9:35-10:55 am, TH N155
Dr. John Stutz
John.Stutz@mda.mil

MAE 623 Computational Fluid Dynamics I
Monday & Wednesday, 12:45-2:05 pm,
TH N155
Dr. Shankar Mahalingam: 256-824-6474
shankar.mahalingam@uah.edu

MAE 663 Astrodynamics
Tuesday, 5:30-8:20 pm, TH N153
Dr. Michael D. Griffin: 256-824-5677
Michael.Griffin@uah.edu

MAE 695 Missile Trajectory Analysis
Tuesday & Thursday, 3:55-5:15 pm, TH N142
Dr. Nathan J. Slegers: 256-824-6543
slegern@email.uah.edu

MAE 754/795 Hypersonic Flow
Tuesday & Thursday, 8:00-9:20 am, TH N155
Dr. Jason T. Cassibry: 256-824-5107
cassibj@email.uah.edu

MOD 501 Survey of Modeling and Simulation
Monday & Wednesday, 5:30-6:50 pm, EB 122
Dr. Mikel D. Petty: 256-824-4368
pettym@uah.edu
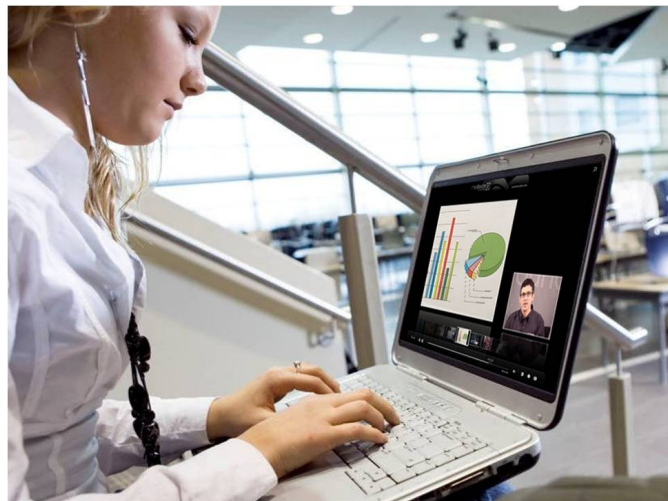
**WEBCASTING/LIVE STREAMING
OPTIONS FOR CLASSES NOW
AVAILABLE THROUGH
DISTANCE LEARNING**
http://www.engdl.uah.edu/dlsupport.php

DL Mediasite Updates—Mobile & Webcasting
WHERE WE ARE GOING IN DL

COMING SOON: MEDIASITE GOES MOBILE WITH VERSION 6

Coming Spring/Summer 2012, Distance Learning will be upgrading our software to the newest release from **Mediasite**, the lecture capture system used to record and make classes available on-demand or via webcasting. Mediasite 6 includes a large number of viewer enhancements, including the long-awaited jump across platforms to Mac's. Here are some updates you can expect to see in your access to lecture content:

• More portability with access on iPad, iPhone, Blackberry, and Android

• Keyword searching in slide text and presentation metadata (titles, descriptions, presenters, etc.)

• Support for HD resolution up to 720p

• And more...

Webcasting Options Now Available with Mediasite

Do you want to watch your class LIVE, while it is being filmed? Do you want to submit questions to the professor during the class? Then **webcasting** is for you.

Mediasite allows viewers to watch content on-demand (asynchronously) and also via **Webcasting** (which is also called live streaming). Webcasting events allow viewers to see and hear the presenter while the event is being recorded, along with seeing any content being presented (i.e., PowerPoint slides) as time-synched pictures alongside the presentation, just as though you were watching asynchronously. Webcasting events may be configured to allow viewers to also see and respond to live polls, submit questions via a Q & A tool, and also view linked documents that are being shown live in class along with the rest of the class.
Q & A functionality is typically managed by an on-site moderator during the event.

See the Live Stream Interaction Options handout for more information on these options. If you are interested in seeing your class live, contact your professor to request this option. (Please note that you may also view polls that have been completed, view linked documents, and submit questions when viewing videos on-demand/asynchronously, provided that these tools are enabled in your event). You may also find it useful to review our Mediasite Student Helpsheet if you need further assistance with accessing your course videos through Mediasite.

DL Registration & Course Procedures

Registration Procedures

- Complete DL registration form *in full* each term.

- Use your A# (UAH ID number), *not SSN*.

- Remember to use your UAH email address.

- Signatures at bottom of form are 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 to Bursar.

- Students are responsible for obtaining required textbooks; you may do so at the UAHuntsville bookstore at: http://www.uah.bncollege.com

- DL UAH students will receive a Welcome email from the Distance Learn-

Tuition

After registering through the DL administrative office, payment of tuition should be completed through the UAH Student Banner system, available at:

http://register.uah.edu

Tuition rates, including any applicable course fees, are available on our website: http://www.engdl.uah.edu/tuition.php

PLEASE NOTE:

DL students must register and drop/add courses through the Distance Learning Administrative Office

Distance Learning Procedures

- The **DL lecture capture** is typically posted within one hour after the scheduled class time. If there is a delay in posting, this is due to post-production needs for the class. *Allow 24 hours* M-F prior to notification of the DL office of no posting for your class.

- All videos captured by DL **will be offered via Internet access ONLY** through our Mediasite web server:

http://uahengdl.uah.edu/mediasite/Catalog

- **Assignments** should be submitted to your instructor via email, Angel, or other designated delivery method noted by faculty member. Graded assignments will be returned via Angel, email to DL student's UAH Google Apps email address, local student mailbox, or classbox (located in room TH N154). Please refer to your class syllabus for procedures for assignment submission and retrieval in each course.

- **Exams** are proctored from the DL office for local students by appointment only. These should be scheduled through Ms. Luke 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. Luke. She may be reached at (256) 824-6976, and at luke@eng.uah.edu . DL contacts and certifies proc-

DISTANCE LEARNING MISSION STATEMENT

Our mission is to offer our students high quality distance learning courses and programs in engineering, computer science, business, and related academic fields via state-of-the-art technology.

We're going where you're going—where do YOU want to go with your education?

Please tell us how we are doing—complete the *DL Student Survey* at the link below:

http://survey.constantcontact.com/survey/a07e34ilka2ggctjtpq/start

DL FACULTY/PROGRAM SPOTLIGHT

Dr. Sandra Carpenter and Dr. Marita O'Brien from the Psychology Department at UAHuntsville Offer 2 Classes for New M.A. Specialization in Industrial/ Organization Psychology

This issue we are highlighting the new I/O concentration offered through the Psychology Department at UAH. Both courses offered through DL are described below, and are cross-listed with the ISE department's course offerings. Both classes are designed to allow DL students to fully participate throughout the class with a number of interactive assignments aimed at real-world applications. See more detailed information on each class below, and register early as spots may fill quickly.

PY 503/ISE 503: Human Factors Psychology—Dr. O'Brien

What: Offered Spring 2012. This course is designed to introduce students to the field of Human Factors. The science of Human Factors is the application of basic psychological knowledge towards making products and systems safer and easier to use. Students will also gain an understanding of *what can happen when human capabilities and limitations are not considered in the design of things that people use, especially when serious accidents result* from improper design of processes and products.

How: All students have to deliver a team presentation based on group analysis and redesign of a chosen user interface. This project allows students to develop their experience collaborating with engineers and psychologists of different backgrounds by practicing the techniques taught in class. DL students have developed their presentation and technical report through conference calls, chat sessions, and Google groups, allowing students to also hone their skills in managing projects remotely.

In relation to teaching this particular class through DL, Dr. O'Brien notes, "I have enjoyed teaching this class to working students, especially those learning via distance, to share knowledge about the application of human factors in a variety of domains. In the two years I have taught this class, I have seen how fighter planes, Navy divers, and touch screens are created to fit the target users' capabilities and limitations. This access would not be possible except through DL where my lessons can be followed by students in their work environments".

PY/ISE 520: Industrial and Organizational Psychology—Dr. Carpenter

What: Offered Fall 2011. This course is an advanced study in the application of basic principles of learning, motivation, and perception to typical industrial and organizational problems. The primary goal of the course is impart to students a scientifically informed method for studying, measuring, and intervening into the growth and development of human organizations. *Practical information from this course can be applied directly in the workplace, such as training, job analysis, and employee selection and evaluation.*

Planning Your Academic Future with DL at UAH… CHARGE ON!

UAHuntsville was ranked 22nd in the nation by USA Today/Princeton Review in terms of "best value."

UAH Academic Calendar—Fall 2011

August 17	**Fall 2011 classes begin; all fees due**
August 23	LAST day for DL registration FALL 2011
August 30	Last day to withdraw with refund
September 1	Application to graduate DUE BY TODAY
September 5	Labor Day Holiday—UAH closed
September 14	Last day to change from credit to audit
October 1	Application deadline for BS Degree for Spring Candidates
October 5	**Midterm**
October 6-8	Fall Break—UAH closed
October 28	Last day to withdraw (no refund)
November 8	Registration for Spring 2012 begins
November 28	Last MWF classes
November 29	Last TR classes
December 1-7	**Final Examinations**
December 9-10	Fall Commencement
January 9, 2012	*Spring 2012 term begins*

- **UAHuntsville** has been named as one of "America's 100 Best College Buys" for *13 consecutive years*.
- **UAHuntsville**'s Propulsion Research Center was named one of the top three "awesome" laboratories in the nation by *Popular Science* and is one of the few universities that launch their own rockets.
- **UAHuntsville** was among 17 research organizations and universities in the nation invited to join the National Systems Engineering Research Center, an organization created by the Department of Defense and the National Security Agency.
- And for many more reasons! See the **UAH Facts** webpage to learn more reasons why UAHuntsville is the right choice for your education:
  http://www.uah.edu/landing/prospective/facts.php

Tentative Future DL Courses

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

Spring 2012

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

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 726 Systems Modeling

ISE 790 Advanced Statistical Applications

ISE 741 Quality Engineering

Summer 2012

EM 661 Strategic Eng. Mgmt

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

EM 760 Eng. Mgmt Struct.

EM 766 Man. Change High Tech. Org.

UAHuntsville Bookstore Information

ALL TEXTBOOKS for DL as well as traditional courses offered at UAHuntsville may be ordered through our UAH Bookstore:

http://www.uah.bncollege.com

Please consult with your individual faculty member with questions regarding textbook purchases for your DL courses.

Distance Learning Full Program Offerings

Did you know that you can earn an entire degree through DL with UAHuntsville? Below is a listing of the degrees available, with more under development:

Aerospace Systems Engineering (formerly called Rotocraft Systems) - MSASE

Engineering Management - MSE or Ph.D.

Industrial Engineering - MSE or Ph.D.

Missile Systems - MSE

Modeling & Simulation - MSE

Operations Research - MSOR

Software Engineering - MSSE

Systems Engineering - MSE or Ph.D.

See our DL Program & Courses webpage for additional information:

http://www.uah.edu/engineering/engdl/courses.php

Thank you very much for all of your suggestions on new courses, programs, and technologies you would like to see used in DL. This is WHERE WE ARE GOING. Please continue to provide us with this feedback. You may do so by submitting a DL Course/Program Request.

Distance Learning
Contact Information

Please contact our **DL Student Helpline** if you need any assistance with viewing your distance learning video lectures. We are available via telephone on weekdays, 8:30 a.m.-5:30 p.m.

Distance Learning Student Helpline
(256) 824-6563
DLHelp@eng.uah.edu

Call or email the DL Student HelpLine with Mediasite, technical, and account related questions regarding DL at UAHuntsville.

DISTANCE LEARNING PERSONNEL

Dr. Sherri Restauri Carson
Distance Learning Administrator
Technology Hall N147
sherri.restauri@uah.edu
(256) 824-7391

Mr. Harley Hollingsworth
Technology Hall N157
hollingh@ise.uah.edu
(256) 824-7480

Ms. Dottie Luke
Distance Learning Administrative Assistant
Technology Hall N138
luke@ise.uah.edu
(256) 824-6976
(256) 824-6608 (FAX)

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

Please complete this form and fax/email it with all signatures included to:
(256) 824-6608 or
luke@eng.uah.edu
UAH Distance Learning

Fall 2011
Course Registration Form
Distance Learning Program

UAHuntsville
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE
DISTANCE LEARNING

*Course No.**	*Title*	*Credit Hours*	*Credit or Audit*	*Section*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

*Eg: EM 660

- **All videos captured for DL classes will be offered via the Internet through our Mediasite web server:**
  http://uahengdl.uah.edu/mediasite/Catalog

- **Please refer to the DL Student Support webpage for additional instructions on accessing your course lectures:**
  http://www.engdl.uah.edu/dlsupport.php

Student Information:

Full Legal Name: _____
First   Middle   Last

UAH-assigned "A Number": _____   Student's Advisor: _____

Home Phone: (_____)_____   Cell Phone: (_____)_____   Work Phone: (_____)_____

Check here if this is a new address _____

Home Address: _____
Street   City   State   Zip

Employer: _____   **UAH Email Address**: _____

Work Address: _____
Street   City   State   Zip

Local & remote DL students must select a proctor for secure administration of examinations. Please list this information below, or note the option that you will supply at a later time.

Proctor's Name: _____   Proctor's Email: _____

Proctor's Phone: (_____)_____-_____   Proctor's Fax: (_____)_____-_____

Proctor's Address: _____
Street   City   State   Zip

_____ Will supply proctor information by no later than August 17, 2011.

Tuition due by no later than **August 17, 2011 for FALL 2011 DL COURSES.** Late payment will result in a $50.00 late fee.

Please note: To drop or withdraw from a DL course, <u>you must do so through the DL Administrative Office</u>.

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

Student's Signature: _____   Date: _____

Advisor's Signature: _____   Date: _____

9

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: _____

Contact Person: _____

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