

Fall 2012 DL Newsletter

<http://www.engdl.uah.edu>

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This fall, we are offering a NEW cross-discipline distance learning class: *MAE/CE 772, Theory of Structural Stability*, offered by Dr. Ken Zuo, Associate Professor for the Mechanical and Aerospace department at UAH.

You should consider this course if you are a graduate student of MAE or CE interested in one (or more) of the following:

- ⇒ Nonlinear response of flexible structures (ranging from rocket motor cases to suspension bridges) in which deformation can be very large
- ⇒ Flutter instability of structures (e.g., composite wings) under nonconservative loading (engine thrust) and galloping of transmission lines
- ⇒ Understanding why small initial imperfections can be tolerated in some structures but are detrimental in others
- ⇒ Understanding how can a solidly-built structure (the Tacoma Narrows bridge) be destroyed by a rather mild wind
- ⇒ Applying theories and methods you have learned in Continuum Mechanics (and other graduate classes in solids/fluids) to the analysis of structures

In-state and out-of-state DL students are encouraged to apply early due to limited enrollment spots. For more information on this class, please contact Dr. Zuo at zuo@eng.uah.edu.



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?

Fall 2012 DL Course Listing

**Welcome to
Distance Learning
at UAHuntsville for the
Fall 2012 semester**

Below is a list of the courses scheduled to be offered via DL in the Fall 2012 semester. For updated information on the schedule, UAH students are encouraged to check out the Student Access link to the schedule, available at:

Fall 2012 Online Schedule

If you have a request for a course/program that is not currently offered via DL, please [email us](#) with that request.

College of Business

ACC 600 Foundations of Acct for Managers & Engineers
Dr. Hunter Hoskins:
256-824-5434
hunter.hoskins@uah.edu
(This class has no on-campus meetings, will be a replay)

BLS 511 Business Law for Accountants
Monday & Wednesday 5:30-6:50 pm,
BAB 229
Dr. Charles Hickman:
256-824-6598
charles.hickman@uah.edu

MSC 600 Operations Management
Monday 5:30-8:20 pm,
BAB 220
Dr. John P. Ballenger:
256-824-6565
ballenj@uah.edu

College of Engineering

CPE 512 Introduction to Parallel Programming
Tuesday & Thursday 12:45-2:05 pm,
EB 122
Dr. Seong-Moo Yoo:
256-824-6858
yoos@ece.uah.edu

CPE 656 Software Engineering Studio I
Monday & Wednesday 2:20-3:40 pm,
EB 122
Dr. David J. Coe:
256-824-3583
david.coe@uah.edu

CPE 531 Introduction to Computer Architecture
Monday & Wednesday 2:20-3:40 pm,
TH N155
Dr. Rhonda Kay Gaede:
256-824-6573
Gaede@ece.uah.edu

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

EM 664 Teams in Action
Monday & Wednesday 3:55-5:15 pm,
TBA
Dr. Dawn Utley:
256-824-6075
utley@ise.uah.edu

EM 766 Managing Change in High Tech Organizations
Thursday 3:55-6:50 pm,
TH N155
Stephanie E. Brown:
Stephanie.e.brown1@us.army.mil

ISE 439 Probability & Engineering Statistics I
Monday & Wednesday 5:30-6:50 pm,
TH N140
Dr. Julie Fortune:
256-824-6314
julie.fortune@uah.edu

ISE/PY 502 Industrial & Organizational Psychology
Monday & Wednesday 3:55-5:15 pm,
TH N142
Dr. Sandra Carpenter:
256-824-2319
carpens@email.uah.edu

ISE 530 Manufacturing Systems & Facilities Design
Tuesday & Thursday 11:10-12:30 pm,
TH N153
Dr. Sherri Messimer:
256-824-6211
sherri.messimer@uah.edu

ISE 547 Introduction to Systems Simulation
Tuesday & Thursday 3:55-5:15 pm,
TH N142
Dr. James Swain:
256-824-6749
james.swain@uah.edu

ISE 626 Intro Operations Research

Tuesday & Thursday 5:30-6:50 pm,
TH N153

Dr. Gillian M. Nicholls:
256-824-6237

Gillian.nicholls@uah.edu

ISE 627 Engineering Systems

Monday & Wednesday 5:30-6:50 pm,
TH N155

Dr. Kenneth Sullivan:
256-824-2676

sullivk@uah.edu

ISE 641 Advanced Quality Control

Wednesday 5:30-8:20 pm,
TH N153

Dr. Sampson Gholston:
256-824-7310

gholston@ise.uah.edu

ISE 670 Integrated Product & 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 N155

Dr. Sampson Gholston:
256-824-7310

gholston@ise.uah.edu

MAE 530 Fundamentals of Aerodynamics

Monday & Wednesday 5:30-6:50 pm,
TH N324

Dr. Essam F. Sheta:
256-824-6154

Essam.Sheta@uah.edu

MAE 540 Rocket Propulsion I

Monday & Wednesday 3:55-5:15 pm,
TH N153

Dr. Robert Frederick:
256-824-7200

robert.frederick@uah.edu

MAE 541 Airbreathing Propulsion

Tuesday & Thursday 9:35-10:55 am,
TH N155

Dr. Jason Cassibry:
256-824-5107

Jason.Cassibry@uah.edu

MAE 580 Aircraft Stability & Control

Tuesday & Thursday 5:30-6:50 pm,
TH N140

Dr. Thomas J. Kelly:
256-824-6154

Thomas.Kelly@uah.edu

MAE 695-01 Intro Unmanned Aerial Systems

Tuesday & Thursday 11:10-12:30 pm,
TH N155

Dr. Brian Landrum:
256-824-7207

david.landrum@uah.edu

MAE 754 Hypersonic Flow

Tuesday & Thursday 8:00-9:20 am,
TH N155

Dr. Jason Cassibry:
256-824-5107

Jason.Cassibry@uah.edu

MAE 772 Theory of Structural Stability

Monday & Wednesday 5:30-6:50 pm,
TH N152

Dr. Qiu Hai K. Zuo:
256-824-6893

QiuHai.Zuo@uah.edu

EE 629 Analysis & Computational Methods In Electrical Engineering I

Tuesday & Thursday 3:55-5:15 pm
TH S105

Dr. Tim Boykin:
256-824-6269

boykin@ece.uah.edu

EE 648 Digital Signal Processing

Tuesday & Thursday 5:30-6:50 pm,
EB 122

Dr. Reza Adhami:
256-824-7378

adhami@ece.uah.edu

College of Science*CS 581 Modeling & Simulation I*

Tuesday & Thursday 12:45-2:05 pm,
TH N324

Dr. Mikel Petty:
256-824-4368

mpetty@cs.uah.edu

CS 617 Design & Analysis of Algorithms

Monday & Wednesday, 2:20-3:40 pm,
TH N324

Dr. Huaming Zhang:
256-824-5084

h Zhang@cs.uah.edu

CS 650 Software Engineering Processes

Monday & Wednesday, 3:55-5:15 pm,
TH N324

Dr. Harry Delugach:
256-824-6614

delugach@cs.uah.edu

MOD 501 Intro to Modeling and Simulation

Tuesday & Thursday, 2:20-3:40 pm,
TH N155

Dr. Mikel Petty:
256-824-4368

mpetty@cs.uah.edu

DL 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>

DL Registration & Course Procedures

Distance Learning Procedures

- The **DL lecture capture (video) of your class** 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. Should you experience problems with accessing your video, please contact our **DL Student Helpdesk** at DLHelp@eng.uah.edu or 256-824-6563. Leave us your name, course ID, and specific session number/date.

- All videos captured by DL **are offered via the Internet** through our Mediasite web server:



Assignments & Examinations

- 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 at the DL office for local students by appointment only. These should be scheduled in advance 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 or at luke@eng.uah.edu. DL contacts and certifies proctors. Exams are sent to proctors with instructions for administration.



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 should receive a **Welcome email** from the Distance Learning Office at the beginning of each semester. If you do not receive an email from us, please contact us (DLHelp@eng.uah.edu) so that we may assist you in starting off successfully in your DL course.

DL Program Spotlight: A Student's Perspective

According to a report entitled "Going the Distance – Online Education in the United States, 2011" published by the College Board and the Babson Survey Research Group, over 6 million students are currently taking at least one class online. This number indicates that almost one-third of higher-education students in the U.S. are now taking at least one course over the internet, over 560,000 more than in 2010.

Upgrades to THN 102



In Spring 2012, DL at UAHuntsville upgraded room TH N102 for use in videoconferencing, lecture capture, and general classroom teaching and presenting.

UAH offers a variety of videoconferencing classes, often with other UA system campuses. With the new upgrades, TH N102 is now capable of more efficiently hosting videoconferences and has a look and feel to match modern technology-equipped rooms—making it one of the best equipped, hybrid rooms for teaching on the campus. In addition to videoconferencing functionality, this room utilizes Mediasite technology for lecture capture. In a plug-and-play environment. It is also

5 Ways to Stay Motivated as a DL Student

Many distance learners agree that the most difficult part of studying online is staying motivated. Because students must take the initiative to complete their courses completely on their own, without the physical presence of teachers and other peers, many students find it easy to become distracted and discouraged in their work. Use these five motivational tips to stay on task:

- 1. Connect with your classmates.** Sure, "virtual people" may be hard to connect with, but making an effort to actually get to know your classmates can be rewarding. If you find students from your area, consider a physical study group at a restraint or bookstore. If not, try to create an online support group of peers. They'll appreciate having someone to keep them on track in their work and you'll reap the benefits of being accountable as well.
- 2. Discuss what you learn.** Find a friend or relative who has similar interests or who would enjoy hearing about your studies and let them know what's going on in your classes. You'll understand the material better when you have a chance to explain it

out loud and will be motivated to stay on task in order to keep up with the conversation.

3. Chart your progress. Don't rely on campus counselors; design your own map of completed classes and post it somewhere that is visible daily. There's a certain satisfaction that comes with watching your goals be accomplished. When times get hard, you can always turn to your chart and see how far you've come.

4. Reward yourself. You get rewarded for good credit and safe driving, why shouldn't you reward yourself for doing well in your coursework. Whether it be a night on the town, a new dress, or even a new car, setting up a reward system just may be the extra push you need to succeed. If you stick by your system, you may find yourself pleasantly surprised.

5. Take time for fun. If you're spending all your time working, studying, and watching after the kids, you'll likely suffer in all areas. Everyone needs some down time to re-group. So, set aside a little time every week for a favorite activity. You'll be more productive

now equipped with front dual LED displays and both front- and rear projectors with source selection, allowing any source to be routed onto any in-room display. The room is fully HD capable with IP/ISDN connections. The room also features an interactive SMART Board and Sypodium for live ink annotations. The equipment is centrally managed through a wireless Crestron control touch panel. This room also features push-to-talk microphones for optimal student-instructor and student-student interactions during videoconferences. The room capacity is 32 people.



Viewing Statistics for DL Lecture Capture

From February 2011 to February 2012, DL at UAH has recorded 1,911 presentations with a total of 20,861 views. The average number of users logged on at one time is approximately 38. Server activity in the last year peaked in November 2011 at around 4,000 views.

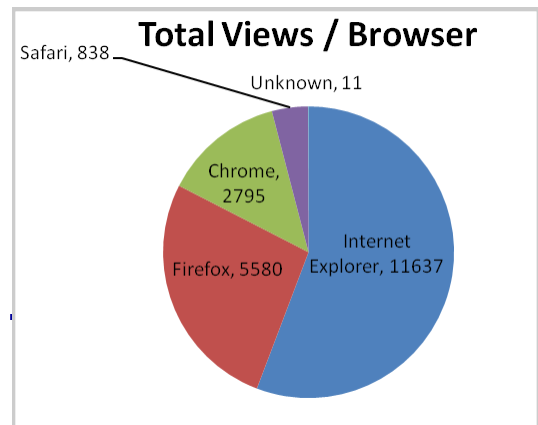
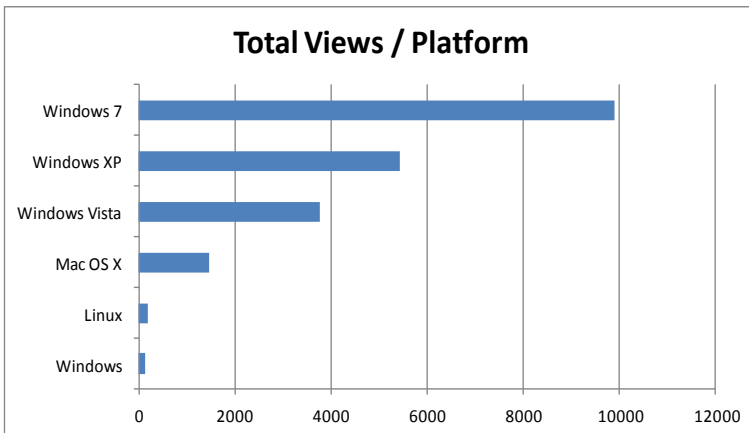
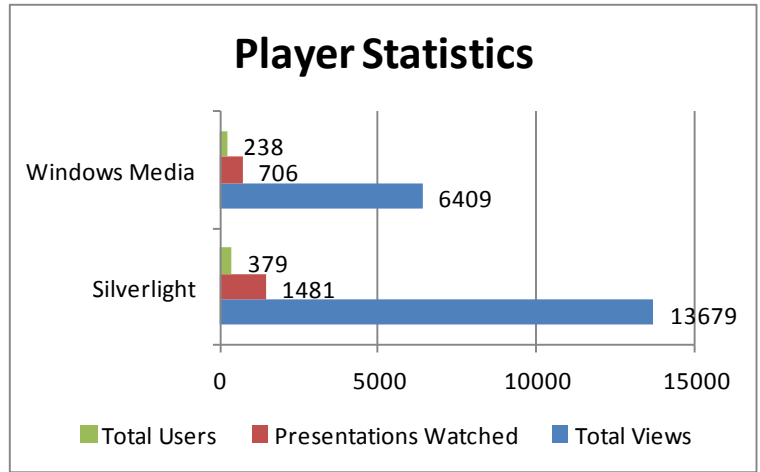
We have tracked total views and presentations watched by users with varying platforms, browsers, and players.

The top platform used by DL students in the last year was Windows 7, followed by Windows XP.

In Spring 2011, DL created the option for students to view lectures on either the Windows Media player or the new Silverlight player. Use of the Silverlight player has grown considerably in the last year, and it accounts

for approximately 66% of the total viewings in the last year.

The top browser used by DL students in the last year was Internet Explorer. Internet Explorer accounts for 56% of viewings in the last year.



Technical Specifications for Using Mediasite

- Microsoft® Windows XP, Windows Server 2003, Windows Server 2008 (requires the Desktop Experience), Windows Vista®, or Windows 7
- Microsoft Internet Explorer® 6.0 SP1 or later, Firefox® 2.0 or later, or Google Chrome 1.0 or later.
- Windows Media® Player 9.0 or later (Classic Players only).
- Microsoft Silverlight® 3.0 or later (Silverlight-based Players only).
- Broadband Internet connection (256 Kbps and above).

Verify your Mac meets these playback requirements:

- Apple® Mac® OS X 10.4.8 or later.
- Apple Safari™ 2.0.4 or later or Firefox 2.0 or later.
- Microsoft Silverlight 3.0 or later (Silverlight-based Players only, Intel based Mac required).
- Microsoft Silverlight 1.0 or later (Classic Players).
- Broadband Internet connection (256 Kbps and above).

*If your video is not detected on your Mac, you will be automatically prompted to install Silverlight when viewing a presentation. Silverlight only needs to be installed once and will then be available for watching any future Mediasite presentations. Note that playback speed control is not available with the Mediasite Player on Macs.

Distance Learning 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:

Engineering Management - [MSE](#) or [Ph.D.](#)

Industrial Engineering - [MSE](#) or [Ph.D.](#)

Missile Systems - [MSE](#)

Modeling & Simulation - [MSE](#) or [Ph.D.](#)

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>

Distance Learning Contact Information

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

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

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



Thank you very much for all of your suggestions on new courses, programs, and technologies you would like to see used in DL.

Please continue to provide us with this feedback. You may do so by submitting a [DL Course/Program Request](#).

DISTANCE LEARNING PERSONNEL

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

Mr. Harley Hollingsworth
Telecommunication Specialist
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.

Sonic Foundry Enhances Webcasting and Video Distribution with Mediasite 6.1 and Mediasite Desktop Recorder

New features mark a more holistic approach to user-generated content with recording at the desktop, approval workflows, search-based catalogs and unprecedented customization

Sonic Foundry, Inc., the trusted market leader for lecture capture, enterprise and event webcasting, recently unveiled several significant new **Mediasite** features at UNLEASH 2012, its sixth annual Mediasite User Conference.

The new functionality marks the most holistic and enterprise approach to creating, managing and distributing video-based instruction and user-generated content (UGC).

This evolution of the Mediasite EX webcasting and video content management system (VCMS) provides unprecedented control and flexibility for universities and enterprises with multiple content producers, featuring web-based tools and collaboration workflows to manage their growing online knowledge libraries.

Now from the convenience of their desktop or laptop, Mediasite users can also record rich media presentations, learning object or training modules that synchronize video with their visual aids and automatically upload to the powerful Mediasite EX platform.

- Web-based Mediasite Desktop Recorder for user-generated content creation
- Collaboration workflows to review-edit-approve multimedia presentations before distributing
- Catalog creation based on search terms, enhanced mobile catalog navigation and analytics for individual catalog owners
- Mediasite Player customization, including the ability to change video, slide and thumbnails sizes
- Personalization of the Mediasite Management Portal
- Content import and management for MP4s generated by NCast™ and Camtasia Relay®, in addition to current H.264 and Windows Media Video import capabilities
- Web-based Mediasite Editor, automatic software updates and data collection for Mediasite Recorders, plus dozens of workflow enhancements to the Mediasite Management Portal, Mediasite Analytics and Mediasite API

For the full length article, visit [Mediasite 6.1 Upgrade Information](#)

CHARACTERISTICS OF A SUCCESSFUL DISTANCE LEARNING STUDENT

Successful and happy distance learners have a few characteristics in common. Compare yourself to the following list to determine whether or not online classes are a good fit for your personality and habits.

1. Successful distance learners do just as well, if not better, without people looking over their shoulders.
2. Successful distance learners never (or at least rarely) procrastinate.
3. Successful distance learners have good reading comprehension skills.
4. Successful distance learners can resist constant distractions.
5. Successful distance learners feel alright about missing the social elements of traditional schools.

Please complete this form and email or FAX it with all signatures included to: luke@eng.uah.edu or (256) 824-6608
Please address to:
UAH Distance Learning,
N138 Technology Hall
Huntsville, AL 35899

Fall 2012
Course Registration Form
Distance Learning Program



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: (____) _____

Home Address: _____
Street City State Zip

Check here if this is a new address _____

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. _____ Will supply proctor information by no later than DATE.

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

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

Proctor's Address: _____
Street City State Zip

Tuition due by no later than August 22, 2012 for Fall 2012 DL COURSES. Late payment will result in a \$50.00 late fee.

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

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: _____

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>