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.
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 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. Qiuhai 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
hzhang@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

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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

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Fall 2012 DL Newsletter
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.

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.
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.

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 restaurant 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 group. So, set aside a little time every week for a favorite activity. You’ll be more productive.

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 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.

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**Technical Specifications for Using Mediasite**

- 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, Intel based Mac required).
- Microsoft Silverlight 1.0 or later (Classic Players).
- 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.

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