Embry-Riddle Experience

by David Thirtyacre, UAS Flight Ops Chair

The Embry-Riddle Experience was welcomed at airshows and events across the country. The kick-off event was at Sun-n-Fun in Lakeland Florida and drew large crowds daily for the on-board flight simulators and netted sUAS demonstration and training arena. Participants varied from five year old future aviators to pilots with 50 years of experience; all were interested in the UAS technology and operations. Several students from the Daytona Beach Campus UAS Club performed demonstrations daily including acrobatic maneuvers to the crowds delight.

Hyde Park Middle School in Las Vegas, NV held a day-long UAS competition where students presented their business plans, attended operator training, and competed in an obstacle course.
The ERAU Experience truck, located in the parking lot at Hyde Park Middle School, allowed students to “walk” through the Worldwide virtual crash lab, simulate flying various sUAS, and experience operating a Cessna 172 in the Red Bird Simulator along with watching video presentations of life in the ERAU flight schools. This event captured the essence of why this truck is on the road; to introduce future students to the world leader in aviation education.

Other stops for the Experience have been in Manassas VA, Salinas CA, Long Beach CA, Las Vegas, NV, Prescott, AZ and Latrobe PA.

Upcoming Events: Go visit!

**Battle Creek Airshow** - July 3 - 5, 2015
W. K. KELLOGG AIRPORT
BATTLE CREEK, MI

**AirVenture** - July 20 - 26, 2015
WITTMAN REGIONAL AIRPORT
OSHKOSH, WI

**SeaFair** – July 31—August 2, 2015
GENESSEE PARK/LAKE WASHINGTON
SEATTLE, WA

**AOPA Fly-In** - August 22, 2015
ANOKA COUNTY-BLAINE AIRPORT
MINNEAPOLIS, MN

**Reno Air Races** - September 16 - 20, 2015
RENO-STEAD AIRPORT
RENO, NV

**San Francisco Fleet Weeks** - October 9 - 11, 2015
MARINA GREEN
SAN FRANCISCO, CA

For more information see [http://erau.edu/follow/events/index.html](http://erau.edu/follow/events/index.html)
New Programs Launching Fall 2015

BSSM (Bachelor of Science in Safety Management)
Program Chair: Dr. Karim Hardy
Associate Program Chair: Jeff Jorgensen
http://catalog.erau.edu/worldwide/aeronautics/bachelors/safety-management/

BSUSA (Bachelor of Science in Unmanned Systems Applications)
Program Chair: Stefan Kleinke
http://catalog.erau.edu/worldwide/aeronautics/bachelors/unmanned-systems-applications/

MSHF (Master of Science in Human Factors)
Program Chair: Dr. Clint Balog
http://catalog.erau.edu/worldwide/aeronautics/masters/human-factors/

Additionally, Embry-Riddle Worldwide has expanded the accessibility for the ASEF (Associate of Science in Engineering Fundamentals)
Program Chair: Dr. Brian Sanders
http://catalog.erau.edu/worldwide/aeronautics/associate/engineering/
PACOM Contract Awarded to ERAU Worldwide

Embry-Riddle Worldwide will provide undergraduate and graduate degree programs to Army, Navy, Marine Corps and Air Force service members and civilians on U.S. military installations within the Pacific Command’s oversees locations.

Aeronautical Science Faculty will be needed on ground at Camp Humphries, South Korea & at Kadena Air Base, Okinawa, Japan.

See more at: http://news.erau.edu/top-news/embry-riddle-worldwide-awarded-contract-to-offer-military-education-in-south-korea-japan-

Registration for upcoming MOOC—Aircraft Accident Investigation Faculty Needed

In August, the COA is offering another new MOOC-The Aircraft Accident Investigation.

Faculty support is needed. Experts are needed in the following aircraft accident investigation topics:

Human Factors       Operations
Survival Factors     Systems
Structures

Please contact Dr. Katherine Moran if interested. morank@erau.edu We appreciate your interest and involvement.

Students will have the opportunity to practice data collection skills in Worldwide’s Virtual Crash Lab.

Registration begins July 20, 2015.

The Free Course begins August 17th and ends September 13th.
Honors & Awards

Congratulations to Scott Burgess on his promotion to Associate Professor.

Dr. Ian McAndrew, has been appointed to a three-year term as External Examiner at Scotland University, for the University of the Highlands and Islands in Scotland. In this role, Dr. McAndrew will review exam scripts and oversee exam grading.

Please congratulate Dr. Mark Scharf who has received his Doctorate in Business Administration from Northcentral University.

Congratulations to Dr. Dennis Vincenzi on his tenure approval.

Congratulations to Dr. Kenneth Witcher on his promotion to Associate Professor.

Senators

At this time we would like to congratulate Andy Anderson, Scott Burgess and Keith Wilson as our newly elected Faculty Senate Representatives for the College of Aeronautics Full Time Faculty. Rob Deters is our fourth Senator and will be serving as the Engineering Science representative.

Please join us in congratulating our newest Senators!

Dr. Kent (Andy) Anderson

Scott Burgess

John (Keith) Wilson

Dr. Robert Deters
COA is seeking qualified faculty to teach the following courses.
If you meet the FCCA criteria and are willing to teach in all modalities, or know of someone who is interested in teaching for us who meets the FCCA criteria, please direct them to wwaero@erau.edu. The FCCA criteria can be found under the Services tab within ERNIE.

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<th>Undergraduate Courses</th>
<th>Graduate Courses</th>
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<td>CESC 220 Digital Circuit Design</td>
<td>Must have Doctoral Degree</td>
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<tr>
<td>ENGR 115 Introduction to Computing for Engineers</td>
<td>ASCI 691 Graduate Capstone Course</td>
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<td>ENGR 120 Graphical Communications</td>
<td>RSCH 665 Statistical Analysis – peer reviewed publication required</td>
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<td>ESCI 201 Statics</td>
<td>RSCH 670 Research Methods – peer reviewed publication required</td>
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<td>ESCI 202 Solid Mechanics</td>
<td>SFTY 510 Industrial Hygiene &amp; Toxicology</td>
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<td>ESCI 204 Dynamics</td>
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<td>ESCI 206 Fluid Mechanics</td>
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<td>ETEC 310 Engineering Materials</td>
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<td>ETEC 315 Circuit Analysis</td>
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<td>ETEC 410 Thermodynamics</td>
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<td>ETEC 420 Applications of Engineering Technology</td>
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<td>SCTY 310 Introduction to Security</td>
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<td>TRAN 361 Marine Transportation</td>
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<td>TRAN 401 Transportation and the Environment</td>
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Coming in October 2015
Aeronautical Science Faculty will be needed on ground at Camp Humphries, South Korea & at Kadena Air Base, Okinawa, Japan.
This request is only for instructors who currently live near, or are relocating to either of these two military bases.
Contact Stephanie Davis
wwAdjFac@erau.edu
Notify Campus Staff in the Event of a Delay or Cancellation in a Scheduled EV Class

It has recently become policy that Campus Directors or delegated as CD/ACD must remain at the campus for the first 30 minutes of each EV-Classroom course offered at their respective campus to ensure there are no equipment or otherwise technical issues.

There have been instances where some classes were cancelled or started late and the campus staff was not informed. When EVC faculty members delay or cancel classes, they email the students but not the host/remote campus/staff. Some students do not read their emails and show up for class anyway. Often, the Campus Director is unaware of the situation and does not know what to tell them. This is why it is important that the affected campuses’ staff be kept in the loop on delayed classes and cancellations.

If an EV Classroom instructor should have delays or cancellations of the course, s/he should be required to notify all campus locations where the course is scheduled to be taught. This will ensure that a staff member/campus location is notified of what is going on so that person can inform students. Now that being present for the first 30 minutes is mandatory for campus staff, we also want to ensure that no one is waiting around unnecessarily.

Reminder to all faculty (adjunct and full time) to please notify campus staff (Host and all Remote locations) in the event of a delay or cancellation in a scheduled EV class.

International Journal of Aviation, Aeronautics, and Aerospace

http://commons.erau.edu/ijaaa/
**Embry-Riddle Selected as Part of FAA’S Center of Excellence in Unmanned Aircraft Systems -**

Embry-Riddle Aeronautical University and the ASSURE Coalition have been selected by the Federal Aviation Administration (FAA) as the nation's new Center of Excellence in Unmanned Aircraft Systems (UAS).

As a co-founder of ASSURE (Alliance for System Safety of UAS through Research Excellence), Embry-Riddle will be the technical lead in UAS airport ground operations, UAS pilot and crew training and co-lead in command and communication. Embry-Riddle will provide research support in the areas of detect-and-avoid, human factors, air traffic control interoperability and management, low-altitude operations, wake separation and noise reduction.


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**Faculty Tips**

**Save the Date**

Rothwell CTLE - Center for Teaching and Learning Excellence (Worldwide Campus) invites you to discuss teaching topics of interest, faculty mentorship ideas, FACD registration and enrollment information, needed resources, address concerns, and take suggestions for center improvement from the field.

Please join your teaching and learning center for their very first Virtual Town Hall Meeting. This session is planned for Tuesday, September 1st at 6 p.m. EST and again Thursday, September 3rd at 11 a.m. EST. They will use both Eagle-Vision and Teleconferencing options. Login details below.

Whether your 2015-2016 academic year goals include professional development, dissemination of research findings, or discussions about teaching and learning at ERAU-Worldwide Campus, they would like to hear from you.

Until the main event, please auto-enroll in their updated Rothwell CTLE Resources Course Site, which provides a wealth of information for faculty professional development and scholarly advancement.

This site provides:

- FACD Information and Resources
- Teaching and Learning Tools
- Conferences/Symposiums and Scholarship Information
- Workshops and Training Materials

While visiting the site, please feel free to help them create the agenda for this Town Hall meeting by posting your questions/topics to the Faculty Lounge discussion area within Canvas.
Calendar Events

Independence Day Holiday for those on summer schedule
July 2nd

UAS Marketing Truck — ERAU Experience
at Battle Creek Airshow,
Battle Creek, MI
July 3rd - 5th

UAS Marketing Truck — ERAU Experience
at Air Venture- Wittman Regional Airport
OSH KOSH, WI
July 20th - 26th

Registration for Upcoming MOOC
Aircraft Accident Investigation
July 20th

UAS Marketing Truck — ERAU Experience
at Genesee Park/Lake Washington
Seattle, WA
July 31st—August 2nd

Aircraft Accident Investigation MOOC
August 17th — Sept. 13th

UAS Marketing Truck — ERAU Experience
at AOPA Fly-In, Anoka County-Blaine Airport
Minneapolis, MN
Aug. 22nd

Graduation—Hawaii
Pacific Aviation Museum
September 5th

Labor Day Holiday
September 7th

Graduation Seattle
Museum of Flight—Seattle, WA
September 12th

UAS Marketing Truck — ERAU Experience
Reno-Stead Airport
Reno, NV
September 16th—20th
Send us your photos, stories, events, so we can feature your successes in the next COA newsletter. We welcome any comments, corrections or suggestions. Please send them to stenbers@erau.edu

Canvas Training—Faculty sign up
http://www.trumba.com/calendars/canvas-training-for-worldwide-faculty