

EMBRY-RIDDLE

Aeronautical University

FRESHMAN ENGINEERING DEPARTMENT

600 S. CLYDE MORRIS BLVD.
DAYTONA BEACH, FL 32114-3900

Job Position Title: Post-doctoral Associate

Organization Name: Embry-Riddle Aeronautical University, Daytona Beach; Freshman Engineering

Division: Daytona Beach, FL

Detailed Description:

The Freshman Engineering Department in the College of Engineering has a position available for a Postdoctoral Associate starting January 6, 2014 for two year duration.

Description of General Responsibilities: The candidate is expected to work independently on a research project studying the current usage of evidence-based instructional practices and the balance between restricting and driving influences for their implementation. The candidate will conduct interviews with faculty, observe teaching practices, and develop a survey to profile pedagogical practices used at ERAU. The candidate will be expected to analyze the data using a variety of qualitative and quantitative methods that include open and a priori coding of qualitative data and statistical analyses. The candidate is expected to have strong written and oral communication skills and is expected to work with graduate and undergraduate students with respect to data collection and analyses. Opportunities for summer teaching responsibilities are available.

Job Requirements:

Ph.D. in engineering education or related field

Preferred Qualifications:

Preference will be given to those candidates who have prior experiences with engineering education research and knowledge of change theories and academic reform. Additional experience with mixed methods research that should include conducting interviews and observations, developing and implementing surveys, familiarity with a variety of qualitative and quantitative analysis techniques, and publishing high-quality papers in reputable journals or conferences should be described in application documents.

Start Date: January 6, 2014

To apply, please email the following items to pembridj@erau.edu by **October 15, 2013**. The file should be combined in one PDF file, named LastName_FirstName.pdf

1. Cover letter
1. CV
2. Statement of research experience and philosophy
3. Three references including names, addresses, telephone numbers and email addresses

Questions may be addressed to Dr. James J. Pembridge, College of Engineering, 386.226.7097, pembridj@erau.edu