

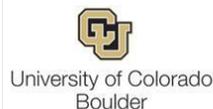


Center for Research and Education in Wind

Request for Proposal

Short Course Development for Wind Energy Professionals

**Due Date October 17,
2014**



Summary and Background

The Center for Research and Education in Wind (CREW) is currently accepting proposals to develop, design, and deliver a short-course for wind energy professionals. These educational courses are a new addition to CREW's previous industry-supported research. The development and delivery of educational courses is intended to strengthen ties between CREW and the wind industry across the United States.

CREW is a public-private partnership between industry and research institutions in Colorado. The research institutions include the University of Colorado, Colorado School of Mines, Colorado State University and the National Renewable Energy Laboratory. CREW's unique position and access to high quality instructors and researchers positions it well to be an educational provider for the wind industry.

The mission of the Center for Research and Education in Wind is to advance fundamental understanding and develop new technologies in areas that can improve the reliability and efficiency of wind power generation under a wide range of conditions. The ultimate goal of CREW is to enable widespread deployment of wind and to contribute to a reduction in the cost of wind energy through scientific, technological, regulatory, and political advances in the current state of the art in wind energy systems.

Purpose

Proposed courses are meant to provide relevant and quality education and professional development opportunities to current or future employees of the wind energy industry. The courses should be primarily structured as short courses, delivered in compact form within 2-5 days. Preference will be given to proposals which provide a plan for the use of the course material as part of a regular academic course; ideally this material can also be delivered on-line. To ensure the relevancy of the course to the wind industry, CREW encourages the course to be developed in conjunction with a partner from a federally funded organization or from industry. Funds will not be transferred to the partner: the partner must be willing to fund their own participation as part of their outreach and educational activities.

The purpose of this RFP is to solicit proposals from faculty at CREW institutions who have the experience and ability to develop a course directed at those working in the wind energy industry. The designed course must prove to be relevant and beneficial for professional development in the field. Preference will be given to proposals that address one of the following topics. Please note that topics are listed in no particular order.

- Climate modeling
- Distribution, transmission, and markets
- Forecasting
- Integrating wind energy into the power grid
- Interdisciplinary approach to integrating wind into energy systems
- Power markets and wind energy
- Resource assessment
- Other topics of interest to the wind industry- please email Dan Zimmerle at dan.zimmerle@colostate.edu to discuss the use of another topic

Proposal Guidelines

All proposals should be no longer than three pages and include the following:

- A. **Cover Page**—can be found at the end of the document
- B. **Course Description**—include the following:
 - Learning objectives
 - Topics covered
 - Materials required (text, software, etc...)
 - Format when delivered as short course (required)
 - Use of material as part of a regular semester long academic (optional)
 - Additional consideration when course is delivered online (optional)
 - Acknowledgement of collaboration with a national agency
 - Plan for delivery multiple times

- C. **Experience/Background**

The proposal should include a description of your experience developing and delivering courses as well as any qualifications related to wind energy and the topic of your course.

Submission of Proposal

Proposals must be submitted electronically through October 17, 2014. Proposals must be in PDF format and sent to Jennifer Jackson via email, jenn18@rams.colostate.edu.

Winners of the award will be notified by November 7, 2014. A timeline for funding and course delivery will be created collaboratively between CREW and winners of the award. However, preference will be given for courses that can be developed during spring 2015 and delivered in the summer and/or fall 2015.

Inquiries

All inquiries must be in writing and can be sent via email to Jennifer Jackson, jenn18@rams.colostate.edu.

Budget and Award

Costs to develop the proposal will not be reimbursed by CREW and are the responsibility of the preparer. No more than \$15,000 is expected per award. Please note that the award will not be split between the primary course developer and the employee from a national agency. Delivery of the course, facilities, and technology costs will be covered by the host institution, and the host institution will retain all tuition or fees from the delivery, as per the institution's standard policies.



CREW Proposal Cover Page

Please complete this document and attach to the front of your proposal.

Contact Information

Name:

Date:

Phone Number:

E-mail Address:

Affiliate Institution:

Department:

Course Information

Proposed Course Title:

Description of the target audience: (what types of positions do they hold in their companies? Why they would be interested in your course?)