



College of Agriculture and Life Sciences  
Department of Agricultural &  
Biosystems Engineering  
School of Plant Sciences



**Controlled Environment Agriculture Center**  
1951 East Roger Road  
Tucson, Arizona 85719-1178  
Ph: 520-626-9566 Fx: 520-626-1700  
email: [ceac@ag.arizona.edu](mailto:ceac@ag.arizona.edu)  
<http://ag.arizona.edu/ceac/>

## PRESS RELEASE FOR IMMEDIATE RELEASE

Date: October 21, 2013  
Contact: Aaron Tevik, Events Coordinator  
Phone; 520-626-9566  
email: [atevik@cals.arizona.edu](mailto:atevik@cals.arizona.edu)

### **“Controlled Environment Agriculture (CEA) for Food Production and Environmental Stewardship”**

*The University of Arizona Controlled Environment Agriculture Center (CEAC) 2013 Short Course will focus on Controlled Environment Agriculture for food production within traditional rural and non-traditional urban farms, with special concerns for water, energy use and environmental stewardship.*

Tuesday, AZ October 28, 2014: The University of Arizona’s Controlled Environment Agriculture Center (CEAC) presents the 2014 Crop Production & Engineering Design Short Course on March 23-28, 2014 at the Westward Look Resort. Lectures given during the Short Course will also be broadcast over the internet and can be viewed with the new Webcast attendance option. The Webcast option allows attendees to watch the lectures both live and later at their convenience. To see details of the CEAC through the 2013 Short Course, please read an article written by attendee, Annie White, of Inside Grower Magazine: <https://ag.arizona.edu/ceac/sites/files/White.pdf>

Communities throughout the world are growing. Access to fresh, affordable and safe food is diminishing. The 2014 Short Course continues the success and privilege of annually presenting viable solutions to these mounting crises. Controlled Environment Agriculture (CEA) is the production of plants and their products, such as vegetables and fruit, inside structures such as greenhouses. Within CEA, high value crops can be produced at maximum productivity in an efficient and environmentally friendly way.

Participants of the Short Course are presented the most current and innovative strategies used in developing and maintaining successful CEA greenhouse systems. For three days, Hydroponics, a method of growing plants using mineral nutrient solutions, in water, without soil, is the primary focus. Topics of hydroponics include seed selection, pest management, greenhouse structure and selection, lighting, energy systems, fertigation and more.

After 3-days of classroom lectures at the Westward Look Resort, Thursday March, 27<sup>th</sup> will consist of hands-on workshops at the CEAC research and educational facilities on the campus of the University of Arizona, with the goal to connect theory and information with practical hands-on experience for each participant. Then on Friday March 28<sup>th</sup>, there will be an optional tour to a commercial greenhouse, which will attempt to tie everything students have learned together from Monday through Thursday.

For more Short Course details and information, visit our website at <https://ag.arizona.edu/ceac/Spring-Short-Course> or contact Aaron Tevik at 520-626-9566 or [atevik@cals.arizona.edu](mailto:atevik@cals.arizona.edu)

If you'd like more information, to schedule an interview, or to learn more about the role of CEAC in our community, please contact Aaron Tevik at 520-626-9566 or [atevik@cals.arizona.edu](mailto:atevik@cals.arizona.edu).

**CEAC’s Mission is to: Expand** the science, technology, engineering and practical application of CEA while optimizing the use of water, energy, labor, land and other resources; **Extend** the knowledge of CEA to students, growers, faculty, governments, international non-governmental organizations, financiers and CEA’s constituent industries and **Demonstrate** that our research can resolve CEA plant production challenges such as harsh conditions, scarce resources, and societal concerns with educational applications of CEA technology.