

Schedule is Subject to Change

2014 Realities of Growing Plants Indoors Short Course Program Schedule

Sunday July 20, 2014 **Location: Westward Look Resort**

4:00 – 6:00 pm Registration
6:00 – 7:30 pm Reception
Dinner on own

Monday July 21, 2014 *Realities of Growing Plants Indoors (Day 1)*

7:00 – 8:00 am Breakfast
8:00 – 8:15 am *Introduction and Program Goals*
 Dr. Gene Giacomelli
8:15 – 9:00 am *Plant Response to Greenhouse Environment*
 Dr. Chieri Kubota
9:00 – 9:45 am *Water and Plant Nutrition Part I: Water*
 Dr. Merle Jensen
9:45 – 10:15 am Q & A Session
10:15 – 10:45 am Morning Coffee Break
10:45 – 11:30 am *Light, the Critical and Limiting Factor*
 Dr. Ricardo Hernandez
11:30 – 12:00 pm Q & A Session
12:00 – 1:15 pm Lunch
1:15 – 2:00 pm *Plant Cultural Practices*
 Mark Kroggel
2:00 – 2:45 pm *Water and Plant Nutrition Part II: Nutrition*
 Dr. Merle Jensen
2:45 – 3:15 pm Q & A Session
3:15 – 3:45 pm Afternoon Coffee Break
3:45 – 4:30 pm *Experiences in a Food Growth Chamber*
 TBA
4:30 – 5:00 pm Q & A Session
5:00pm Dinner & Evening on your own

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Tuesday July 22, 2014 *Realities of Growing Plants Indoors (Day 2)*

7:00 – 8:00 am	Breakfast
8:00 – 8:15 am	<i>It's a New Day</i> Dr. Gene Giacomelli
8:15 – 9:00 am	<i>Energy Flows for the Indoor Environment</i> Dr. Murat Kacira
9:00 – 9:45 am	<i>Enclosure and Structure</i> Dr. Gene Giacomelli
9:45 – 10:15 am	Q & A Session
10:15 – 10:45 am	Morning Coffee Break
10:45 – 11:30 am	<i>Basic Analysis of Production Costs (Guided Q&A)</i> Dr. Chieri Kubota
11:30 – 12:00pm	<i>Free Form Q & A Session</i>
12:00 – 1:15 pm	Lunch
1:15 – 2:00 pm	<i>Providing the Environment for the Plants</i> Dr. Murat Kacira
2:00 – 2:45 pm	<i>Water Delivery Procedures and Systems</i> Dr. Gene Giacomelli
2:45 – 3:15 pm	Q & A Session
3:15 – 3:45 pm	Afternoon Coffee Break
3:45 – 4:30 pm	<i>Experiences as a Commercial Grower</i> TBA
4:30 – 5:00 pm	Q & A Session
5:00 - 7:00 pm	Registration for Investor & Business Forum
5:00 – 7:00 pm	Welcome Reception for Investor & Business Forum Dinner & Evening on your own

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Wednesday July 23, 2014

Investor & Business Forum (All Day)

7:00 – 8:00 am	Breakfast at Hotel
8:00 – 11:00am	Demonstrations of Working Plant Growing Systems at the UA-CEAC in small group tours
8:00 – 8:30 am	Bus to UA-CEAC
8:30 – 9:00 am	(Group 1) Greenhouse Hydroponic Crop Production
9:00 – 9:30 am	(Group 2) Veggie Box
9:30 – 10:00 am	(Group 3) LED Lamp Demonstration
10:00– 10:30 am	(Group 4) South Pole Growth Chamber (virtual visit)
10:30– 11:00 am	(Group 5) Prototype Lunar Greenhouse (real visit)
11:00 – 12:15 pm	Hearty CEAC Luncheon
12:15 – 3:00 pm	Investor & Business Forum Event
3:00 – 3:15 pm	Closing
3:15 – 3:45 pm	Bus returns to hotel