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 Hort Americas Sponsored Coffee Break www.hortamericas.com/
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
3:45 – 4:30 pm Water Delivery Procedures and Systems
   Dr. Gene Giacomelli
4:30 – 5:00 pm Q & A Session
5:00pm Dinner & Evening on your own
Tuesday July 22, 2014  

**Realities of Growing Plants Indoors (Day 2)**

7:00 – 8:00 am  Breakfast  

8:00 – 8:15 am  It’s a New Day  

Dr. Gene Giacomelli

8:15 – 9:00 am  Energy Flows for the Indoor Environment  

Dr. Murat Kacira

9:00 – 9:45 am  Enclosure and Structure  

Dr. Gene Giacomelli

9:45 – 10:15 am  Q & A Session  


10:45 – 11:30 am  Providing the Environment for the Plants  

Dr. Murat Kacira

11:30 – 12:00 pm  Q & A Session  

12:00 – 1:15 pm  Lunch  

1:15 – 2:00 pm  Basic Analysis of Production Costs (Guided Q&A)  

Dr. Chieri Kubota

2:00 – 2:45 pm  Experiences & Challenges in Indoor Growing  

Milan Kluko, Green Spirit Farms

2:45 – 3:15 pm  Q & A Session  

3:15 – 3:45 pm  Afternoon Coffee Break  

3:45 – 4:30 pm  5 Keys to a Successful Post-Harvest  

Milan Kluko, Green Spirit Farms

4:30 – 5:00 pm  Q & A Session  

3:00 – 6:00 pm  Registration for Investor & Business Forum  

5:00 – 7:00 pm  Welcome Reception for Investor & Business Forum  

Dinner & Evening on your own
### Wednesday July 23, 2014  
**Investor & Business Forum (All Day)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7:00 – 8:00 am</td>
<td>Breakfast at Hotel</td>
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<tr>
<td>8:00 – 11:00 am</td>
<td>Demonstrations of Working Plant Growing Systems at the UA-CEAC in small group tours</td>
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<td>8:00 – 8:30 am</td>
<td>Bus to UA-CEAC</td>
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<tr>
<td>8:30 – 9:00 am</td>
<td>(1 Large Group) <strong>Prototype Lunar Greenhouse</strong> (real visit), Dr. Gene Giacomelli and students, LGH Lab</td>
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<td>9:00 – 9:30 am</td>
<td>(Group 1) <strong>Greenhouse Hydroponic Crop Production</strong>, Dr. Merle Jensen, Tomato Greenhouse</td>
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<td>9:30 – 10:00 am</td>
<td>(Group 2) <strong>Veggie Box</strong>, Dr. Chieri Kubota, Between CEAC &amp; Annex Buildings</td>
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<td>10:00– 10:30 am</td>
<td>(Group 3) <strong>LED Lamp Demonstration</strong>, Dr. Ricardo Hernandez, Growth Chamber</td>
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<td>10:30– 11:00 am</td>
<td>(Group 4) <strong>South Pole Growth Chamber</strong> (virtual visit), Dr. Gene Giacomelli, CEAC Classroom</td>
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<td>11:00 – 12:15 pm</td>
<td>Hearty CEAC Luncheon</td>
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<td>12:15 – 3:00 pm</td>
<td>Investor &amp; Business Forum Event</td>
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<tr>
<td>3:00 – 3:15 pm</td>
<td>Closing</td>
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<tr>
<td>3:15 – 3:45 pm</td>
<td>Bus returns to hotel</td>
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