

## Urban Farming Syllabus

### Day 1:

#### Morning

Introductions: Urban Farming Icebreaker. Win a prize  
Tour of the Hydroponic and Aeroponics Gardens in the  
Rooftop

#### The Secret Lives of Plants

Can we Grow Plants Without Seeds? Learn About Other  
Ways to Grow Plants Without Seeds. Pick Your Seeds  
and Learn the Importance of Germinating Seeds

#### Afternoon

Soil or no Soil: What method will it be?  
What kind of soil do you use?  
What if you don't have the right type of soil?  
Nutrient testing of the soil

#### Prepare Germination Trays and Begin Designing Your Garden

Rock Wool germination cube composition and why do  
we use this for germination of the seed soil

### Day 2:

#### Morning

More details about how plants receive their nutrients  
Importance of water supply, what is in the water, and  
why a lack of water can be stressful

#### Afternoon

Using Plasma treated water or Ozonized water what  
would that do to the plants  
Understanding the possible differences

### Day 3:

#### Morning

What are the different types of farming?  
Understanding that gardening is a type of farming  
What is Urban Agriculture and how different is it from  
traditional approaches  
When and where can we use hydroponics, aeroponics or  
aquaponic growing styles

#### Afternoon

Plant the germinating seeds using your choice of Urban  
farming  
Importance of spacing  
Water delivery  
How do we feed plants using non-traditional methods

### Day 4:

#### Morning and Afternoon

Visit a Nearby Farm  
Visit a nearby Urban Farm

### Day 5:

Discussion on the care of the plants that you have chosen to  
grow  
Sample some aeroponic or hydroponically grown plants  
from the Green House!!  
Review how to care for them at home in an Urban setting!