

# Decay-Testing, Biology, Bio-Mechanics

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## Understanding biomechanical principles and biology in relation to assessing Trees for Decay

Time	Speaker	Topic
7:30 to 8:20 am		Registration & Coffee
8:20	Local Folks	Welcome
8:30	Chelsi Abbott	Introduction: Assessing Trees for Decay
9:20	Frank Rinn	Wood anatomy, wind-load and basic tree biomechanics.
10:30	Break	Break
10:45	Chelsi Abbott	Biology of Decay Fungi: Decay types, Life cycles, and Fruiting
11:35	Frank Rinn	Shell-wall thickness and breaking safety of mature trees
12:25		Lunch
1:00	Frank Rinn and Chelsi Abbott	Outdoor Session Frank Rinn and Chelsi Abbott will demonstrate tree assessment using their basic and advanced testing methods including visual, sounding, DNA testing, resistance drilling (Resistograph)
2:20	Break	Return to Class
2:35	Frank Rinn	Basics, Possibilities and Limitations of Tree Inspections
3:25	Chelsi Abbott	Identification of Common Decay Fungi, what they mean to stability
4:15	Local Folks	Wrap up/Evaluations

## Advanced Training Day

### Day 2

Time	Speaker	Topic
7:30 to 8:20 am		Registration & Coffee
8:20	Local Folks	Welcome
8:30	Chelsi Abbott	Decay Fungi Identification: Part 2
9:20	Frank Rinn	Advanced Tree Biomechanics
10:30	Break	Break
10:45	Chelsi Abbott	Root Decay Fungi Identification, Assessment and Management
11:35	Frank Rinn	Calculating tree-safety?
12:25		Lunch
1:00	Frank Rinn and Chelsi Abbott	Outdoor Session Frank Rinn will demonstrate tree assessment advanced testing using sonic tomography (Arbotom)
2:20	Break	Return to Class
2:35	Frank Rinn	Basics, Possibilities and Limitation of Tree Inspections
3:25	Chelsi Abbott	Does Biology Trump Biomechanics?
4:15	Local Folks	Wrap up/Evaluations