

HORT 481A1

Postharvest Biology and Technology Online Course Department of Horticulture and Landscape Architecture Fall 2016



Aim of the course (HORT 481A1)

Pre-harvest and postharvest factors that affect market quality of horticultural commodities with an emphasis on technologies to preserve postharvest quality and extend storage life of fruits and vegetables. To familiarize students with the relationships between plant organ type, function, and the relevance of these attributes to

- ❖ Postharvest behavior and predictive handling protocols for specific commodities
- ❖ Importance of phytonutrients and the effect of postharvest treatments on them during storage.

Scope and Goals of the Course (HORT 481A1)

Students, upon completion of the course will gain the knowledge on

postharvest handling of fruits and vegetables and able to understand and relate underlying biology to the perishable nature of these important foods. Subject areas covered including plant physiology, biochemistry, and molecular biology of fruit, vegetative, and floral organs after harvest.

Instructor Information

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