

# HOC 141: Aquaculture & Hydroponics

This course is an introduction to Aquaculture and Hydroponic production. Materials covered include origin, history, basic principles and current trends in the industry. Students will study topics ranging from construction of aquaculture and hydroponic structures to types of crops produced, including concepts of production, biological fundamentals of plants and animals, pH and nutrient requirements, pest management and business aspects including sales and marketing. Upon completion, students should be familiar with the aquaculture and hydroponic industry, the types of crops produced and marketed and pest management.

**Credits:** 3

**Lab Hours:** 2

**Lecture Hours:** 2

**Prerequisites:**

As required by program

**Program:** Agriculture/Horticulture Production

**Semester Offered:**

Summer