

# HORT A146: INTRODUCTION TO AQUAPONICS

---

Item	Value
Top Code	010900 - Horticulture
Units	2 Total Units
Hours	72 Total Hours (Lecture Hours 18; Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

## Course Description

This course is designed to introduce students to the science of aquaponics — a sustainable method of food production that combines aquaculture (raising fish) and hydroponics (growing plants in water) for a variety of applications. Through a blend of lectures and hands-on lab work based in our aquaponics greenhouses, students will gain both theoretical knowledge and practical skills essential for understanding and implementing aquaponic systems at various scales. Enrollment Limitation: MRSC A146; students who complete HORT A146 may not enroll in or receive credit for MRSC A146. Transfer Credit: CSU.

---

## Method(s) of Instruction

- Lecture (02)
- Lab (04)