

Online Aquaponics Intensive Workshop

with Dr. Matthew Recsetar
October 19th & 20th
9am-2pm MST AZ

October 19th - Day 1:

Waiting room and discussion available at 8:30am

9:00- 9:15 am Greetings and Course Overview

9:15- 10:00 am Introduction to Aquaponics and System Design

10:00- 10:45 am Filtration

▶ Types of filters

Designing and building filters

Purchasing filters

10:45- 11:30 am Tanks and Pumps

► Types, selection, and sizing

11:30- 11:45 am Questions

11:45- 12:00 pm Break

12:00- 12:05 pm Sponsorship Presentation: Enterprise Aquatics

12:05- 12:45 pm Making Your System Work for You

▶ Finding the right fittings, materials, growbeds

▶ Other Components

► Flood and drain, airlift

12:45- 1:30 pm System Planning

What to grow? where to grow? water source?

▶ Designing your system

▶ Parts inventory

Cost breakdown/budget

1:30- 2:00 pm Questions



October 20th- Day 2:

Waiting room and discussion available at 8:30am

9:00- 9:15 am Discussion and questions from previous day

9:15- 9:45 am Fish and Fish Care

Fish transport and acclimation

Stocking and feeding

► Care and maintenance

9:45- 10:15 am Growing Plants in Aquaponics

▶ Germination, seed trays, transplants

▶ Plant care and maintenance

10:15- 10:30 am Questions

10:30- 10:40 am Break

10:40- 11:25 am Water Quality and Nutrients (Discussion and Demo

► Water quality parameters and limits

► Nutrient supplementation

► Measuring and maintaining water quality

11:25- 11:55 am System Management

▶ Daily tasks

► Maintenance

Harvesting fish and plants

11:55- 12:10 pm Questions

12:10- 12:20 pm Break

12:20- 12:50 pm Integrative Pest Management

Prevention, monitoring

► Treatments: organic vs conventional, biological

12:50- 1:30 pm Troubleshooting, Tips and Tricks

Leaks and repairs

Shade, algal and bacterial build up, suspended soils, foam

1:30- 2:00 pm Questions and Evaluation Form