**Aquaponics Applied Science Skills**

**Commercial Aquaponics Workforce Preparation**

**Self Evaluation**

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Cognitive Skills***

|  |  |  |
| --- | --- | --- |
| Skills | Have you gained this skill (y or n) | Comments (Give an example that shows you have attained the skills and competencies listed.) |
| Observation |  |  |
| Measuring |  |  |
| Experimenting |  |  |
| Data Recording |  |  |
| Problem Solving |  |  |
| Critical Thinking |  |  |

***Competencies***

|  |  |  |
| --- | --- | --- |
| Abilities | Have you gained this ability (y or n) | Comments (what can you/your instructors do to help you gain these abilities? |
| Assembly of Construction Materials |  |  |
| Assembly of AquaPono Unit |  |  |
| Water Quality Testing (including checking water temperature) |  |  |
| Feeding Fish (recording data) |  |  |
| Maintaining System (recording data) |  |  |
| Remembering to Wash Hands |  |  |
| Cleaning AquaPono Systems (fish tank, grow beds, up-pipe, stand pipe, splash guard, pump, filter pad) |  |  |
| Plant Analysis (including measuring plants and recording data) |  |  |
| Yard Maintenance (keeping the area around the system clean; rake leaves, spray “grass”, clean tables) |  |  |
| Counting Leaves on Plants and Fish in Tanks |  |  |
| Weighing Fish (to predict average weight per tank) |  |  |
| Achieving Tasks (in a timely manner) |  |  |

***Non-Cognitive Skills***

|  |  |  |
| --- | --- | --- |
| Skills | Have you gained this skill below (y or n) | Comments (Give an example that shows you have attained that skills and competencies listed; how, what you can do better) |
| Reliability |  |  |
| Dependability |  |  |
| Persistence |  |  |
| Team Work |  |  |
| Self Evaluation |  |  |
| Resiliency |  |  |
| Honesty |  |  |
| Conflict Resolution |  |  |
| Listening |  |  |