

APPLICATION FORM
Small-scale Aquaponics Course

Personal information

Name: _____

Date of birth: _____ Age: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Next of kin

Name: _____

Phone: _____

Education and training history

School/College: _____

From/To: _____

Highest level achieved: _____

Employment history (if applicable) Employer:

Location: _____

Type of work: _____

Length of employment: _____

References (please supply the details of a personal referee)

Name: _____

Phone: _____

Additional Information:

Signature: _____

Other NFC Non-Qualification Courses:

Commercial Operation

- ◆ FC0BST19 - Certificate in Basic Safety Training
- ◆ FC0MSP19 - Certificate in Maritime Security Procedures
- ◆ FC0REF17—Statement of Attainment in Running and Maintenance of Marine Refrigeration System
- ◆ FC0SBT17 - Statement of Attainment in Small Boat Training
- ◆ FC0SFO17 - Certificate in Small Fishing Operations
- ◆ FC0CFFAD17 - Certificate in Constructing and deploying a Fish Aggregating Device

Aquaculture courses:

- ◆ FQ0APONICS17 - Certificate in Aquaponics concepts of integrated plant and fish farming

For more information contact

National Fisheries Authority (HQ)
Phone: (675) 3090444 Ext:800

Or

National Fisheries College
P.O. Box 239,
Kavieng,
New Ireland Province,
Papua New Guinea
Phone: (675) 984 2187 or Fax: (675) 984 3243
or e-Mail: nfcinfor@fisheries.gov.pg

NATIONAL FISHERIES COLLEGE

FQ0APONICS17
Certificate in
Aquaponics

Small-Scale
Aquaponics
Course

“A practical course introducing the concepts of integrated plant and fish farming”

AQUAPONICS

Integrated plant and fish farming

What is aquaponics?

Aquaponics is the process of using the waste that fish create to produce plants. In an ideal aquaponics system, nutrient-rich waste (mainly uneaten food and faeces) from the fish tank is cycled through plant grow beds. The plants use these nutrients for growth and return clean water to the fish.

Why aquaponics?

Aquaponics is a relatively new industry which is experiencing wide-spread expansion in the world. This is because of the benefits in which aquaponics can offer, some of these include:

- Water conservation – Water is used very efficiently in recirculating aquaponic systems as it is being continuously cycled through the system.
- Less land space required – Compared with soil-based plant production, a significant reduction in land is required to grow the same crops.
- Faster growth of plants – In an ideal aquaponic system, growth rates can exceed soil-based plant growth by up to four times.
- Diversifies income – The rearing of fish and growing of vegetables can provide the grower with two sources of income.

Objective:

This course has been developed with the aim of educating participants with the knowledge and skills required to develop and maintain a smallscale aquaponics system, producing fish and vegetables as food security for families and as an income from local markets.

Award:

- Statement of Attainment in Small-scale Aquaponics.

Course duration:

- 6 days (42 hours).

Entry requirements:

- Basic literacy skills.

Course Venues

- Courses are delivered in Kavieng at the National Fisheries College.

Enrolment Procedures

- Applicants should complete and return the application on the back of this brochure.
- Provincial Fisheries Offices may seek entry on behalf of Aquaculture famers or persons willing to enter the industry and applicants from their work force where required
- Other requirements as required under NFC Policies and Procedures will be made known upon request.

Course Fees

- Contact National Fisheries College for information regarding fees.

Course Rules

- The National Fisheries College has Rules by which all Trainees should abide by once they are accepted for training at the NFC. These Rules act as a deterrent so each Trainee can concentrate on learning and acquiring skills rather than concentrate on unnecessary activities that do not assist with a Trainees learning on Campus.

Course Assessment

- All courses for fishing vessel crew and seafood industry workers are based on agreed industry competency standards.
- The competency standard include general knowledge and practical assessment.
- Validation on all assessment will be done when a course is completed.

Other NFC Qualification Courses:

Aquaculture courses:

- FQ117 Certificate 1 in Aquaculture
- FQ217 Certificate 2 in Aquaculture
- FQ317 Certificate 3 in Aquaculture
- FQ417 Certificate 4 in Aquaculture

Compliance & Governance courses:

- FGC217 Certificate 2 in Fisheries Officer Operations
- FGC317 Certificate 3 in Fisheries Officer Operations
- FGC4EC17 Certificate 4 in Fisheries Officer Operations (Enforcement & Compliance)
- FGC4GF17 Certificate 4 in Fisheries Officer Operations (General Fisheries Operations)

Commercial Fishing:

- FC1G17 Certificate 1 in Commercial Fishing Operations
- FC1P17 Certificate 1 in CFO (Purse Seine)
- FC2SC17 Certificate 2 in Commercial Fishing Operations (Coastal Skipper)
- FC2AE17 Certificate 2 in Commercial Fishing Operation (Assistant Engine Driver)
- FC3M17 Certificate 3 in Commercial Fishing Operation (Offshore Meter<24meters)
- FC3ED17 Certificate 3 in Commercial Fishing Operations (Engine Driver-Grade 2)

Post Harvest Courses:

- FP117 Certificate 1 in Post Harvest Operation
- FP217 Certificate 2 in Post Harvest Operation
- FP317 Certificate 3 in Post Harvest Operation
- FP417 Certificate 4 in Post Harvest Operation
- Diploma in Post Harvest Operation

Non Qualification Fisheries Courses (Short Courses):

Fisheries Business Courses:

- ◆ FB0BA17 - Certificate in Business Awareness
- ◆ FB0BP17 - Certificate in Business Planning
- ◆ FB0FA17 - Certificate in Financial Analysis
- ◆ FB0MFC17 - Certificate in Managing a Fishery Cooperative

Post Harvest Operation Courses

- ◆ FP0AMFSR17 - Statement of Attainment in Apply and Monitor Food Safety Requirements
- ◆ FP0CIFSA17 - Statement of Attainment in Conduct Internal Food Safety Audit
- ◆ FP0FCPC17 - Statement of Attainment in fill and close product in a can
- ◆ FP0HACCPB17 - Statement of Attainment in HACCP Basics
- ◆ FP0HACCP17 - Statement of Attainment in HACCP Advance
- ◆ FP0IFSP17 - Statement of Attainment in Implement Food Safety Program and Procedures
- ◆ FP0RP17 - Statement of Attainment in Understanding a Retort Process