

APPLICATION FORM
CERTIFICATE 4 in Aquaculture

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: _____

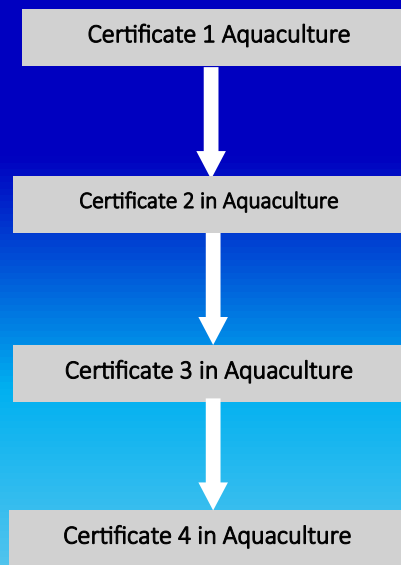
References (please supply the details of a personal referee)
Name: _____

Phone: _____

Additional Information: _____

Signature: _____

QUALIFICATIONS and CAREER PATH



For more information contact

Or


National Fisheries Authority (HQ)
Phone: (675) 3090444 Ext:800
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: nfcinfo@fisheries.gov.pg

**FQ417 CERTIFICATE 4
In AQUACULTURE**

NATIONAL FISHERIES COLLEGE



***"A practical course for
the aquaculture industry"***

Training Specialists for the Fishing Industry

Course Content

This qualification specifies the competency relevant to an individual working in the Aquaculture Sector of the Seafood Industry in the capacity of a skilled worker or leading hand.

The qualification will have application for people working:

- For companies providing contract specialist services for aquaculture operation
- in hatcheries and nurseries
- in live post-harvest holding facilities, such as processing plants, wholesalers or transporters
- On aquaculture farms or fishout/put-and take operation

Course Duration

- The course covers a 10 weeks period.

Entry Requirements

- Applicant has to complete Certificate 1, 2 and 3 in Aquaculture Competency Training will be eligible for Certificate 4 Aquaculture Competency Training.

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.

Qualification Job roles :

- on aquaculture farms or fishout/put-and-take operations in hatcheries and nurseries
- in live post-harvest holding facilities, such as processing plants, wholesalers or transporters
- in pet shops, public aquaria, zoos or other facilities with aquatic animals
- for companies providing contract specialist services for aquaculture operations
- for companies providing consultancy, advisory, equipment sale or other services.

A person operating at this level supervises or coordinates a broad range of duties appropriate to work in this sector of the seafood industry which may include:

- coordinating stock-related activities, such as: feeding, handling, harvesting and controlling pests, predators and disease
- coordinating the monitoring and maintaining of stock and the aquaculture environment
- managing the installing, constructing and maintenance of stock holding and culture systems, and other farm structures
- ensuring safe and efficient procedures for production of quality product
- responsibility for:
- use of mechanisation, automation or technology to improve production
- training and induction of staff, including emergency procedures
- compliance with occupational health and safety (OHS), environment, animal welfare and food safety regulations.

Work may vary between aquaculture and live holding enterprises.

Job role titles may include:

- harvest manager
- head supervisor
- gear supervisor
- safety officer
- senior or head technician
- shift leader
- quality assurance or environmental officer.

OTHER QUALIFICATION TRAINING PROGRAM OFFERED BY NFC

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)

Aquaculture courses:

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

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

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)

Competency under Certificate 4 in Aquaculture

A total of seven (7) units of competency must be achieved. seven(7) aquaculture units (Group C) any elective) units from Group D where required

C. AQUACULTURE UNITS	
FAQ4.1C	Develop and implement a stock health program
FAQ4.2C	Coordinate construction or installation of stock culture, holding and farm structures
FAQ4.3C	Operate hatchery
FAQ4.5C	Coordinate sustainable aqua cultural practices
FAQ4.6C	Supervise harvest and post-harvest activities
FAQ4.7C	Implement, monitor and review stock production
FAQ4.8C	Manage water quality and environmental monitoring in enclosed systems
D. ELECTIVES	
FAQ3.9D	Support hatchery operations
FP3.12D	Regulate temperature controlled stock
FP3.13D	Identify equipment faults
FSP3.10D	Use structured problem solving tools
FP3.11D	Assist in implementing a proactive maintenance strategy
FELERSDEV.02J	Contribute to team effectiveness
FAQ4.4C	Seed and harvest round pearls