

Aquaculture Technician Training



Indigenous Training and Skills Development



First Aid and Workplace Safety



Safety



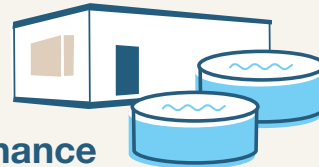
Marine Emergency Duties

Fish Handling



Knowledge

Site Maintenance



Skills and Abilities

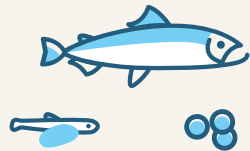
Monitoring and Data Collection



Data Analysis and Interpretation



Knowledge Transfer



Fish Biology and Health

Expertise

Harvesting



Careers



Hatchery Technician



Laboratory Technician



Aquaculture Manager



Biologist

Aquaculture Technician Training Courses*

- **First Aid and Workplace Safety:** Marine Basic First Aid, Occupational First Aid (Level 1), Cardiopulmonary Resuscitation (Level C), Basic Farm Safety, Aquaculture Safety, Occupational Health and Safety, Workplace Hazardous Materials Information System, Confined Space Awareness, Forklift Operator's Certificate, Transportation of Dangerous Goods Certification
- **Marine Emergency Duties:** Marine Emergency Duties (A3), Radiotelephone Operator Certificate (Marine), Small Vessel Operator Proficiency, Restricted Operator's Certificate (Radio), Small Non-pleasure Domestic Vessel Basic Safety

Course curricula featured below are based on diploma courses

- **Site Maintenance:** Salmonid Cage and Site Maintenance, Farm Operation and Maintenance, Aquaculture Equipment and Facility Maintenance, Mechanical Systems in Aquaculture, Control of Filter Equipment, Aquaponics Operation and Maintenance, Bio-security
- **Fish Handling and Feeding:** Introduction to Aquaculture, Shellfish Aquaculture, Shellfish and Algal Production, Fish Husbandry Procedures, Salmonid Feeds and Feeding, Salmonid Nutrition, Trout and Salmon Farming Field Work, Finfish Grow-out Production, Finfish Hatchery Production, Warm Water Fish Culture
- **Monitoring and Data Collection:** Fish Diseases and Health, Principles and Practices in Cool and Warm Water Aquaculture, Water Quality Monitoring, Fish Counting and Grading
- **Data Analysis and Interpretation:** Fish Habitat Assessment and Rehabilitation
- **Fish Biology and Health:** Biology (Aquaculture, Salmonids, Cultured Finfish, Fishes), Concepts in Biology, Life History and Management of Salmonids, Health and Husbandry, Aquatic Plant Ecology, Invertebrate Zoology and Trout Culture, Salmonid Health and Biosecurity

**There may be annual, refresher and/or recertification needs.*



- Aquaculture Technician Certificate
- Aquaculture (Salmonid) Technical Certificate (12-week program)
- Aquaculture Operations College Certificate (19-week program)
- The Experimental Fish

Advanced Education

College and Technical Institutes

- Aquaculture Technician Diploma (25 weeks and one-year programs)
- Fisheries and Aquaculture Diploma (two-year program)
- Aquaculture Co-op (three semesters, post-graduate program)

University (Degrees and Graduate Certificates)

- Bachelor of Science Degree in Fisheries & Aquaculture (four years)
- Certificate in Aquaculture (Bachelor of Science students)
- Graduate Certificate in Aquaculture

National Occupational Classification

2221: Biological Technologists and Technicians

