

Hatchery Technician Training



Indigenous Training
and Skills Development



Safety

First Aid and
Workplace Safety



Marine
Emergency
Duties



Fish Handling



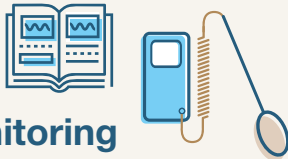
Knowledge

Site
Maintenance



Skills and Abilities

Monitoring
and Data Collection



Data Analysis
and Interpretation

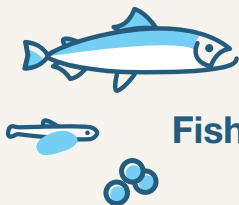


Knowledge
Transfer

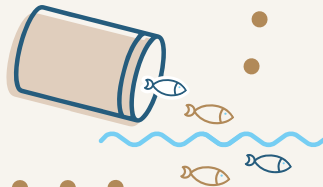


Expertise

Fish Biology



Restocking



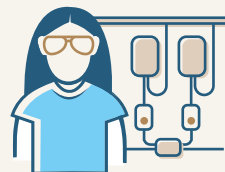
Careers



Aquaculture
Technician



Laboratory
Technician



Hatchery
Manager



Biologist

Hatchery Technician Training Courses*

- **First Aid:** Occupational First Aid (Level 1), Cardiopulmonary Resuscitation (Level C)
- **Workplace Safety:** Aquaculture Safety, Occupational Health and Safety, Workplace Hazardous Materials Information System, Confined Space Awareness, Forklift Operator's Certificate, Transportation of Dangerous Goods Certification

Course curricula featured below are based on diploma courses

- **Site Maintenance:** Hatchery Operation and Maintenance, Mechanical Systems in Aquaculture, Control of Filter Equipment, Aquaponics Operation and Maintenance, Bio-security, Fisheries Engineering (Hydrology)
- **Fish Handling and Feeding:** Introduction to 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, Field Skills, Warm Water Fish Culture, Advanced Aquatic Animal Care and Husbandry
- **Monitoring, Sampling and Data Collection:** Water Monitoring Skills, Water Quality Sampling and Design, Fish Diseases and Health, Principles and Practices in Cool and Warm Water Aquaculture, Fish Counting and Grading, Principles and Practices in Cool and Warm Water Aquaculture

- **Data Analysis and Interpretation:** Fish Husbandry Analysis, Fish Habitat Assessment and Rehabilitation, Introduction to Statistics, Aquaculture Technical Communication, Writing and Research, Introduction to Fisheries Management

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 Biology and Husbandry, Salmonid Health and Biosecurity, Aquaculture Health and Safety

**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

