



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Trawl Net Repair Techniques For Fishing Vessels Training

Services / Transport, Operations and Logistics

Unit Standard 114034 · NQF Level 3 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips participants with the practical skills and theoretical knowledge required to repair and maintain trawl nets used on fishing vessels. Learners will master techniques for mending tears, replacing netting panels, and splicing ropes, ensuring nets remain seaworthy and compliant with industry standards. The training emphasizes safety, efficiency, and durability of repairs to minimize downtime at sea.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	114034
Accreditation	SAQA Accredited · NQF Level 3 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply appropriate techniques to identify and assess damage to trawl nets.
- Demonstrate correct procedures for mending tears and holes using hand tools and netting needles.
- Evaluate the structural integrity of repaired net sections and perform quality checks.
- Design and implement reinforcement strategies for high-stress areas of the net.
- Analyze different netting materials and select suitable repair methods for each type.
- Demonstrate safe handling and storage of repair equipment and materials.

WHO SHOULD ATTEND

- This course is designed for deckhands, net makers, fishing vessel crew members, and maintenance technicians who are responsible for the upkeep and repair of trawl nets.
- It is also suitable for supervisors seeking to enhance their team's net repair capabilities.

COURSE OUTLINE

Day 1: Introduction to Trawl Net Components and Materials

- Overview of trawl net structure: wings, belly, codend, floats, ground gear
- Netting materials: nylon, polyethylene, HDPE; twine types and breaking strengths
- Common damage: tears, chafing, UV degradation, snagging
- Basic tools: needles, twine cutters, knotting tools, repair frames
- Safety protocols: knife handling, workspace organization, PPE

Day 2: Knots, Splices and Basic Repairs

- Knots: sheet bend, weaver's knot, reef knot
- Splices: eye splice, short splice
- Repair stitches: herringbone stitch, cross-stitch
- Repair of small holes (< 10 meshes)
- Twine tension and gauge selection

Day 3: Panel Replacement and Patching

- Assessing damage requiring panel replacement
- Cutting netting: mesh count, selvedge edges
- Lacing methods: single lacing, double lacing
- Patch insertion: square patches, diamond patches
- Quality checks: tension, mesh alignment, knot security

Day 4: Repair of Codend and Chafing Gear

- Codend construction: mesh size, double twine, strengthening ropes
- Repairing tears in codend: reinforcing stitches, knot reinforcement
- Chafing gear types: rubber discs, chain mats, net chafers
- Attaching and replacing chafing gear
- Bycatch reduction devices (BRDs) integration

Day 5: Float, Ground Gear and Rigging Repairs

- Float types and attachment methods
- Ground gear: bobbins, rockhoppers, chain leg repairs
- Bridle and towing leg splicing and replacement
- Tension adjustments for net geometry
- Hardware inspection: corrosion, wear, replacement criteria

Day 6: Advanced Repair Techniques and Quality Control

- Large tear repair: multiple panel replacement, reinforcement nets
- Ribline installation and repair for net shape retention
- Quality control: mesh count, knot strength, seam integrity
- Repair documentation and tagging
- Time management for repairs at sea

Day 7: Practical Assessment and Course Review

- Simulated repair scenario: from damage assessment to completion
- Individual practical assessment
- Review of common mistakes and best practices
- Course summary and Q&A;

- Certification criteria and next steps

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **10 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
07 Aug 2026	17 Aug 2026	On-Campus	Mauritius
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	20 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	21 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	21 Aug 2026	On-Campus	Mauritius
14 Aug 2026	24 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	25 Aug 2026	On-Campus	Pretoria, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 114034) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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