📘 Structured Endur Training Program

For: Business Analysts, Developers, Testers, Schedulers, Risk Analysts, Solution Architects
Format: Instructor-led (Virtual/Classroom), Self-paced, Hands-on Labs, Role-based Tracks

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◆ Level 100: Foundation (Beginner)

Duration: 3 Days
Goal: Understand Endur ecosystem, UI, key entities, and trade lifecycle

Module	Description
101. Introduction to ETRM	Energy markets, trading instruments, lifecycle concepts
102. Endur Architecture	3-tier structure, GUI, DB, app server, modules
103. Navigation & UI	Blotters, screens, menus, logs
104. Core Entities	Books, portfolios, curves, instruments, counterparties
105. Trade Lifecycle Overview	Entry → Amend → Confirm → Schedule → Settle
106. Data Model Basics	Transaction info, user tables, reference data

✅ *Hands-on*: Trade walkthrough in blotters
✅ *Tools*: GUI demo, mock trades, quiz

◆ Level 200: Intermediate (Functional & Technical)

Duration: 5–7 Days
Goal: Configure modules, manage lifecycle, and develop business logic

Module	Description
201. Deal Capture	Entering structured, physical, financial trades
202. Lifecycle Management	Amendments, cancellations, rollovers
203. Scheduling & Logistics	Overview of gMotion, pMotion, cMotion
204. Risk Management	PnL, VaR, Greeks, credit limit control
205. Reporting Tools	Query Tool, blotters, custom report viewer

Module	Description
206. Settlements & Accounting	Netting, tax config, SAP integration
207. Reference Data Management	Static data, currencies, instruments, curves

✅ *Hands-on*: Lifecycle testing, SQL report writing, config walkthrough
✅ *Tools*: Test UI, SQL console, mock risk screen

🔷 Level 300: Advanced (Customization & Integration)

Duration: 7–10 Days
Goal: Extend and automate Endur with scripting and interfaces

Module	Description
301. OpenJVS & AVS	Custom logic for validation, lifecycle, UI behavior
302. OpenComponents	Build batch jobs, custom screens
303. Query Tool / SQL	Advanced queries, PnL reports, troubleshooting
304. Workflow Engine	Task-based routing, approvals, exception handling
305. Connex Interfaces	XML flat files, SAP, exchanges, FTP setup
306. Advanced Risk	Scenario analysis, stress tests, VaR tuning
307. Cloud Deployment	CI/CD pipeline, containerization, monitoring

✅ *Hands-on*: JVS script writing, batch job creation, interface mock setup
✅ *Tools*: Endur sandbox, IntelliJ, batch monitor

🔷 Level 400: Specialist Role-Based Tracks

Duration: 3–5 Days per role
Goal: Deep domain training for operational excellence

Track	Modules Covered
Power & Gas Functional	pMotion setup, swing options, imbalance mgmt
Crude & Refined Products	Tank scheduling, quality handling, shipping
Risk & Credit Analyst	Exposure modeling, VaR, stress, collateral

Track	Modules Covered
Tester/QA	Regression packs, lifecycle test automation, Triangle/Wipro ETA
Solution Architect	Upgrade path planning, optimization, roadmaping

🎓 Capstone Certification

Duration: 1 Day
Goal: Validate learning with scenario-driven, hands-on simulation

- Trade lifecycle case study
- Endur query + config
- Risk report creation
- Mock settlement

🧩 Optional Workshops

Workshop	Duration	Content
Endur Upgrade Bootcamp	2 Days	Migrate v14/v17 to v21/v25
Cloud Readiness	1 Day	Azure/AWS deployment, ION cloud
API & Integration	1 Day	REST APIs, real-time system integration

📁 Delivery Formats

- 👨‍🏫 Instructor-led (onsite/remote)
- 🎥 Self-paced video with labs
- 💻 Virtual Endur sandbox
- 📊 Slides, quizzes, and project templates
- 📜 Completion certificate

✅ Implementation Plan Suggestion

Phase	Who Should Attend	Level	Duration
Phase 1	Business Users, Testers	Level 100	3 days
Phase 2	Functional/Tech Consultants	Level 200	1 week
Phase 3	Devs, Integrators	Level 300	2 weeks
Phase 4	Risk, Schedulers	Level 400	1 week (role-based)