Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

TRADE UNIONS

Trade Union Responses to Automation Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 22, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

Tel: +254 724 527 104 | +254 734 969 612

Email: training@datastatresearch.org

www.datastatresearch.org

Trade Union Responses to Automation Training Course

Trade Unions • 5 Days Intensive • Accredited Certification

Course Overview

Trade Union Responses to Automation Training Course participants with advanced strategies to respond effectively to automation-driven change while strengthening collective bargaining power, social dialogue, and labor policy influence

Key Skills & Software Tools Covered

Automation impact analysis • workforce transition strategies • skills adaptation • policy advocacy

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
18 May 2026 – 22 May 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
18 May 2026 – 22 May 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
18 May 2026 – 22 May 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**
18 May 2026 – 22 May 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 110,000**
18 May 2026 – 22 May 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 110,000**
18 May 2026 – 22 May 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 110,000**
18 May 2026 – 22 May 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 110,000**
18 May 2026 – 22 May 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 110,000**
18 May 2026 – 22 May 2026	Accra	Classroom / 5d	**$4,000 USD / KES 110,000**
25 May 2026 – 29 May 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
25 May 2026 – 29 May 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
25 May 2026 – 29 May 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Trade Union Responses to Automation Training Course

Introduction

The rapid rise of automation, artificial intelligence (AI), robotics, and Industry 4.0 technologies is transforming global labor markets, reshaping employment structures, and redefining traditional work environments. Trade unions are now facing unprecedented challenges in protecting workers' rights, ensuring decent work, fair transitions, and social protection in an era of digital disruption, algorithmic management, and workforce transformation. Trade Union Responses to Automation Training Course participants with advanced strategies to respond effectively to automation-driven change while strengthening collective bargaining power, social dialogue, and labor policy influence.

As industries shift toward smart manufacturing, gig economy platforms, cloud-based workplaces, and AI-driven decision-making systems, unions must evolve into digitally competent, policy-aware, and strategically agile institutions. This course provides practical tools for reskilling advocacy, just transition frameworks, workplace negotiation, digital organizing, and AI governance engagement, ensuring unions remain central actors in shaping equitable labor futures in the age of automation.

Course Duration

5 days

Course Objectives

- Understand automation, AI, and Industry 4.0 labor impacts
- Analyze workforce displacement and job polarization trends
- Strengthen collective bargaining in digitalized workplaces
- Develop just transition strategies for workers
- Enhance digital labor rights advocacy frameworks
- Build capacity for algorithmic accountability in workplaces
- Promote reskilling and upskilling policy interventions
- Improve social dialogue with employers and governments
- Address challenges of the gig economy and platform work
- Design union-led workforce transformation strategies
- Integrate data protection and digital privacy rights in labor action
- Strengthen union organizing in remote and hybrid work systems
- Apply global best practices in automation response strategies

Target Audience

- Trade union leaders and officials
- Shop stewards and workplace representatives
- Labor policy makers and government officers
- HR and industrial relations professionals
- Workers in manufacturing and service industries
- Gig economy and platform workers' representatives
- Labor NGO and advocacy organizations
- Social justice and labor rights researchers

Course Modules

Module 1: Introduction to Automation & Labor Transformation

- Evolution of automation and AI in the workplace
- Industry 4.0 and smart production systems
- Employment shifts and job displacement patterns
- Union challenges in digital economies
- Case Study: Automotive manufacturing automation impact on unionized labor

Module 2: Workforce Displacement & Job Polarization

- Low-skill vs high-skill job transformation
- Wage inequality in automated sectors
- Regional labor market disruptions
- Informal sector vulnerabilities
- Case Study: Retail sector automation and cashier job loss trends

Module 3: Collective Bargaining in the Digital Era

- Digital bargaining tools and strategies
- AI-driven workplace monitoring negotiations
- Algorithm transparency clauses
- Remote workforce agreements
- Case Study: Tech industry union negotiations on algorithmic scheduling

Module 4: Just Transition & Social Protection

- Concept of just transition frameworks
- Climate and automation-linked transitions
- Worker compensation and safety nets
- Government-union-employer cooperation models
- Case Study: Energy sector transition from fossil fuels to renewable automation systems

Module 5: Reskilling, Upskilling & Lifelong Learning

- Future skills for automated economies
- Union-led training programs
- Digital literacy and AI skills development
- Public-private training partnerships
- Case Study: Germany's vocational training model in Industry 4.0 transition

Module 6: Algorithmic Management & Digital Rights

- AI surveillance in workplaces
- Data privacy and worker protection
- Algorithmic decision-making transparency
- Ethical AI in labor systems
- Case Study: Ride-hailing platforms and algorithmic rating systems

Module 7: Organizing Workers in the Gig & Platform Economy

- Challenges of non-traditional employment
- Digital unionization strategies
- Cross-border labor organizing
- Platform accountability frameworks
- Case Study: Food delivery riders' unionization movements in global cities

Module 8: Strategic Union Innovation & Future of Work

- Digital transformation of trade unions
- AI tools for labor organizing
- Global labor solidarity networks
- Policy influence and lobbying strategies
- Case Study: Nordic unions integrating digital platforms for member engagement

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/trade-union-responses-to-automation-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.