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

OIL AND GAS

# Automated and Autonomous Drilling Systems 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 24, 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

# Automated and Autonomous Drilling Systems Training Course

**Oil and Gas • 5 Days Intensive • Accredited Certification**

## Course Overview

Automated and Autonomous Drilling Systems Training Course is designed to equip oil and gas professionals with advanced knowledge and practical skills in automated drilling technologies, intelligent drilling operations, and next-generation autonomous drilling systems.

### Key Skills & Software Tools Covered

Automated Drilling • Autonomous Systems • AI Optimization • Real-Time Monitoring

## 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) |
|---|---|---|---|
| **30 Nov 2026 – 4 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Nov 2026 – 4 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Dec 2026 – 11 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **14 Dec 2026 – 18 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Dec 2026 – 18 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Dec 2026 – 25 Dec 2026** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Dec 2026 – 1 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Jan 2027 – 8 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |

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| **11 Jan 2027 – 15 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Jan 2027 – 15 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Jan 2027 – 22 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Jan 2027 – 29 Jan 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **1 Feb 2027 – 5 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Feb 2027 – 5 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Feb 2027 – 12 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Feb 2027 – 19 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Feb 2027 – 26 Feb 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **1 Mar 2027 – 5 Mar 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Mar 2027 – 5 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
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| **8 Mar 2027 – 12 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Mar 2027 – 12 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Mar 2027 – 19 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |

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|---|---|---|---|
| **22 Mar 2027 – 26 Mar 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Mar 2027 – 26 Mar 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Mar 2027 – 2 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Apr 2027 – 9 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Apr 2027 – 16 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **19 Apr 2027 – 23 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Apr 2027 – 23 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Apr 2027 – 30 Apr 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **3 May 2027 – 7 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **10 May 2027 – 14 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **10 May 2027 – 14 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **17 May 2027 – 21 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **24 May 2027 – 28 May 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **31 May 2027 – 4 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |

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| **7 Jun 2027 – 11 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **7 Jun 2027 – 11 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **14 Jun 2027 – 18 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **21 Jun 2027 – 25 Jun 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **28 Jun 2027 – 2 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |

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| **5 Jul 2027 – 9 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **5 Jul 2027 – 9 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **12 Jul 2027 – 16 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **19 Jul 2027 – 23 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **26 Jul 2027 – 30 Jul 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **26 Jul 2027 – 30 Jul 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **2 Aug 2027 – 6 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **9 Aug 2027 – 13 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **16 Aug 2027 – 20 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |

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| **23 Aug 2027 – 27 Aug 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **23 Aug 2027 – 27 Aug 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **30 Aug 2027 – 3 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Sep 2027 – 10 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **13 Sep 2027 – 17 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Sep 2027 – 17 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Sep 2027 – 24 Sep 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **27 Sep 2027 – 1 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **4 Oct 2027 – 8 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |

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| **11 Oct 2027 – 15 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **11 Oct 2027 – 15 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **18 Oct 2027 – 22 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **25 Oct 2027 – 29 Oct 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **1 Nov 2027 – 5 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **1 Nov 2027 – 5 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **8 Nov 2027 – 12 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **15 Nov 2027 – 19 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **22 Nov 2027 – 26 Nov 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **29 Nov 2027 – 3 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **29 Nov 2027 – 3 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **6 Dec 2027 – 10 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **13 Dec 2027 – 17 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Nairobi | Classroom / 5d | **$1,500 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Kigali | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Dubai | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Cape Town | Classroom / 5d | **$4,500 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Addis Ababa | Classroom / 5d | **$3,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Singapore | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Istanbul | Classroom / 5d | **$5,000 USD / KES 110,000** |
| **20 Dec 2027 – 24 Dec 2027** | Bangkok | Classroom / 5d | **$5,000 USD / KES 110,000** |

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| **20 Dec 2027 – 24 Dec 2027** | Accra | Classroom / 5d | **$4,000 USD / KES 110,000** |

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

## Course Curriculum & Modules

**Automated and Autonomous Drilling Systems Training Course**

**Introduction**

**Automated and Autonomous Drilling Systems Training Course is designed to equip oil and gas professionals with advanced knowledge and practical skills in automated drilling technologies, intelligent drilling operations, and next-generation autonomous drilling systems. As the global energy industry accelerates its adoption of digital transformation, artificial intelligence (AI), machine learning, real-time drilling analytics, and smart oilfield technologies, automated drilling has become a critical driver of operational efficiency, wellbore accuracy, drilling safety, and cost optimization. Particular emphasis is placed on understanding the transition from conventional manual drilling to semi-automated workflows and increasingly autonomous drilling environments, where intelligent systems can monitor operating conditions, recommend corrective actions, and execute predefined tasks within established safety limits.**

**The course also focuses on the practical implementation of autonomous drilling workflows, AI-powered drilling optimization, digital twins, predictive maintenance, remote drilling operations, and intelligent well construction. Participants will examine how automated control algorithms regulate weight on bit (WOB), rotary speed, torque, rate of penetration (ROP), mud circulation, and other critical drilling parameters while accounting for changing downhole conditions. By the end of the training, participants will understand how to evaluate automation opportunities, interpret drilling performance data, assess autonomous system capabilities, and develop strategies for improving drilling efficiency, reducing nonproductive time (NPT), enhancing well integrity, and supporting cost-effective well delivery across onshore, offshore, and digitally connected drilling environments.**

**Course Duration**

**5 Days**

### Course Objectives

- Explain the principles of automated drilling systems, autonomous drilling technology, and intelligent well construction.
- Differentiate between conventional drilling, mechanized drilling, semi-automated operations, and fully autonomous workflows.
- Evaluate AI-driven drilling optimization techniques for improving rate of penetration, drilling efficiency, and operational consistency.
- Configure and interpret automated drilling parameters, including WOB, RPM, torque, flow rate, and ROP.
- Analyze real-time drilling data using advanced monitoring systems, drilling dashboards, and performance analytics.
- Apply machine learning concepts to drilling dysfunction detection, anomaly identification, and predictive drilling analytics.
- Assess closed-loop drilling control systems for automated adjustment of drilling parameters.
- Evaluate intelligent directional drilling technologies for accurate wellbore trajectory management.
- Identify opportunities to reduce nonproductive time through automation, predictive maintenance, and early-warning systems.
- Integrate MWD, LWD, downhole telemetry, surface sensors, and digital drilling platforms into automated workflows.
- Explain the role of digital twins and real-time simulation in autonomous drilling planning and optimization.
- Evaluate cybersecurity, operational safety, human oversight, and risk management requirements for automated drilling deployments.
- Develop an implementation roadmap for improving drilling performance through automation, digital transformation, and autonomous system adoption.

Target Audience

- Drilling engineers and drilling operations engineers.
- Well construction specialists and well planning engineers.
- Directional drilling engineers and measurement-while-drilling specialists.
- Rig managers, toolpushers, and drilling supervisors.
- Automation, instrumentation, and control systems engineers.
- Digital oilfield professionals, data analysts, and AI engineers.
- Drilling performance, reliability, and maintenance specialists.
- Oilfield technology managers, technical consultants, and energy project leaders.

Course Modules

### Module 1: Fundamentals of Automated and Autonomous Drilling Systems

- Evolution of drilling automation and intelligent drilling technologies.
- Conventional, mechanized, automated, and autonomous drilling architectures.
- Core components of automated drilling rigs and control systems.

• Sensors, actuators, programmable logic controllers, and supervisory control.

• Benefits, limitations, and operational requirements of autonomous drilling.

• Case Study: Evaluating the transition from conventional rig operations to automated drilling workflows on a land drilling project, identifying potential efficiency improvements and implementation challenges.

### Module 2: Drilling Automation Architecture and Intelligent Rig Control

• Automated rig control architecture and system integration.

• PLCs, supervisory control and data acquisition (SCADA), and human-machine interfaces.

• Integration of top drives, drawworks, mud pumps, and automated pipe-handling equipment.

• Communication protocols, sensor networks, and real-time data acquisition.

• Interlocks, control logic, alarms, and safety-critical operating limits.

• Case Study: Assessing an automated drilling rig experiencing inconsistent parameter control because of sensor communication problems and poorly coordinated control logic.

### Module 3: AI-Powered Drilling Optimization and Real-Time Analytics

• AI and machine learning applications in drilling performance optimization.

• Real-time monitoring of WOB, RPM, torque, ROP, and hydraulic parameters.

• Automated identification of drilling dysfunctions and abnormal operating patterns.

• Data-driven parameter recommendations and drilling performance benchmarking.

• Predictive analytics for minimizing NPT and improving drilling efficiency.

• Case Study: Using historical and real-time drilling data to identify inefficient drilling parameter combinations and develop a data-supported optimization strategy for a challenging formation.

### Module 4: Closed-Loop Drilling Control and Autonomous Parameter Management

• Fundamentals of feedback control and closed-loop drilling operations.

• Automated adjustment of WOB, rotary speed, and other controllable parameters.

• Adaptive drilling algorithms and response to changing formation conditions.

• Automated drilling dysfunction mitigation and operating envelope management.

• Human supervision, control authority, overrides, and fail-safe responses.

• Case Study: Designing a conceptual closed-loop drilling workflow that responds to changing torque and vibration signals while remaining within predefined operational limits.

### Module 5: Autonomous Directional Drilling and Wellbore Trajectory Control

• Intelligent directional drilling systems and trajectory management principles.

• Integration of MWD, LWD, downhole measurements, and telemetry.

• Automated trajectory tracking and deviation detection.

• Geosteering data interpretation and formation-aware drilling decisions.

• Wellbore quality, tortuosity management, and drilling accuracy optimization.

• Case Study: Reviewing a directional well where trajectory deviations increase correction time and evaluating how automated measurements and trajectory-monitoring tools could improve well placement.

### Module 6: Robotics, Automated Pipe Handling, and Smart Rig Operations

• Robotic pipe handling and automated tubular connection systems.

• Mechanized and automated drill floor operations.

• Integration of robotic equipment with rig control and safety systems.

• Automated tripping workflows and operational sequence management.

• Human-machine collaboration and reduction of personnel exposure to hazardous tasks.

• Case Study: Assessing the implementation of an automated pipe-handling system on an offshore rig to improve operational consistency, reduce manual handling exposure, and identify integration requirements.

### Module 7: Digital Twins, Predictive Maintenance, and Remote Drilling Operations

• Digital twin architecture for drilling rigs and well construction workflows.

• Real-time drilling simulation and operational scenario analysis.

• Predictive maintenance for top drives, pumps, drawworks, and critical equipment.

• Remote operations centers and collaborative drilling decision-making.

- Data integration, equipment health dashboards, and performance reporting.
- Case Study: Developing a conceptual digital twin and predictive maintenance workflow for a drilling rig experiencing recurring mud pump performance issues and avoidable equipment-related downtime.

### Module 8: Autonomous Drilling Safety, Cybersecurity, and Implementation Strategy

- Functional safety, risk assessment, and safety-critical control requirements.
- Cybersecurity threats affecting connected rigs and remote drilling systems.
- Data quality, system interoperability, and integration with existing infrastructure.
- Automation readiness assessments, performance indicators, and return on investment.
- Implementation planning, workforce development, governance, and continuous improvement.
- Case Study: Preparing an automation deployment roadmap for an offshore drilling contractor, including cybersecurity controls, human oversight, equipment integration, staff training, and measurable performance targets.

Training Methodology

- 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/automated-and-autonomous-drilling-systems-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.