

Phase 1: IT Fundamentals & Operations (Weeks 1–3)

Instructor: Kofi Gordor & Olushola

Session 1: Introduction to IT & Systems Engineering - (17th July)

Session 2: AI basics - (18th July)

Session 3: Operating Systems Fundamentals (24th July)

Session 4: Virtualization & Server Fundamentals (25th July)

Instructor: Olushola

Session 5: Networking Fundamentals I - (31st July)

Session 6: Networking Fundamentals II - (1st Aug)

Phase 2: Linux System Administration (Weeks 4–6)

Instructor: Donatus Dzissah / Kofi Gordor

Session 7: Linux Fundamentals (7th Aug)

Session 8: Linux CLI Essentials (8th Aug)

Session 9: Linux Administration (14th Aug)

Session 10: Monitoring & Troubleshooting (15th Aug)

Instructor: Donatus Dzissah

Session 11: Bash Scripting Fundamentals (21st Aug)

Session 12: Bash Automation Project (22nd Aug)

Phase 3: Systems Engineering & Web Services (Weeks 7–8)

Instructor: _____

Session 13: Web Server Fundamentals (28th Aug)

Session 14: Nginx Administration (29th Aug)

Instructor:

Session 15: Databases for Sysadmins (4th Sep)

Session 16: Monitoring & Logging (5th Sep)

Phase 4: Cloud Engineering (Weeks 9–10)

Instructor:

Session 17: AWS Fundamentals (11th Sep)

Session 18: AWS Networking (12th Sep)

Session 19: AWS Operations Services & Infrastructure Design Exercise (18th Sep)

Session 20: Docker Fundamentals (19th Sep)

Phase 5: DevOps Fundamentals (Weeks 11–12)

Instructor: Donatus Dzissah

Session 21: Version control (Git & GitHub) (25th Sep)

Session 22: CI/CD Fundamentals (26th Sep)

Session 23: Introduction to YAML (2nd Oct)

Session 24: GitHub Actions (3rd Oct)

Session 25: Final Capstone Project (9th Oct)