

MOBILE BROADBAND TRANSFORMATION BOOTCAMP

“Accelerate Your Expertise in High-Speed Mobile Networks and Next-Generation Broadband Solutions.”

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

With the rapid evolution of mobile broadband technologies, organizations and telecom professionals must adapt to deliver high-speed, reliable, and scalable connectivity. This bootcamp provides a comprehensive understanding of mobile broadband transformation, including LTE, 4G/5G networks, network optimization, and emerging broadband solutions.

Participants will gain hands-on experience in network planning, deployment strategies, and performance optimization, enabling them to drive transformation initiatives in mobile broadband environments.

Objectives

By the end of this course, participants will be able to:

- Understand the evolution from 3G/4G LTE to next-generation 5G networks.
- Design and deploy high-speed mobile broadband solutions.
- Optimize mobile broadband network performance for capacity and coverage.
- Analyze broadband traffic, QoS, and service quality metrics.
- Implement strategies for network transformation and technology upgrades.
- Evaluate and integrate emerging mobile broadband technologies and services.

Why Attend

Mobile broadband is critical for modern digital services and business operations. This bootcamp equips telecom engineers, network planners, and IT professionals with the skills to implement, optimize, and transform mobile broadband networks, ensuring competitive advantage and operational excellence.

Target Audience

This course is suitable for:

- Telecom engineers and network planners
- IT and infrastructure professionals in mobile broadband services
- Operations and technical staff involved in LTE/5G deployment
- Managers overseeing network transformation projects
- Professionals seeking up-to-date knowledge of mobile broadband technologies

Individual Benefits

- Gain comprehensive knowledge of mobile broadband technologies and evolution.
- Develop practical skills in network planning, deployment, and optimization.
- Enhance problem-solving and decision-making abilities for network transformation projects.
- Increase professional credibility and career advancement opportunities.
- Build confidence in handling high-speed mobile broadband projects.

Organizational Benefits

- Accelerate network transformation and technology adoption.
- Improve broadband service quality, coverage, and capacity.
- Reduce operational inefficiencies and downtime.
- Strengthen internal expertise in LTE/5G and mobile broadband technologies.
- Support strategic initiatives in digital services and connectivity expansion.

Instructional Methodology

- Interactive instructor-led sessions and workshops
- Hands-on lab exercises and real-world case studies
- Group discussions and problem-solving exercises
- Network simulation and optimization exercises
- Continuous feedback, Q&A sessions, and capstone project

Course Outline

Module 1: Evolution of Mobile Networks – From 2G to 5G

Module 2: LTE Architecture and Broadband Principles

Module 3: 4G/5G Deployment Strategies and Best Practices

Module 4: Network Performance Metrics, QoS, and Capacity Planning

Module 5: Mobile Broadband Optimization and Troubleshooting Techniques

Module 6: Integrating Emerging Broadband Technologies and IoT Applications

Module 7: Traffic Analysis and Resource Management in Broadband Networks

Module 8: Network Transformation Planning and Strategy

Module 9: Case Studies – Successful Mobile Broadband Transformations

Module 10: Capstone Project – Designing a Mobile Broadband Transformation Plan

Certification

Upon successful completion, participants will receive a Certificate in Mobile Broadband Transformation, validating their expertise in deploying, optimizing, and transforming high-speed mobile networks for enterprise and telecom environments.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training

Interested in running this course for your team?

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