

# Long Term Evolution (LTE) Radio Access Network (RAN) L18



# Learning Levels & Areas



## Fundamentals

LTE Fundamentals

LTE Fundamentals E-Learning

## Network Development

LTE Radio Network Base

LTE Radio Network Design and Tuning

LTE Access Transport Dimensioning and Security

LTE Performance Management and Optimization

LTE Solutions

## Network Operation

LTE Network Operation

LTE Network Operation with ENM

LTE Configuration and Troubleshooting

## Field Maintenance

LTE Field Maintenance

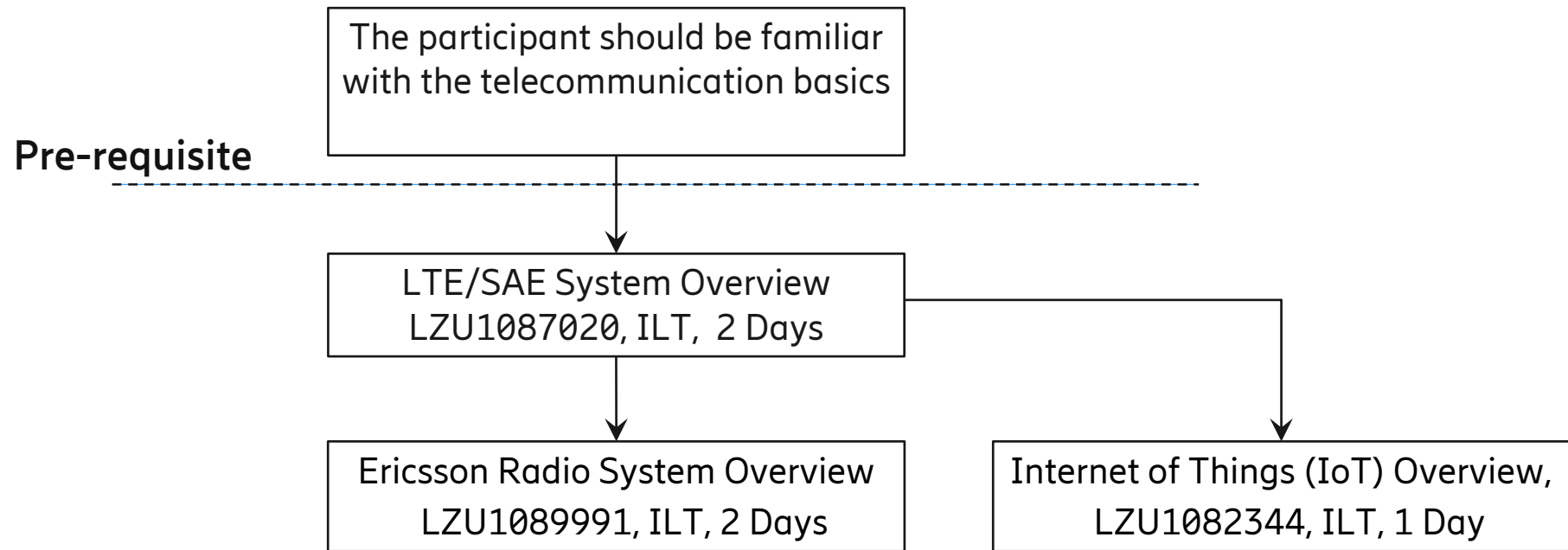
LTE Commissioning

## Delta Training

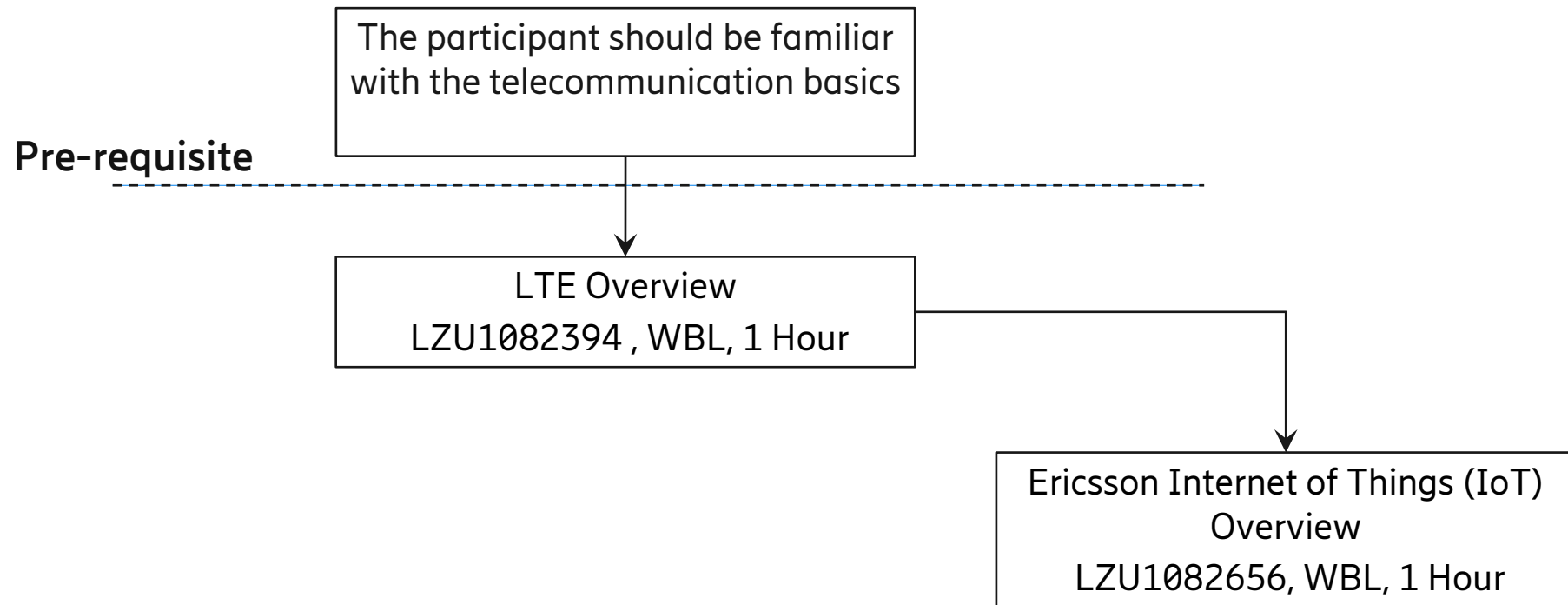
LTE L17 2017 Delta

LTE L18 2018 Delta

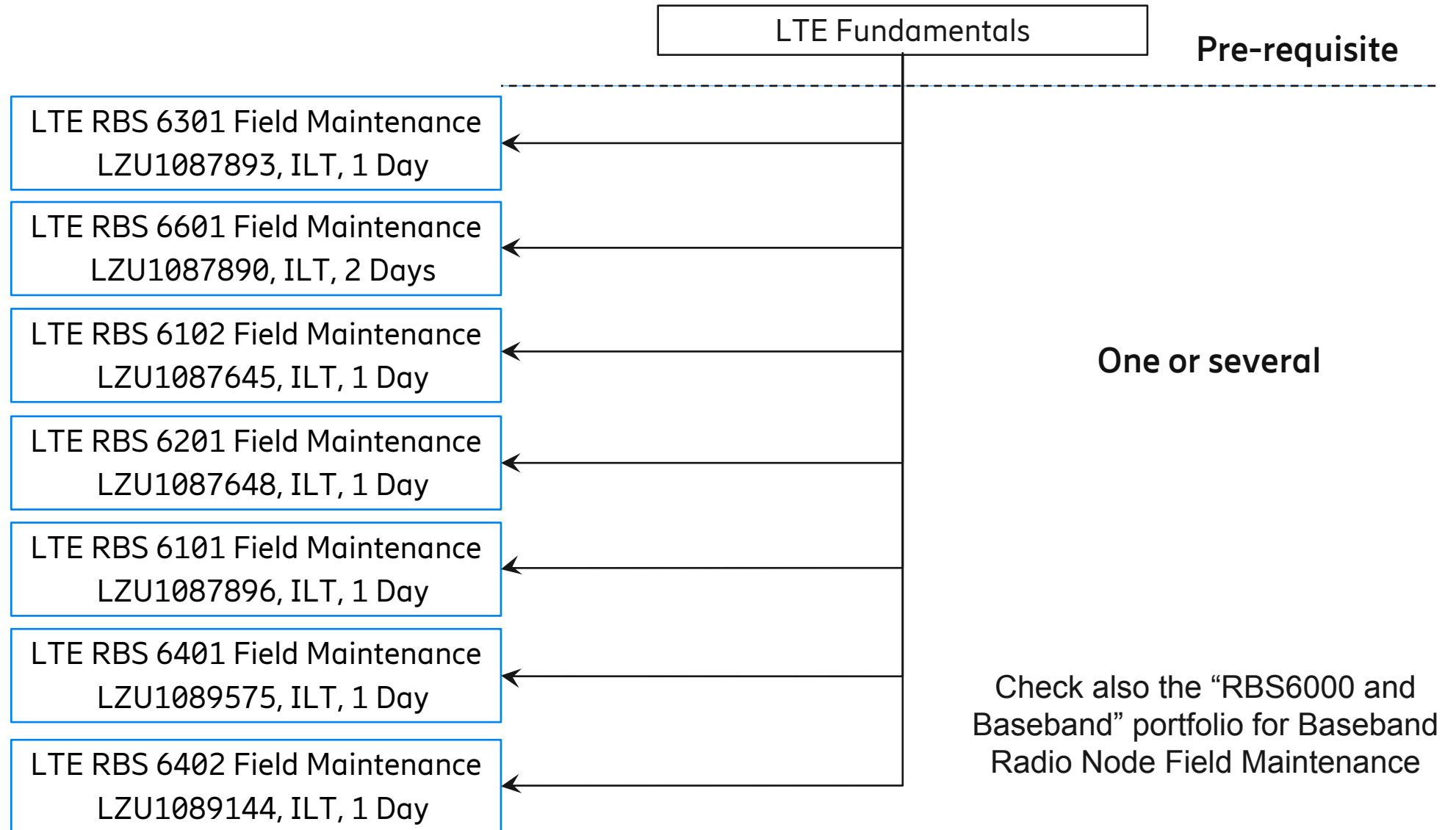
# LTE Fundamentals



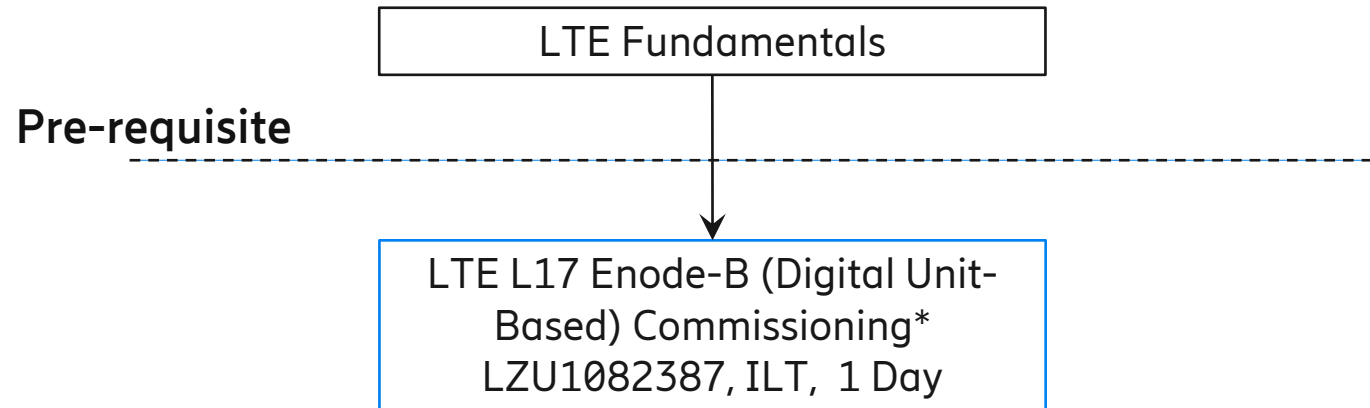
# LTE Fundamentals E-Learning



# LTE Field Maintenance

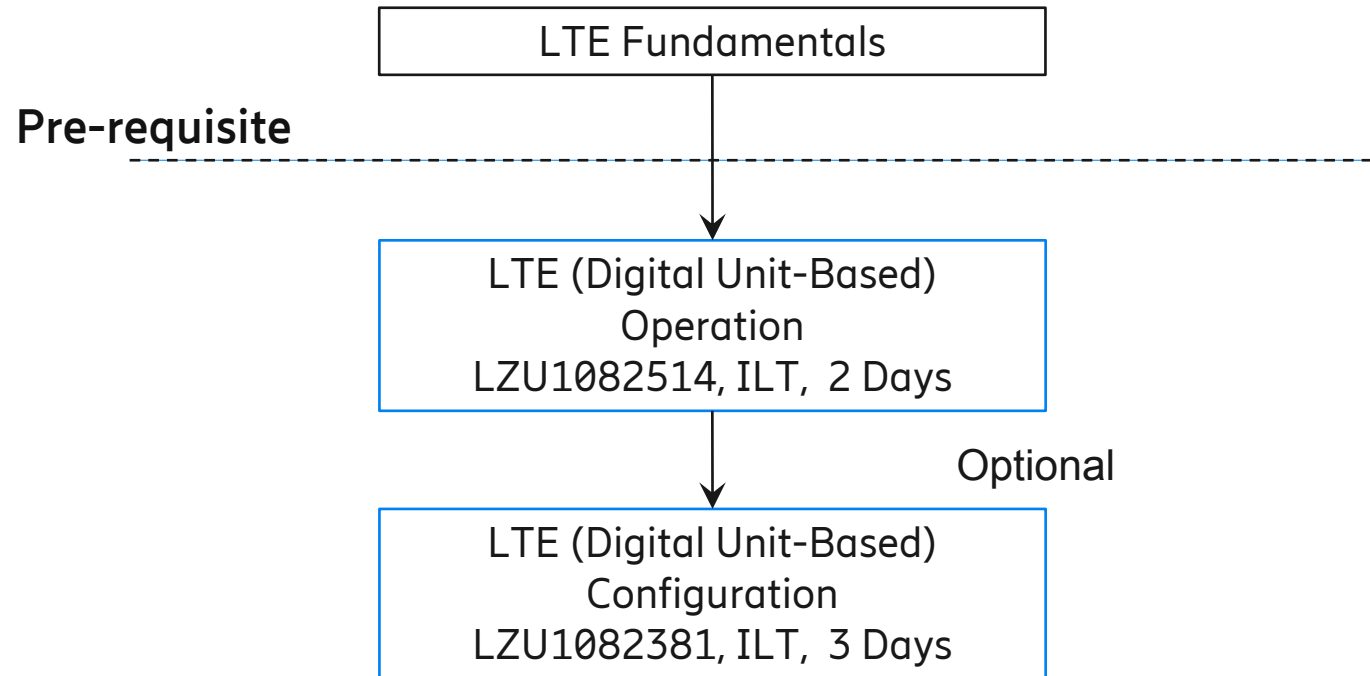


# LTE Commissioning

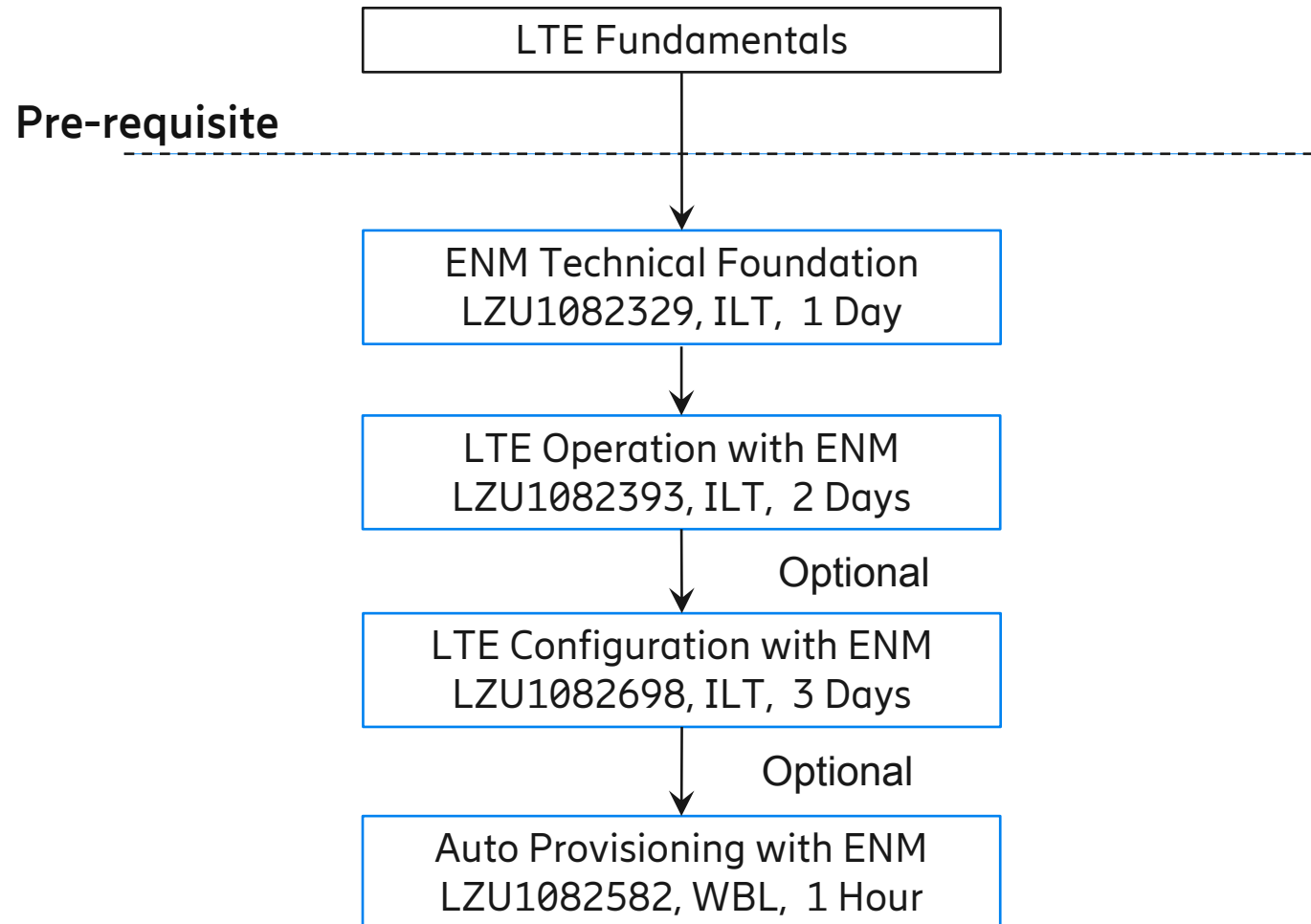


\*Check also the “RBS6000 and Baseband” portfolio for Baseband Radio Node based commissioning

# LTE Network Operation (with OSS-RC)

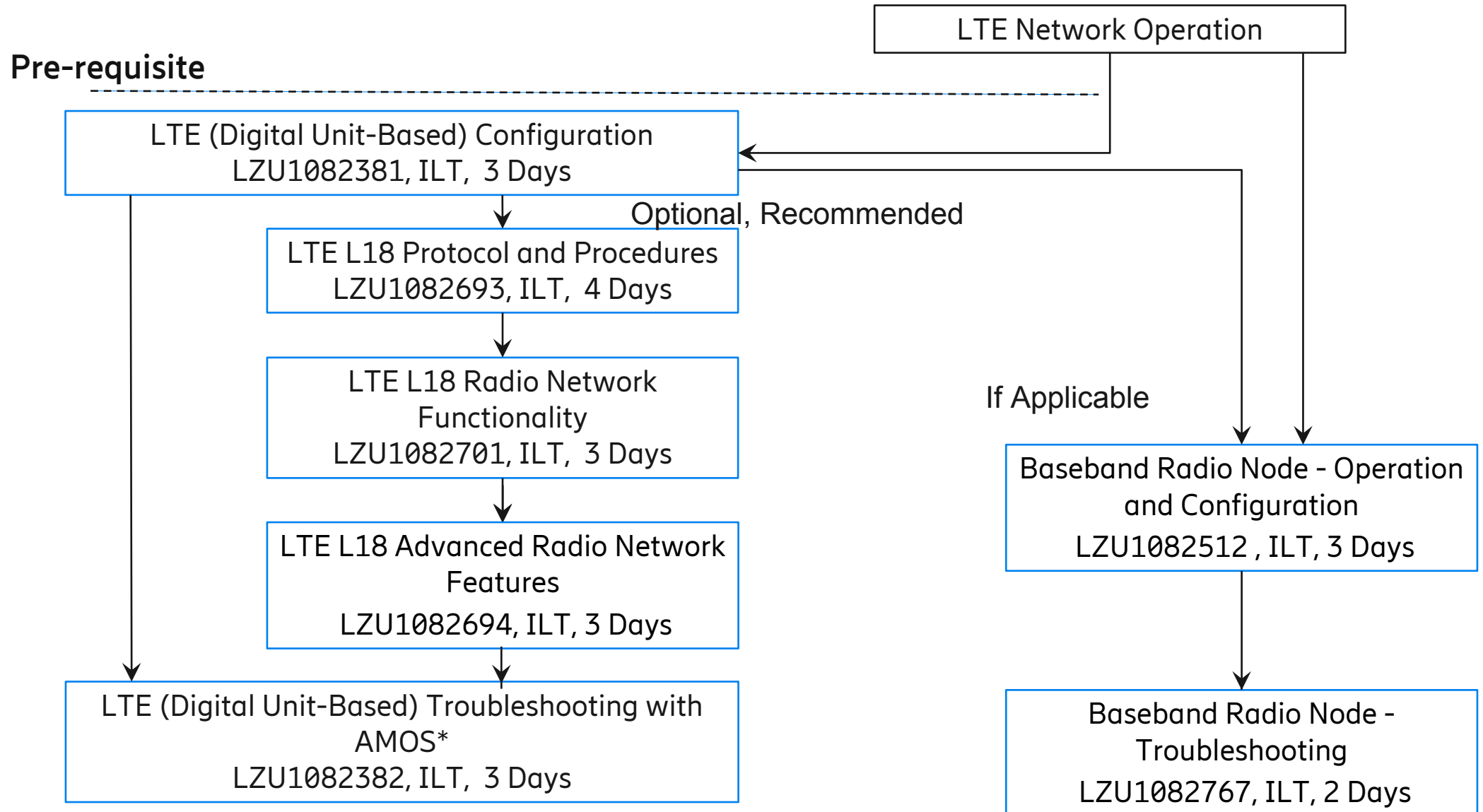


# LTE Network Operation (with ENM)

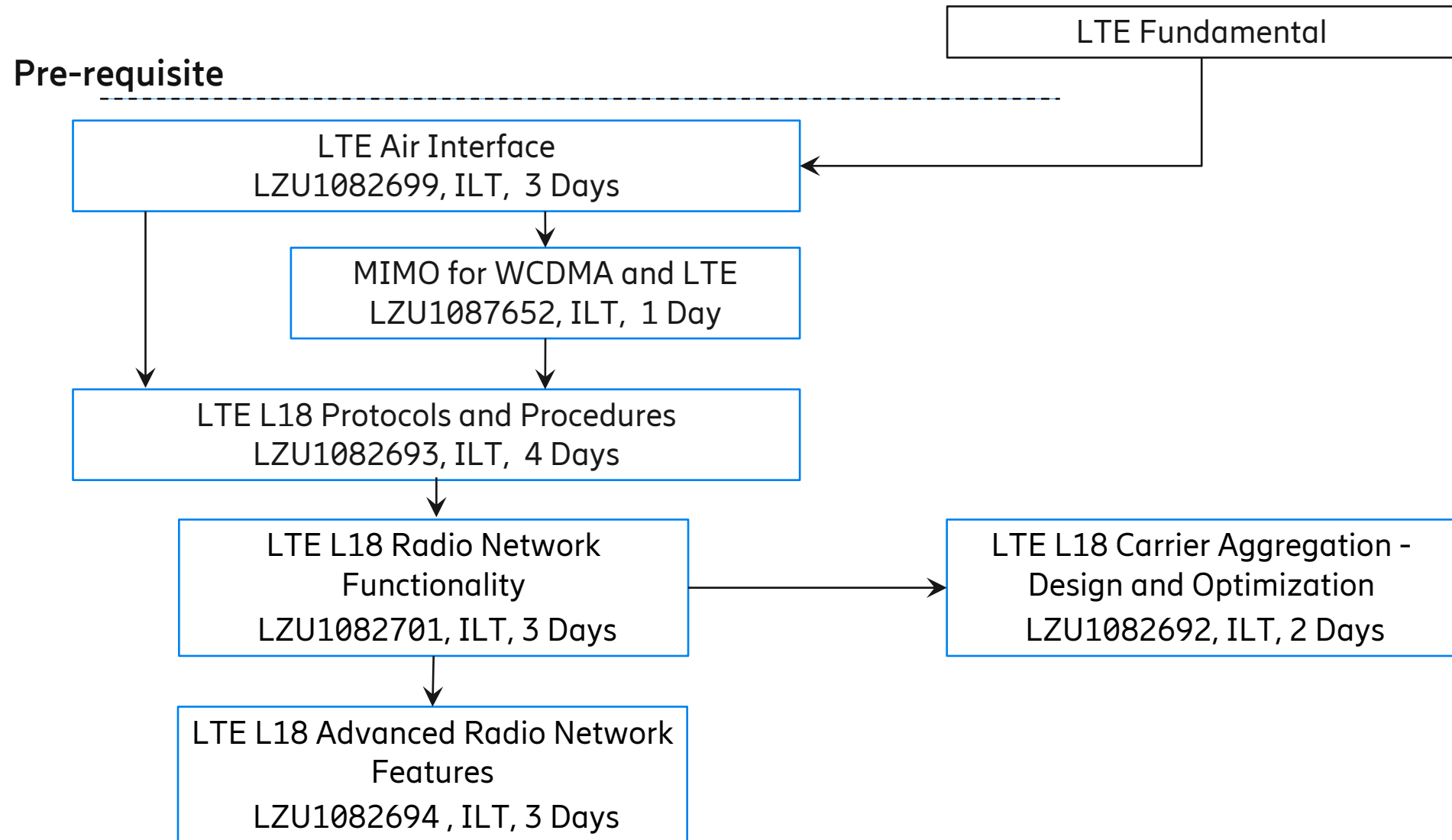




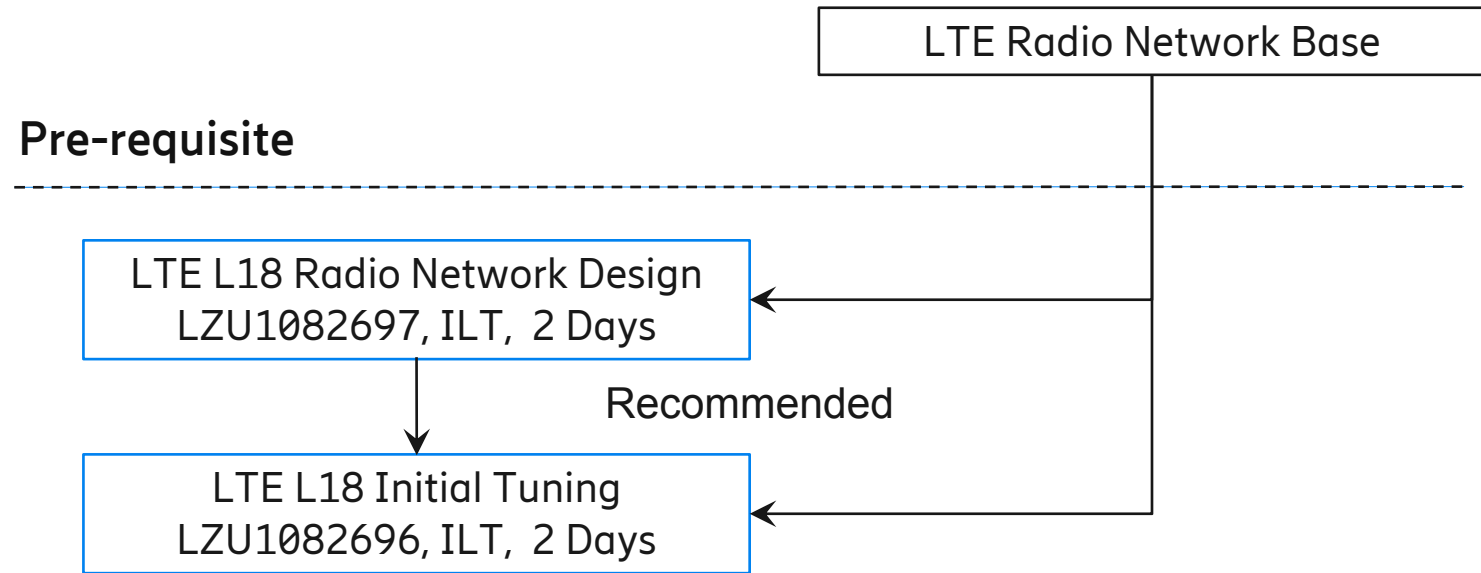
# LTE Configuration and Troubleshooting



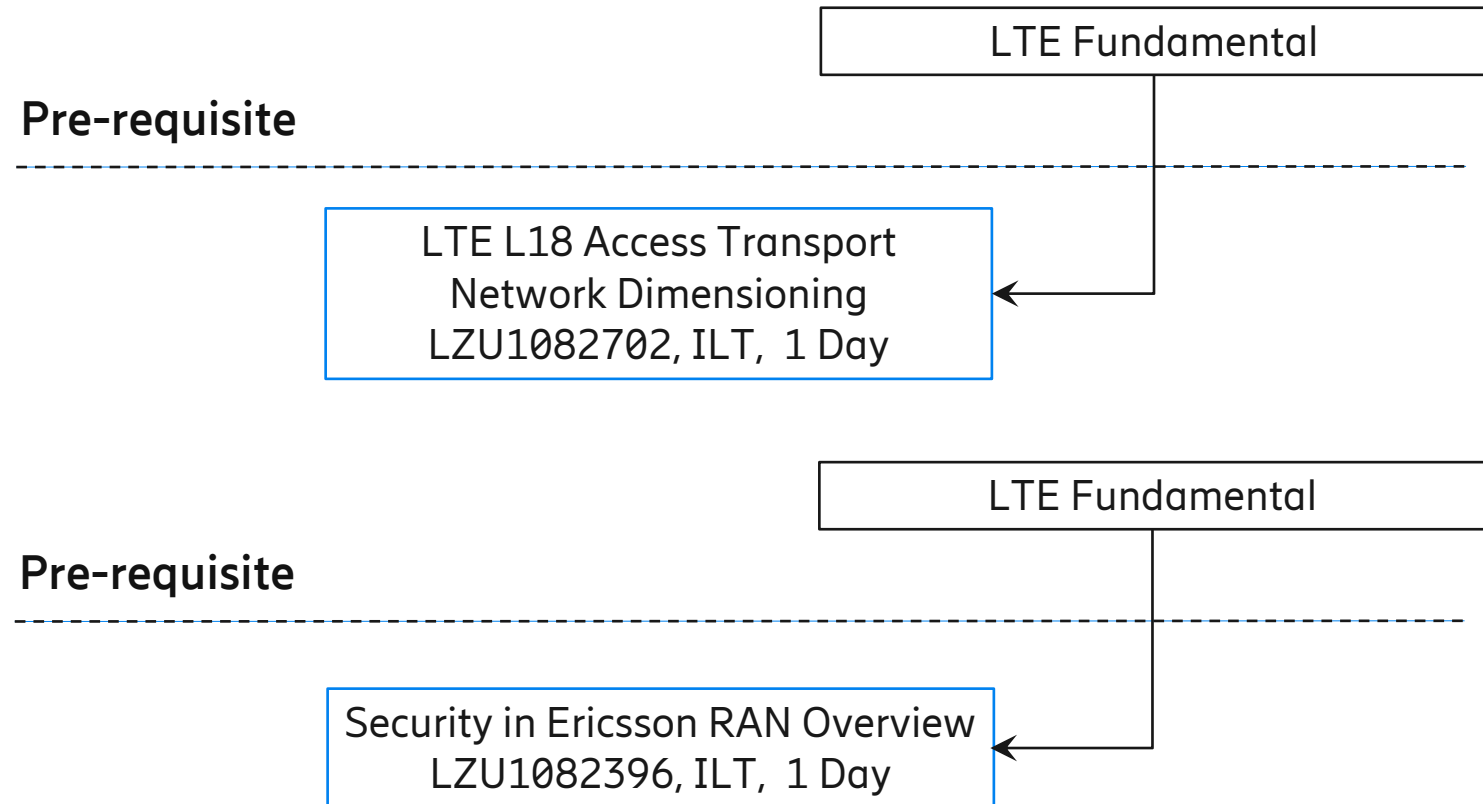
# LTE Radio Network Base



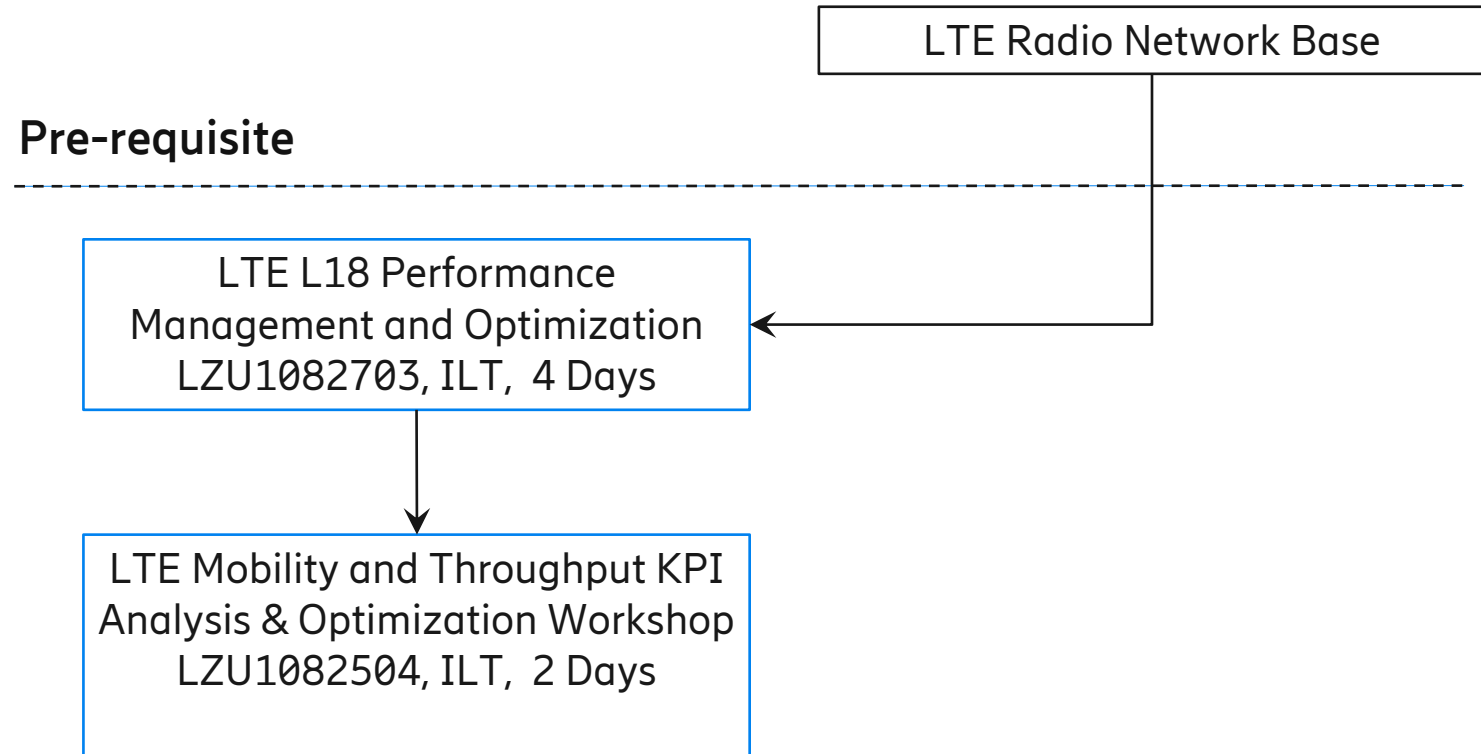
# LTE Network Design and Tuning



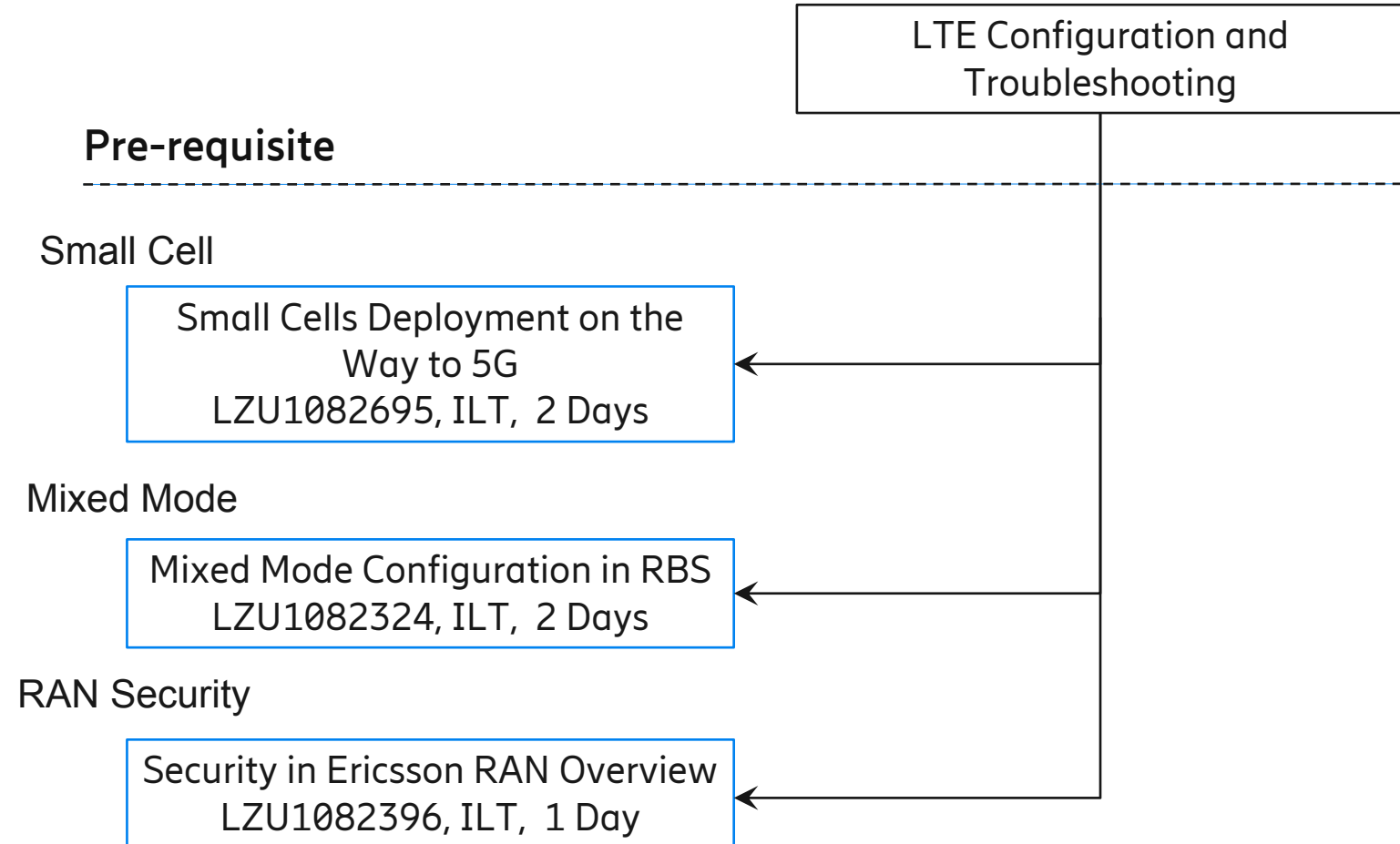
# LTE Access Transport Dimensioning and Security



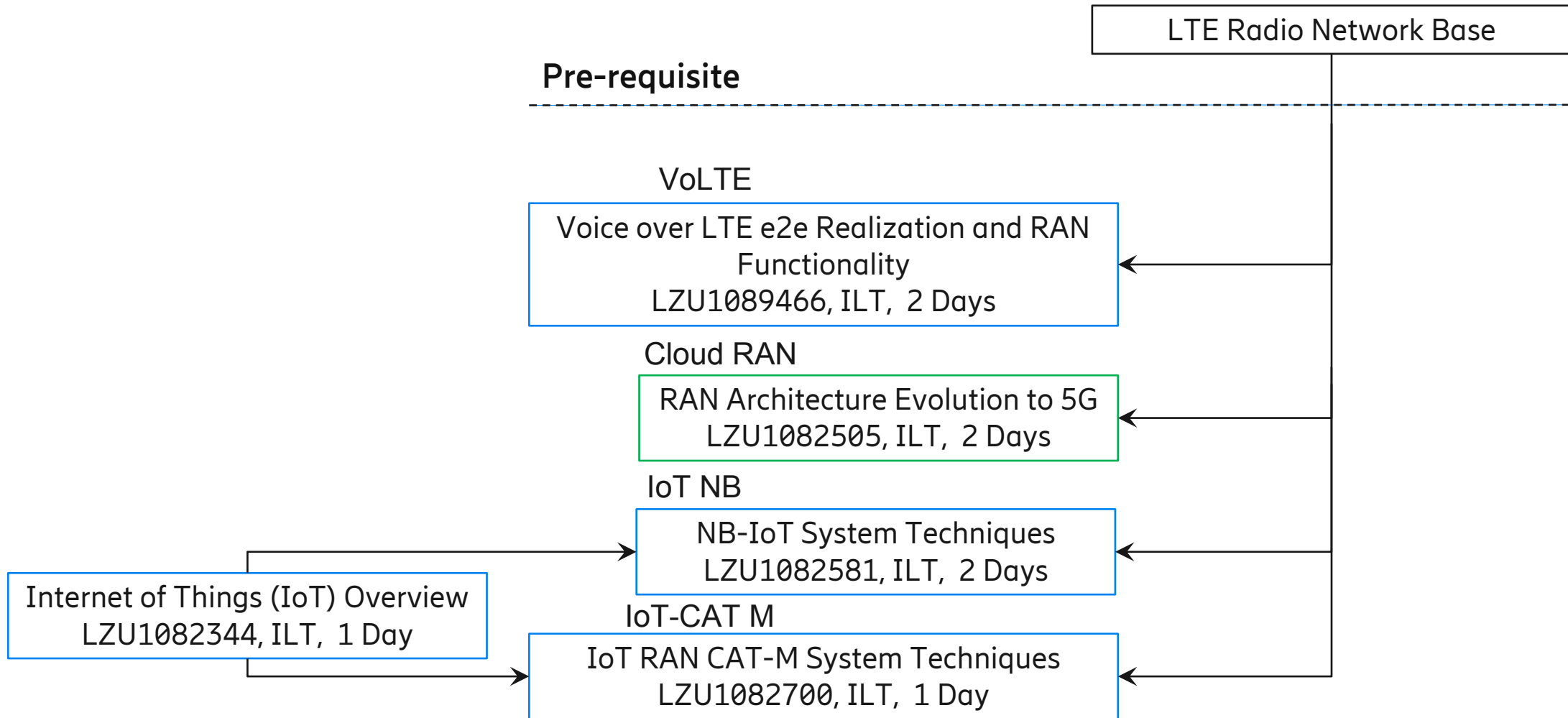
# LTE Performance Management and Optimization



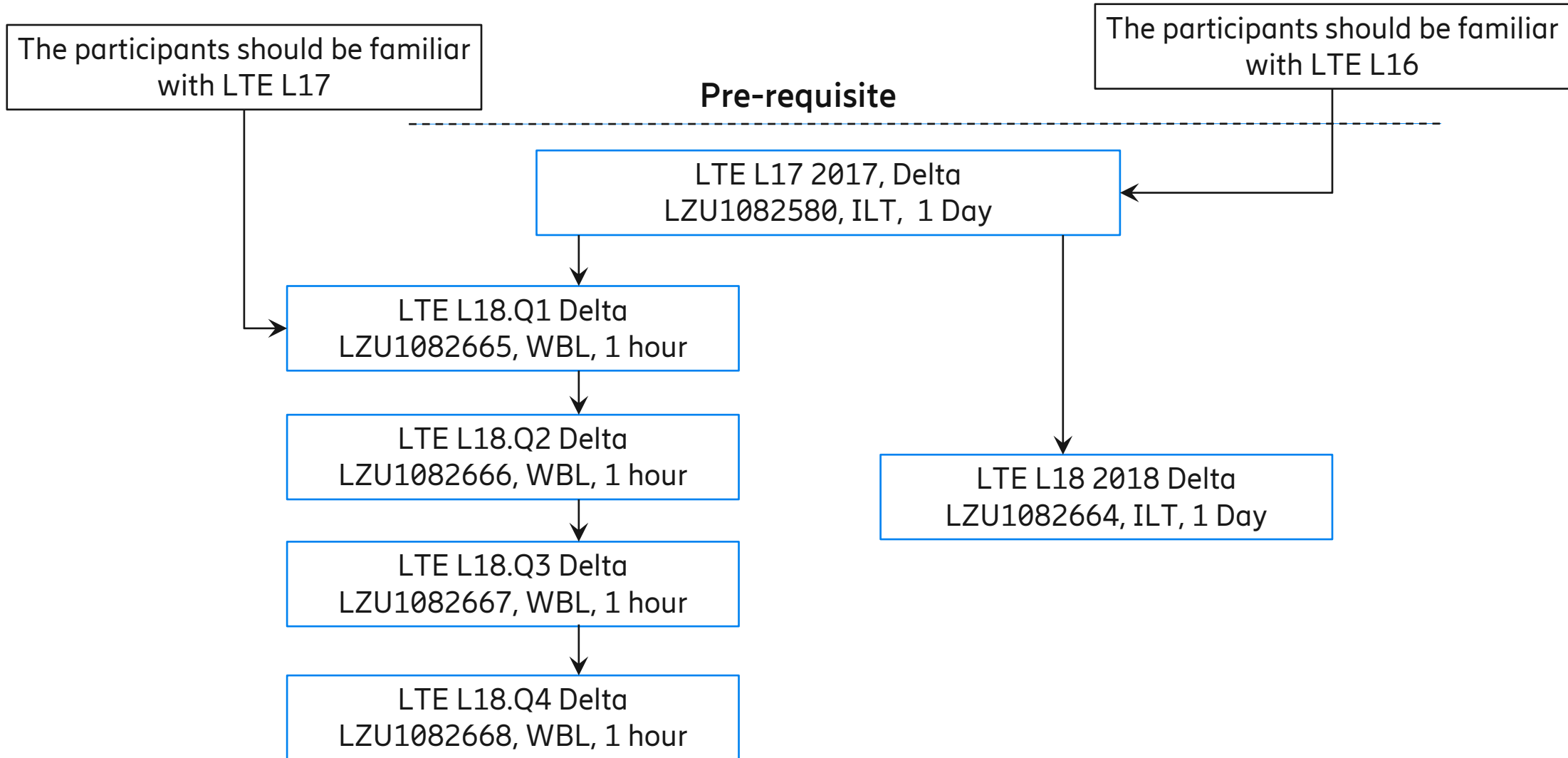
# LTE Solutions



# LTE Solutions



# LTE L16 to L17 to L18 Delta





# LTE 18 Learning Portfolio Summary (1)



Course Name	Course Identity	Length	Method
LTE/SAE System Overview	LZU1087020	2 Days	ILT
LTE Overview - WBL	LZU1082394	1 Hour	WBL
LTE L17 2017 Delta	LZU1082384	1 Day	ILT
LTE L18.Q1 Delta	LZU1082665	1 Hour	WBL
LTE L18.Q2 Delta	LZU1082666	1 Hour	WBL
LTE L18.Q3 Delta	LZU1082667	1 Hour	WBL
LTE L18.Q4 Delta	LZU1082668	1 Hour	WBL
LTE RAN 2018 Delta	LZU1082664	1 Day	ILT
LTE L18 Air Interface	LZU1082699	3 Days	ILT
LTE L18 Protocols and Procedures	LZU1082693	4 Days	ILT
LTE L18 Radio Network Functionality	LZU1082701	3 Days	ILT
LTE L18 Radio Network Design	LZU1082697	2 Days	ILT

# LTE 18 Learning Portfolio Summary (2)



Course Name	Course Identity	Length	Method
LTE L18 Initial Tuning	LZU1082696	2 Days	ILT
LTE L18 Advanced Radio Network Features	LZU1082694	3 Days	ILT
Voice over LTE e2e Realization and RAN Functionality	LZU1089466	2 Days	ILT
LTE L18 Performance Management and Optimization	LZU1022703	4 Days	ILT
LTE Mobility and Throughput KPI Analysis & Optimization Workshop	LZU1082504	2 Days	WS
LTE L18 Carrier Aggregation - Design & Optimization	LZU1082692	2 Days	ILT
RAN Architecture Evolution to 5G	LZU1082505	2 Days	ILT
Internet of Things (IoT) Overview	LZU1082344	1 Day	ILT
IoT RAN Cat-M System Techniques	LZU1082700	1 Day	ILT
NB-IoT System Techniques	LZU1082581	2 Days	ILT
Security in Ericsson RAN Overview	LZU1082396	1 Day	ILT

# LTE 18 Learning Portfolio Summary (3)



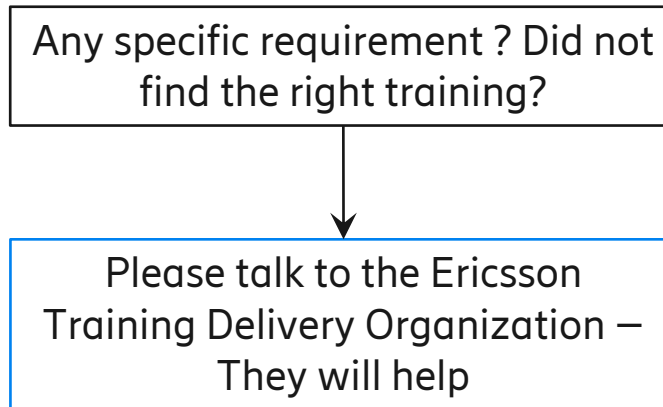
Course Name	Course Identity	Length	Method
LTE L18 Access Transport Network Dimensioning	LZU1082702	1 Day	ILT
Ericsson Radio System Overview	LZU1089991	2 Days	ILT
LTE L17 eNode B (Digital Unit -based) Commissioning	LZU1082387	1 Day	ILT
LTE RBS 6102 Field Maintenance	LZU1087645	1 Day	ILT
LTE RBS 6601 Field Maintenance	LZU1087890	1 Day	ILT
LTE RBS 6301 Field Maintenance	LZU1087893	1 Day	ILT
LTE RBS 6101 Field Maintenance	LZU1087896	1 Day	ILT
LTE RBS 6202 Field Maintenance	LZU1088285	1 Day	ILT
LTE RBS 6401 Field Maintenance	LZU1089575	1 Day	ILT
LTE RBS 6402 Field Maintenance	LZU1089144	1 Day	ILT
LTE RBS 6201 Field Maintenance	LZU1087648	1 Day	ILT

# LTE 18 Learning Portfolio Summary (4)



Course Name	Course Identity	Length	Method
LTE (Digital Unit – Based) Operation	LZU1082514	2 Days	ILT
LTE (Digital Unit - Based) Configuration	LZU1082381	3 Days	ILT
LTE (Digital Unit - Based) Troubleshooting with AMOS	LZU1082382	3 Days	ILT
LTE Operation with ENM	LZU1082392	2 Days	ILT
LTE Configuration with ENM	LZU1082698	3 Day	ILT
Auto Provisioning in ENM	LZU1082582	1 Hour	WBL
Baseband Radio Node – Operation and Configuration	LZU1082512	3 Days	ILT
Baseband Radio Node - Troubleshooting	LZU1082767	2 Days	ILT
Small Cells Deployment on the way to 5G	LZU1082695	2 Days	ILT
Mixed Mode Configuration in RBS	LZU1082324	2 Days	ILT

# Customized Training Solutions





[ericsson.com/ourportfolio/services/learning-services](https://ericsson.com/ourportfolio/services/learning-services)