

Standard training courses offered by Leliwa

TRAINING	DURATION	LEVEL*
TELECOMMUNICATIONS		
GSM/UMTS/LTE Basics	2-3 days	*
SS7 over IP (SIGTRAN)	2 days	***
Policy and Charging Control (PCC) Basics	1 day	*
Policy and Charging Control (PCC) Technology	3 days	***
CAMEL Operations & Parameters	2 days	***
VoIP Basics	1 day	*
VoIP Technology	2 days	**
5G		
5G Introduction	1 day	*
5G Technology	2 days	**
Internet of Things (IoT)	2 days	**
5G Solutions: MTC - eMTC	1 day	**
LTE/EPS		
LTE/IMS Basics	1 day	*
VoLTE Basics	1 day	*
VoLTE Technology	2 days	**
LTE/EPS Technology	2 days	**
Signalling in E-UTRAN/LTE	4 days	***
LTE Advanced E-UTRAN R10/R11	1 day	***
LTE Advanced E-UTRAN R10/R11/R12	3 days	***
Signalling in EPC/LTE	4 days	***
SIP/Diameter Signalling	1 day	***
LTE USIM/ISIM (delta)	1 day	***
E-UTRAN/LTE Counters & KPIs	1 day	***
LTE Radio Network Planning	2 days	***
Voice over Wi-Fi (VoWiFi) Basics	1 day	*
IMS/RCS		
RCS-e/Joyn Basics	1 day	*
RCS5/Joyn Basics	1 day	*
IMS/RCS Technology	2 days	**
SIP (Session Initiation Protocol) for IMS	1 day	**
GSM		
GSM Technology	2 days	**
Signalling in GSM BSS	4 days	***
Signalling System No. 7 in GSM	3 days	***
Radio Network		
GSM Cell Planning	3 days	**
GPRS		
GPRS/EGPRS Technology	2 days	**
Signalling in GPRS/EGPRS	4 days	***
UMTS		
UMTS Technology	2 days	**
WCDMA Air Interface	4 days	**
HSDPA/HSUPA Technology	2 days	**
TELEMETRY		
GPRS in modern Telemetry	2 days	***

Courses planned for Q4.2018:

Mobile Radio Basics - 2G/3G/LTE
 LTE R13/R14
 5G Technology (significant update)

* - basic; ** - intermediate; *** - advanced

