



Certificate Course in Advanced Spectrum Management
Week 1: Radio Spectrum Fundamentals

Monday	Tuesday	Wednesday	Thursday	Friday
9.00am-10.30am Radio Spectrum Engineering	9.00am-10.30am Mobile Services	9.00am-12.30pm Case Study (Coexistence and Sharing)	9.00am-10.30am Case Study (Satellite Communication Planning)	9.00am-12.00pm Examination 1
10.30am-11.00am Tea Break	10.30am-11.00am Tea Break	10.30am-11.00am Tea Break	10.30am-11.00am Tea Break	
11.00am-12.30pm Radio Propagation	11.00am-12.30pm Satellite Services	11.00am-12.30pm Case Study (Mobile Planning)	11.00am-12.30pm Case Study (Satellite Communication Planning)	12.00pm-1.00pm Lunch
12.30pm-2.00pm Lunch	12.30pm-2.00pm Lunch	12.30pm-2.00pm Lunch	12.30pm-2.00pm Lunch	
2.00pm-3.30pm Modulation	2.00pm-3.30pm Fixed Services	2.30pm – 5.30pm Case Stud-y (Mobile Planning)	2.00pm-3.30pm Case Study (Fixed Links Planning)	
3.30pm-4.00pm Tea Break	3.30pm-4.00pm Tea Break	3.30pm-4.00pm Tea Break	3.30pm-4.00pm Tea Break	
4.00pm-5.30pm Antennae	4.00pm-5.30pm Broadcasting & Other Services	4.00pm-5.30pm Case Study (Digital Broadcasting Planning)	4.00pm-5.30pm Case Study (Fixed Links Planning)	1.00pm Week 1 Session Ends



Certificate Course in Advanced Spectrum Management
Week 2: Radio Spectrum Harmonisation and Economics

Monday	Tuesday	Wednesday	Thursday	Friday
9.00am-10.30am ITU & Radio Regulations	9.00am-10.30am Spectrum Plan	9.00am-12.30pm Visit to KL Tower Radiocommunication Stations	9.00am-10.30am Spectrum Pricing	9.00am-10.30am Spectrum Trading
10.30am-11.00am Tea Break	10.30am-11.00am Tea Break		10.30am-11.00am Tea Break	10.30am-11.00am Tea Break
11.00am-12.30pm Border and Regional Technical Harmonisation	11.00am-12.30pm Standard Radio System Plan	12.30pm-2.00pm Lunch	11.00am-12.30pm Spectrum Auctioning I	11.00am-12.00pm Spectrum Re-farming
12.30pm-2.00pm Lunch	12.30pm-2.00pm Lunch		12.30pm-2.00pm Lunch	12.00pm-3.00pm Lunch
2.00pm-3.30pm Regional Planning & World Radio Conference(WRC)	2.00pm-3.30pm Assignment of Spectrum(SpMS)	2.30pm – 5.30pm	2.00pm-3.30pm Spectrum Auctioning II	3.00pm-5.00pm Examination 2
3.30pm-4.00pm Tea Break	3.30pm-4.00pm Tea Break		3.30pm-4.00pm Tea Break	
4.00pm-5.30pm Satellite Coordination	4.00pm-5.30pm Site Inspection & Verification	Visit to RTM(DVB-T)	4.00pm-5.30pm Tender & Beauty Contest	5.00pm Week 2 Session Ends



Certificate Course in Advanced Spectrum Management
Week 3: Radio Spectrum Control & Monitoring and Standardisation

Monday	Tuesday	Wednesday	Thursday	Friday
9.00am-10.30am International Monitoring and Control of Interference	9.00am-10.30am Spectrum Planning Tools [SpectraPlan & SpetraEMC(SKMM/LS Telecom)]	9.00am-12.30pm Visit to Cellular Mobile Base Station	9.00am-10.30am RFID & Other Low Power Devices	9.00am-10.30am Radio Proficiency: Radio Amateur, Ship Radio Operators and Aircraft Radio Operators
10.30am-11.00am Tea Break	10.30am-11.00am Tea Break		10.30am-11.00am Tea Break	10.30am-11.00am Tea Break
11.00am-12.30pm Domestic Control of Spectrum Interference	11.00am-12.30pm Case Studies of Spectrum Planning Tools [ChirplusBC(SKMM/LS Telecom)]	12.30pm-2.00pm Lunch	11.00am-12.30pm Monitoring System & Equipment including demo(SKMM/TCI)	11.00am-12.00pm RF Hazard
12.30pm-2.00pm Lunch	12.30pm-2.00pm Lunch		12.30pm-2.00pm Lunch	12.00pm-3.00pm Lunch
2.00pm-3.30pm Case Studies of Interference between Mobile and Mobile Services	2.00pm-3.30pm Overview & Components in Spectrum Monitoring (SKMM/R&S)	2.00pm-5.30pm Visit to Mobile WiMAX Base Station	2.00pm-3.30pm Standardisation & Certification	3.00pm-5.00pm Examination 3
3.30pm-4.00pm Tea Break	3.30pm-4.00pm Tea Break		3.30pm-4.00pm Tea Break	
4.00pm-5.30pm Case Studies of Interference between Fixed and Satellite Services	4.00pm-5.30pm Hands-on Experience with DCMU(SKMM/R&S)		4.00pm-5.30pm Malaysian Standards (MTFSB)	5.00pm Closing Ceremony Session Ends