

MTCWE

Course Name:	MTCWE
Course Duration:	16 hours
Requirements:	MTCNA
Who Should Take This Course:	Network engineers

Syllabus Course

Wireless Installations	CCQ	Access Management
Wireless routers	TX/RX Signal Strength	Access-List/Connect-List
RouterBoard Hardware	Frames and HW-frames	RADIUS
Wireless cards	Data-rates	Authentication
Antenna types	Wireless Advanced Settings	Encryption
Wireless Standard	Advanced Wireless Tab settings + LAB	EAP
802.11 a/b/g/n	WMM	Management Frame Protection
Bands and channel width	Country regulation settings	WDS and MESH
Frequencies	TX-power + LAB	Wireless WDS protocol + LAB
Wireless Tools	Virtual-AP	Dynamic/Static WDS
Wireless Tools + LAB	802.11n	Wireless Bridging
Scan	802.11n wireless protocol + LAB	Wireless Transparent Bridge + LAB
Frequency usage	Features	Nstreme Protocol
Spectral Scan/History	Data Rates	MikroTik Wireless Nstreme Protocol + LAB
Snooper	Channel bonding	Features
Align	Frame Aggregation	Configuration options
Sniffer	TX-power for N cards	Nstreme Dual
Wireless Troubleshooting	Chain settings	Troubleshooting
Troubleshooting wireless clients + LAB	Wireless link debugging	Nv2 Protocol
Registration table analysis	Wireless Security	MikroTik Wireless Nv2 Protocol + LAB
Ack-Timeout/Distance	Wireless Security Measures + LAB	Features
		Configuration options
		Troubleshootin