IMPULSE

MOXA TECHNICAL COLLEGE
TRAINING COURSE 2022

Moxa IES-L2

For junior administrators,
Advanced Course Candidates

Simple network design based on MOXA products: layer 2
networks, redundancy and management

Authorized
MOXA
Technical College
Training Center

2-6
Candidates

INSTRUCTOR
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Flipped Classroom Approach

Flipped learning is a pedagogical approach in which the conventional notion of classroom-based learning is inverted, so that students are introduced to the learning material before class, with classroom time then being used to deepen understanding through lecture and discussion with peers and problem-solving activities facilitated by teachers. Course material and other useful resources will be distributed in advance of the course taking place. Students should go through the material to develop a good understanding of the topics so that classroom time can be used to deepen the knowledge for the certification exam.

Course Agenda

Time	Topic	Duration
09:00 - 09:20	Introductions and Quick Test	20 min
09:20 - 10:20	How switches work	60 min
10:20 - 10:30	Break	10 min
10:30 - 11:10	Redundancy RSTP and Hands on	40 min
11:10 - 11:50	Redundancy Turbo Ring and Hands on	40 min
11:50 - 12:10	Redundancy Multiple Ring Topologies	20 min
12:10 - 12:30	Hands on: Ring Coupling	20 min
12:30 - 13:30	Lunch	60 min
13:30 - 14:10	Redundancy Turbo Chain and Hands on	40 min
14:10 - 15:00	VLAN and Hands on	50 min
15:00 - 15:30	Multicast	30 min
15:30 - 15:40	Break	10 min
15:40 - 16:00	Review	20 min
16:00 - 17:00	Exam	60 min
17:00 - 17:30	Results and Finish	30 min

Price
£850+vat

Exam fee (pp)
£25+vat

Standard MCNA training kit for 2-3 participants
£1250+vat

Prerequisites. Knowledge in networking is required. Industrial Ethernet Foundation (IES-F1) course is recommended.
Required Text. Layer-2 networking IES-L2 Powerpoint, Moxa Technical College.
Course Materials. Layer-2 Networking IES-L2 Powerpoint, Moxa Technical College.