IMPULSE

MOXA TECHNICAL COLLEGE
TRAINING COURSE 2022

Moxa IES-L 3

For Senior Administrators,
Network Integrators, Designers

Advanced network design based on Moxa products
layer 3 networks, VLANs, routing

Authorized MOXA® Technical College Training Center

2-6
Candidates

INSTRUCTOR
Matt Lundberg
TECHNICAL LEAD IIOT

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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 - 09:50	Router vs Switches & Inter VLAN Routing	30 min
09:50 - 10:20	Inter VLAN Routing Hands On	30 min
10:20 - 10:30	Break	10 min
10:30 - 11:30	Routing (Static and RIP)	60 min
11:30 - 12:00	Routing Hands On	30 min
12:00 - 12:30	Routing (OSPF)	30 min
12:30 - 13:30	Lunch	60 min
13:30 - 14:00	Routing Hands on	30 min
14:00 - 14:30	Multicast Routing	30 min
14:30 - 15:00	Virtual Route Redundancy Protocol	30 min
15:00 - 15:10	Break	10 min
15:10 - 15:40	Hands On	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 MCE L3 training kit for 2-3 participants
£1350+vat

Prerequisites. Knowledge in networking is required. "Industrial Ethernet foundation" (IES-F1) and "Layer 2 Networking" (IES-L2) courses are recommended.
Required Text. Layer 3 Networking IES-L3 PowerPoint, Moxa Technical College
Course Materials. Layer 3 Networking IES-L3 PowerPoint, Moxa Technical College