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## CCNA 2 R&S: Routing and Switching Essentials

### Course Overview

CCNA R&S: Routing and Switching Essentials (RSE) covers the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality.

By the end of the course, students will be able to:

- Determine how a router will forward traffic based on the contents of a routing table.
- Explain how switching operates in a small to medium-sized business network.
- Use monitoring tools and network management protocols to troubleshoot data networks.
- Configure monitoring tools available for small to medium-sized business networks.
- Configure initial settings on a network device.
- Configure Ethernet switch ports.
- Implement VLANs.
- Implement static routing.
- Implement DHCP on a router.
- Implement network address translation (NAT).
- Implement access control lists (ACLs) to filter traffic.

The course is the second of 4 courses in the Cisco CCNA Routing & Switching curriculum. The course includes activities using Packet Tracer, hands-on lab work, and a wide array of assessment types and tools.

Full Course Fee	£425
KHS Students and ex-students	£300
Full-time Students and unemployed	£360

Mr P Fuller  
CISCO Academy Manager