

# Certificate of Course Completion

*wiem hammemi*

has successfully achieved student level credential for completing the *CCNA: Switching, Routing, and Wireless Essentials* course.

The student was able to proficiently:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- Configure redundancy on a switched network using STP and EtherChannel.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.



*Lynn Bloomer*

Lynn Bloomer  
Director, Cisco Networking Academy