# Topics for  CCNA v 6.0 Course

| CCNA 1 Introduction to Network Course |
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| Exploring the Network |
| Configuration a Network Operating System |
| Network Protocols and Communications |
| Network Access |
| Ethernet |
| Network Layer |
| IP Addressing |
| Subnetting IP Networks |
| Transport layer |
| Application Layer |
| Build  a Small Network |
| **FINAL EXAM of 1$^{st}$  Module** |
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| **CCNA 2 Routing and Switching Essentials Course** |
| Routing concepts |
| Static Routing |
| Dynamic Routing |
| Switched Networks |
| Switch Configuration |
| VLANs |
| Access Control Lists |

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| DHCP |
| Network Address Translation for IPv4 |
| Device Discovery ,Management and Maintenance |
| **FINAL EXAM of 2$^{nd}$ Module** |
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| **CCNA 3 Scaling Network Course** |
| LAN Design |
| Scaling VLANs |
| STP |
| Ether Channel and HSRP |
| Dynamic Routing |
| EIGRP |
| EIGRP Tuning and Troubleshooting |
| Single-Area OSPF |
| Multi Area OSPF |
| OSPF Tuning and Troubleshooting |
| **FINAL EXAM of 3$^{rd}$ Module** |
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| **CCNA 4 Connecting Network Course** |
| WAN Concepts |
| Point-to-Point Connections |
| Branch Connections |

Access Control Lists

Network Security and Monitoring

Quality of Service

Network Evolution

Network Troubleshooting

**FINAL EXAM of 4<sup>th</sup> Module**