Course Content

Course Description:
The Cisco Certified Network Professional (CCNP®) Bootcamp is an 11-day course designed for Cisco® network engineers with a CCNA® background who wish to achieve CCNP certification in an accelerated time frame. This course is presented using a combination of lecture and lab activities and incorporates all the material a student needs to pass the SWITCH, ROUTE and TSHOOT exams.

Prerequisites:
- Cisco Certified Network Associate (CCNA®) certification
- Equivalent Routing and Switching Experience

Topics:

SWITCH 642-813
- Module 1: Analyzing Campus Network Designs
- Module 2: Implementing VLANs in Campus Networks
- Module 3: Implementing Spanning Tree
- Module 4: Implementing Inter-VLAN Routing
- Module 5: Implementing First Hop Redundancy in a Campus Environment
- Module 6: Implementing a Highly Available Network
- Module 7: Minimizing Service Loss and Data Theft in a Campus Network
- Module 8: Integrating Wireless LANs into a Campus Network
- Module 9: Accommodating Voice and Video in Campus Networks
-

ROUTE 642-902
- Module 1: Planning Routing Services to Requirements
- Module 2: Implementing an EIGRP based Solution

- Module 3: Implementing a Scalable Multiarea Network OSPF Based Solution
- Module 4: Implement an IPv4-based Redistribution Solution
- Module 5: Implementing Path Control
- Module 6: Connecting an Enterprise Network to ISP Networks

TSHOOT 642-832
- Module 1: Planning Maintenance for Complex Networks
- Module 2: Selecting Maintenance and Troubleshooting Tools and Applications
- Module 3: Planning Troubleshooting Processes for Complex Enterprise Networks
- Module 4: Maintaining and Troubleshooting Campus Switching Based Solutions
- Module 5: Maintaining and Troubleshooting Routing Based Solutions
- Module 6: Maintaining and Troubleshooting Network Security Solutions
- Module 7: Maintaining and Troubleshooting Integrated, Complex Enterprise Networks