**Course References:**

**Recommended Books:**

Text Books:

1. Network Essential Notes GSW MCSE Study Notes

2. Internetworking Technology Handbook CISCO System

3. Data and Computer Communication 8th Edition – William Stallings

4. Official Certification guide CCNA 200-301

5. TCP/IP Sockets in JAVA, Practical Guide for Programmers, Kenneth L Calvert, Michael J Donahoo

**Reference Books:**

1. Data Communication and Networking Behroz A.Forouzan, TMH, 4th Edition

2. Computer Networks and Internets with Internet Applications Douglas Comer

3. Cryptography and Network Security Atul Kahate, TMH 2nd Edition

4. Internetworking With TCP/IP Vol III: Client-Server Programming And Applications BSD Socket Version Second Edition

**Recommended Learning Material:**

1. https://docs.oracle.com.javase/tutorial/networkingindex.html

2. https://docs.oracle.com/javase/tutorial/networking/overview/networking.html

**Recommended Certifications:**

1. CISCO Networking Basics Specialization (Coursera) -

2. Network Protocols and Architecture (Coursera)

3. Data Communications and Network Services (Coursera)

4. Computer Networking-Digital Network Security ([www.alison.com/course](http://www.alison.com/course))

5. CCNA (200-301)

6. CCNP Enterprise (300-401 ENCOR)

7. CCNP Security (300-700 SCOR +concentration exam)

8. CCIE Enterprise Infrastructure(300-401 ENCOR + Infrastructure lab v1.0)

9. CCIE Enterprise Wireless CCIE +(300-401 ENCOR +wireless lab v1.0)

10. Microsoft Networking Fundamentals (98-366) 11. Microsoft Security Fundamentals (98-367)