

Modules With Details	#Days	Pre-requisites
1. Advanced C	25	C
2. Data Structures	13	C
3. Unix (Linux) Internals	15	Advanced C, DS
4. Network programming	6	C, OS
5. Datacom (TCP/IP)	26	C, OS, Network Programming
Embedded System Programming(RTOS VxWorks/uCOS/pSOS)	15	C, OS
6. Real Life Projects		
6.1 CPU Usage and Overload Detection & Action	5	C, OS/RTOS
6.2 Memory Usage and Overload Detection&Action	5	C, OS/RTOS
6.3 Character Driver Implementation	5	C, OS/RTOS
6.4 Pseudo Driver implementation	5	C, OS/RTOS
6.5 DHCP client	15	C, OS/RTOS, TCP/IP
6.6 SMTP client	15	C, OS/RTOS, TCP/IP
6.7 DNS client (UDP)	15	C, OS/RTOS, TCP/IP
6.8 WGET client	5	C, OS/RTOS, TCP/IP
6.9 FTP client	15	C, OS/RTOS, TCP/IP
6.10 POP3 Client	15	C, OS/RTOS, TCP/IP
6.11 SNTP client	15	C, OS/RTOS, TCP/IP
6.12 TFTP client	15	C, OS/RTOS, TCP/IP
BSP (Board Support Package) Development		