Course Title:	**Linux System Administration 201**
Duration:	Five (5) Days
Class Schedule:	9:00am to 5:00pm
Target Participants:	Government and Private I.T. Personnel, Members of the Academe and College Graduates of Computer Science and I.T. related courses.
Total Hours:	35 Hours

Course Contents:

Topic 201: Linux Kernel

201.1 Kernel Components
201.2 Compiling a kernel
201.3 Patching a kernel
201.4 Customise, build and install a custom kernel and kernel modules
201.5 Manage/Query kernel and kernel modules at runtime

Topic 202: System Startup

202.1 Customising system startup and boot processes
202.2 System recovery

Topic 203: Filesystem and Devices

203.1 Operating the Linux filesystem
203.2 Maintaining a Linux filesystem
203.3 Creating and configuring filesystem options
203.4 udev Device Management

Topic 204: Advanced Storage Device Administration

204.1 Configuring RAID
204.2 Adjusting Storage Device Access
204.3 Logical Volume Manager

Topic 205: Networking Configuration

205.1 Basic networking configuration
205.2 Advanced Network Configuration and Troubleshooting
205.3 Troubleshooting network issues
205.4 Notify users on system-related issues

Topic 206:System Maintenance

206.1 Make and install programs from source
206.2 Backup operations

Topic 207: Domain Name Server

207.1 Basic DNS server configuration (BIND)
207.2 Create and maintain DNS zones
207.3 Securing a DNS server

(Course Content Based on the Linux Professional Institute Certification)