

## Course Outline



### NDG Linux Essentials

Topic	Topics	Objective
Topic 1	The Linux Community and a Career in Open Source	<ul style="list-style-type: none"><li>• Linux Evolution and Popular Operating Systems</li><li>• Major Open-Source Applications</li><li>• Open-Source Software and Licensing</li><li>• ICT Skills and working in Linux</li></ul>
Topic 2	Finding Your Way on a Linux System	<ul style="list-style-type: none"><li>• Command Line Basics</li><li>• Using the Command Line to Get Help</li><li>• Using Directories and Listing Files</li><li>• Creating, Moving and Deleting Files</li></ul>
Topic 3	The Power of the Command Line	<ul style="list-style-type: none"><li>• Archiving Files on the Command Line</li><li>• Searching and Extracting Data from Files</li><li>• Turning Commands into a Script</li></ul>
Topic 4	The Linux Operating System	<ul style="list-style-type: none"><li>• Choosing an Operating System</li><li>• Understanding Computer Hardware</li><li>• Where Data is Stored</li><li>• Your Computer on the Network</li></ul>
Topic 5	Security and File Permissions	<ul style="list-style-type: none"><li>• Basic Security and Identifying User Types</li><li>• Creating Users and Groups</li><li>• Managing File Permissions and Ownership</li><li>• Special Directories and Files</li></ul>