Course: Complete Guide to Installing and Using Bluestar Linux (2025 Edition)

Module 1: Introduction to Bluestar Linux

1.1 What is Bluestar Linux?

Bluestar Linux is an Arch-based distribution designed for desktop users who seek performance, customization, and modern aesthetics. It includes the latest KDE Plasma desktop and is preconfigured with multimedia, development, and productivity software.

1.2 Homepage and Download Links

- Homepage: https://bluestarlinux.org
- Download: https://bluestarlinux.org/downloads.html

Module 2: System Requirements

2.1 Minimum Requirements

- CPU: 64-bit Intel or AMD
- RAM: 4 GB minimum (8 GB recommended)
- Storage: 30 GB of free disk space
- GPU: Integrated or Dedicated GPU
- USB: 4 GB+ USB drive
- Internet: Required for updates

Module 3: Preparing for Installation

3.1 Download Bluestar ISO

- Visit: https://bluestarlinux.org/downloads.html
- Select your preferred ISO (Desktop or Developer edition)

3.2 Create Bootable USB

Windows:

- Use Rufus https://rufus.ie

Linux/macOS:

```
sudo dd if=bluestar-linux.iso of=/dev/sdX bs=4M status=progress && sync
```

3.3 BIOS/UEFI Setup

- Enable USB boot
- Disable Secure Boot (if necessary)
- Set USB as first boot device

Module 4: Booting into Bluestar Linux

4.1 Boot from USB

- Select "Start Bluestar Linux Live"
- Wait for KDE Plasma desktop to load

4.2 Explore Live Session

- Verify hardware: Wi-Fi, touchpad, display, audio
- Try preinstalled applications and KDE features

Module 5: Installing Bluestar Linux

5.1 Start the Installer

- Double-click **Install Bluestar Linux**

5.2 Choose Language, Region & Keyboard

- Select your locale settings

5.3 Partitioning Options

Automatic:

- Select "Erase disk and install Bluestar"

Manual (Advanced Users):

- `/boot` (512 MB, FAT32)

- `/` (ext4 or btrfs): Root partition
- `swap` (optional): 2 GB or more

5.4 User Configuration

- Create username and password
- Set computer name
- Enable auto-login (optional)

5.5 Begin Installation

- Click Install and wait for completion

Module 6: Post-Installation Tasks

6.1 First Boot

- Remove USB
- Boot into your new Bluestar Linux system

6.2 Update System

```
sudo pacman -Syu
```

6.3 Install Popular Software

```
sudo pacman -S firefox vlc libreoffice gimp steam
```

6.4 Enable AUR (Optional)

```
yay -S package-name
```

Module 7: Best Use Cases for Bluestar Linux

7.1 Daily Driver

- Stable and responsive KDE desktop

- Regular package updates from Arch

7.2 Multimedia and Productivity

- Comes with audio/video editing tools pre-installed

7.3 Development Work

- Suitable for coding and compiling
- Developer edition includes extra tools

Module 8: Maintenance and Tips

8.1 Keep Your System Updated

```
sudo pacman -Syu
```

8.2 Backup Your System

- Use `Timeshift` or `rsync`

8.3 Use KDE Settings for Personalization

- Appearance > Themes, Icons, Fonts
- Configure shortcuts, workspaces, widgets

Course Summary

✅You have learned:

- How to install Bluestar Linux
- Post-installation tips and system maintenance
- Best use cases and software for performance

♑Download Bluestar Linux: https://bluestarlinux.org/downloads.html

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