Course: Complete Guide to Installing and Using TUXEDO OS (2025 Edition)

Module 1: Introduction to TUXEDO OS

1.1 What is TUXEDO OS?

TUXEDO OS is a Linux distribution developed by TUXEDO Computers, based on Ubuntu with the KDE Plasma desktop environment. It's optimized for performance, security, and full hardware compatibility—especially with TUXEDO laptops and PCs, but it can be used on any compatible hardware.

1.2 Homepage and Download Link

- Homepage: https://www.tuxedocomputers.com/OS
- Download: https://www.tuxedocomputers.com/en/Infos/Downloads.tuxedo#os

Module 2: System Requirements

2.1 Minimum Requirements

- CPU: 64-bit Intel or AMD processor
- RAM: 4 GB (8 GB+ recommended)
- Disk: 30 GB available storage
- GPU: Intel, AMD, or NVIDIA
- USB: 4 GB+ USB Drive
- Internet: Required for updates and online tools

Module 3: Preparing Installation Media

3.1 Download the ISO File

- Choose the latest TUXEDO OS ISO from the official download page.

3.2 Create a Bootable USB Drive

On Windows:

- Use Rufus: https://rufus.ie

On Linux/macOS:

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

3.3 BIOS/UEFI Configuration

- Enable USB Boot
- Disable Secure Boot if needed
- Set USB as the first boot priority

Module 4: Live Environment and Testing

4.1 Booting into TUXEDO OS

- Insert the USB and restart your system
- Choose "Try TUXEDO OS without installing"

4.2 Test System Compatibility

- Wi-Fi, Bluetooth, sound, trackpad, graphics
- Browse preinstalled software

Module 5: Installing TUXEDO OS

5.1 Start Installation

- Double-click the "Install TUXEDO OS" icon

5.2 Choose Your Language and Keyboard Layout

5.3 Select Time Zone and Region

5.4 Disk Setup

Automatic:

- Choose "Erase disk and install TUXEDO OS"

Manual Partitioning (Advanced):

- `/boot` (512 MB, FAT32)
- `/` (ext4 or btrfs - remaining space)
- `swap` (optional, size depends on RAM)

5.5 User Creation

- Set username, password, and computer name
- Option to encrypt home directory

5.6 Begin Installation

- Click "Install Now"
- Wait for the process to complete

Module 6: Post-Installation Configuration

6.1 First Boot

- Remove USB, boot into your new OS

6.2 System Update

```
sudo apt update && sudo apt upgrade -y
```

6.3 Install Additional Software

```
sudo apt install vlc gimp libreoffice steam
```

6.4 Enable Flatpak (Optional)

```
sudo apt install flatpak
```

Module 7: Best Use Cases of TUXEDO OS

7.1 Developers and Power Users

    • Full Linux toolkit with performance focus
    • Supports development stacks and IDEs

7.2 KDE Plasma Lovers

    • Modern, elegant desktop experience with powerful customization

7.3 Privacy-Focused Users

    • Open-source, European-developed OS with privacy in mind

7.4 Gamers

    • Steam support, Lutris and Wine work well

Module 8: Maintenance and Optimization

8.1 System Updates

```
sudo apt update && sudo apt upgrade
```

8.2 KDE Settings

    • Appearance > Global Themes, Fonts, Icons
    • Configure Power Settings and Shortcuts

8.3 Backup

    • Use `Timeshift` or `Deja Dup` for easy backup

Course Summary

✅You've learned:

    • How to download, install, and configure TUXEDO OS

- Best use cases and post-installation practices
- System maintenance and software management

🔗Download TUXEDO OS: https://www.tuxedocomputers.com/en/Infos/Downloads.tuxedo#os

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