HURBAD
Institute of Technology

CompTIA A+ Core 1

1.0 – Mobile Devices

STUDY PLAN

USBUUCA 1AAD

MODULE 01 – SET UP MOBILE DEVICES AND PERIPHERALS

1. CompTIA A Core 1 – 220-1101 – Exam Objectives
2. Download Course Material
3. Mobile-First World
4. Mobile Devices Form Factors
5. Liquid Crystal Displays (LCD)
6. Light-emitting diodes (LED)
7. Mobile Display Components
8. iTUS – Search Your Mobile Device Screen Type
9. Mobile Device Accessories
10. iTUS – Touchpads, Trackpads
11. iTUS – Styles Pens
12. iTUS – Microphone, Speakers, and Camera-Webcam

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MODULE 02 – MOBILE DEVICE NETWORKING

1. Wi-Fi Networking
2. iTUS – Enabling and Disabling Wi-Fi
3. iTUS – Enabling and Disabling Airplane Mode
4. Cellular Data Networking
5. iTUS – Cellular Data and Mobile Hotspots
6. Mobile Device Wired Connection Methods
7. Smartphone and Tablet Connectors
8. Bluetooth and NFC Wireless Connections
9. iTUS – Enabling and Pairing Bluetooth
10. Port Replicators and Docking Stations

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MODULE 03 – CONFIGURE MOBILE DEVICE APPS

1. Mobile Apps
2. iOS Apps
3. Android Apps
4. Account Setup
5. Online Accounts
6. Microsoft 365 Account
7. Google Workspace Account
8. Apple iCloud Account
9. Types of Data to Synchronize
10. AutoDiscovery
11. Corporate and ISP Email Configuration
12. Synchronization Methods
13. iTUS – Synchronization in Action
14. Enterprise Mobility Management
15. Two-factor Authentication (2FA)
16. Location Services

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MODULE 04 – INSTALL AND CONFIGURE LAPTOP HARDWARE

1. Hand Tools and Parts
2. iTUS – Tools of the trade
3. Form Factors and Plastics, Frames
4. iTUS – Disassemble Plastics Frame and LCD Replacement
5. iTUS – Laptop Hinges
6. AC Adapters
7. Battery Power
8. iTUS – Laptop Battery and Power Adapter
9. Field-Replaceable Units (FRU)

10. Upgrading RAM Modules
11. iTUS – Laptop RAM Upgrade or Replacement
12. Upgrading Adapter Cards
13. iTUS – Upgrading Adapter Cards
14. Disk Upgrades and Replacement
15. Laptop Hard Drive Form Factor
16. iTUS Laptop Hard Disk Upgrade
17. Keyboard and Touchpad Replacement
18. iTUS – Laptop Keyboard Replacement
19. Biometric Security Components
20. iTUS – Windows Hello Security