



OVERVIEW OF WIRELESS TECHNOLOGIES

Do you have an interest in leaping and jumping? If yes, then let us jump back in the late 1980s, where Telecommunication Professionals and Computer literate Bodies are still intensifying, learning, enhancing their expertise in the new brave world of computer and communication. Concept of paperless office is going to be common. Some people are discouraging with their statements that paperless office is as likely as paperless latrine. But today's successors were early adaptors of that change. Same things are going to happen again and tomorrow's successor will adopt the change today with same infantile vivaciousness.

Now this is the time of wireless, professionals those are constantly involved in change are moving towards wireless without any doubt in their mind because this is essential for their job/work sustainability.



USES IN WIRELESS COMMUNICATION



1) Wearable Technologies



2) Notebook Computers

Microsoft

3) Digital Organizers and PDA



4) Wireless LAN



5) Wireless WAN



6) Wireless Application Protocol



Marvel System
Where knowledge matters

CERTIFICATE IN WEARABLE TECHNOLOGIES

- ❖ Introduction
- ❖ Motivation
- ❖ Glossary & acronyms
- ❖ History
- ❖ Technology
- ❖ Output methods
- ❖ Input methods
- ❖ CPU Unit
- ❖ Power
- ❖ Connections
- ❖ Personal Assistant
- ❖ Wrist Computer
- ❖ Wearable PC
- ❖ Personal Enhancement
- ❖ Augmented Reality
- ❖ Virtual Applications
- ❖ Smart Clothing
- ❖ Land Warrior
- ❖ Ports and Standards
- ❖ Maintenance and care
- ❖ Security and Integration
- ❖ Acceptance & future
- ❖ Conclusion
- ❖ Case Studies
- ❖ Assignments and Projects
- ❖ Workshop & Demonstrations
- ❖ Hands outs and Hands on

CERTIFICATE IN NOTEBOOK COMPUTERS

- ❖ Introduction
- ❖ Motivation
- ❖ Glossary & acronyms
- ❖ History
- ❖ Technology
- ❖ CPU Unit
- ❖ SDRAM/DDRAM/RDRAM
- ❖ 1.8 HD/Portable Jacket
- ❖ Pen Drives, PCMCIA Drives/USB Drives
- ❖ Shock Mounted
- ❖ Aluminum, Plastic etc. encased
- ❖ Shock, Water, Dust resistance
- ❖ Power, Batteries, Chargers, connectors
- ❖ Touch Sensitive Displays, LCD, Styles
- ❖ Build in, Infra, Bluetooth, GPRS/GSM/GPS/Wireless LAN
- ❖ CD/DVD/Writer/Combo-Drives, FD
- ❖ Ports and Standards
- ❖ Maintenance and care
- ❖ Security and Integration
- ❖ Acceptance & future
- ❖ Conclusion
- ❖ Case Studies
- ❖ Assignments and Projects
- ❖ Workshop & Demonstrations
- ❖ Hands outs and Hands on



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Where knowledge matters

CERTIFICATE IN DIGITAL ORGANIZERS AND PDA

- ❖ Introduction, Motivation
- ❖ Glossary & acronyms
- ❖ History, Technology
- ❖ CPU Unit, Shock Mounted
- ❖ Aluminum, Plastic etc. encased
- ❖ Shock, Water, Dust resistance
- ❖ Power, Batteries, Chargers, connectors
- ❖ Touch Sensitive Displays, LCD, TFT, Styles
- ❖ Build in, Infra, Bluetooth,
- ❖ GPRS/GSM/GPS/Wireless LAN, Mobile Application
- ❖ FM Radio, TV, Thumb Recognition, Voice Tag, Voice Integration
- ❖ Handwriting and Drawing object recognition
- ❖ OS and its Features
- ❖ Mobile Phone, Desktop,
- ❖ Laptop, Integration and Links
- ❖ Accessories and Emerging Technologies
- ❖ Ports and Standards
- ❖ Maintenance and care
- ❖ Security and Integration
- ❖ Acceptance & future
- ❖ Conclusion, Case Studies
- ❖ Assignments and Projects
- ❖ Workshop & Demonstrations
- ❖ Hands outs and Hands on

CERTIFICATE IN WIRELESS WAN

- ❖ Introduction
- ❖ Motivation
- ❖ Glossary & acronyms
- ❖ History, Technology
- ❖ AMPS, GSM, GPRS, GPS, PCS, I-Mode, CDPD, CDMA, W-CDMA, Cordless
- ❖ Satellite Phone, Edge, 3G, EOTD, HSCSD
- ❖ Home RF, Intelligent Nodes, J2ME, LAS-CDMA, MexE, MMDS, TDMA
- ❖ Installation and Configuration W-WAN Application & Environment
- ❖ Radio Spectrum
- ❖ W-WAN ITU and other Standards
- ❖ Basic Phone, Enhanced Phone, Smart Phone
- ❖ W-WAN Notebook, W-WAN Desktop
- ❖ Ports and Standards
- ❖ Maintenance and care
- ❖ Security and Integration
- ❖ Acceptance & future
- ❖ Conclusion, Case Studies
- ❖ Assignments and Projects
- ❖ Workshop & Demonstrations
- ❖ Hands outs and Hands on



Marvel System
Where knowledge matters

CERTIFICATE IN WIRELESS APPLICATION PROTOCOL

- ❖ Introduction
- ❖ Motivation
- ❖ Glossary & acronyms
- ❖ History
- ❖ Technology
- ❖ WAP Resources
- ❖ WAP Development Toolkits
- ❖ WAP Gateway
- ❖ WAP & Web
- ❖ WML
- ❖ WML Script
- ❖ Multiple Devices Using XML, XSLT
ASP & WAP
- ❖ Cold fusion & WAP
- ❖ Conversion of web to WAP
- ❖ WAP & Directory Services
- ❖ WTA
- ❖ Voice XML
- ❖ Push Technology
- ❖ Security and Integration
- ❖ Acceptance & future
- ❖ Conclusion
- ❖ Case Studies
- ❖ Assignments and Projects
- ❖ Workshop & Demonstrations
- ❖ Hands outs and Hands on