



Module # 1, [Compact] Mobile Programming certification course

Total Course Time	:	12 weeks (Approximately 5 to 7 hours weekly)
Total Training Fees	:	\$ 200
Payment Terms	:	\$ 200 Full one time payment or 3 easy installments of \$ 100 every 4 weeks.

The Compact Certification Course is aimed towards people who want to get a quick and intensive training in wireless technologies.

The course teaches JavaMe (J2ME) the leading and most popular mobile technology language.

J2ME currently runs on billions of mobile phones and offers a host of opportunities as it is being used very widely across all mobile software companies.

Salient features of the course

- Web based interactive course is perfect for the working executives and full time students.
- Learn from the comfort of your home at any time of your convenience
- Work on live commercial projects
- Get certification / work experience for the full tenure of the course.
- You can Interact with our parent company's (Chakra Interactive) engineers and development team for better grasp of the concepts.

Content of the Content

1. Introduction to Mobile Phone Programming
 - (a) Evolution of the Mobile Phones, Networks, and Services

- . Mobile Phone Family
 - . The Flexible Mobile Phone
 - (b) Wireless Technologies and Architectures
 - . Cellular Communication Systems
 - . Short-Range Communication Systems
 - (c) Mobile Application Deployment
2. Java 2 Micro Edition
- (a) Java Family Overview
 - (b) J2ME Platform.
 - . Less Capable Devices: Targeting CLDC
 - . More Capable Devices: Targeting CDC
 - . Networking Support
 - . Optional Packages
 - . Java Technology Standardization
 - (c) Development Environment
 - . Java Development Kit.
 - . NetBeans IDE
 - . Eclipse IDE
 - . J2ME Plug in for IDEs
 - . Developing MIDP Applications for CLDC
 - . Developing CDC Applications
 - (d) Application Examples
 - . Wireless Messaging API : Sending SMS
 - . Mobile Multimedia API : Audio Player
 - . Communication : Downloading Documents with GCF

. XML Parsing : Parsing RSS

3. Mobile Fragmentation and Porting

(a) Mobile Fragmentation causes and solutions

(b) Smart Porting techniques

(c) Introduction to porting tools

(d) Creation of a porting tool

4. Industrial Project

(a) To create a project in company with a group of Industry professionals.