



## Developing Mobile Applications using Java Micro Edition (Java ME) Course Syllabus

### Course Description:

Upon the completion of this course, trainees will gain knowledge of how to design, develop, and deploy Java mobile applications with the Java Micro Edition (Java ME). The course covers the basics of canvas based applications, form based applications, persistent storage and Network programming on the mobile device.

### Prerequisite Courses:

- Java Programming
- Advanced Java Programming

### Course Objectives:

- To familiarize the trainees with developing and deploying mobile applications.
- To enable the trainees to work with graphics animation on the mobile.
- To enable the trainees to build up forms and store data on the mobile.
- To enable the trainees to connect to the world wide web and retrieve data from a web page.
- To familiarize the trainees with using other vendor-specific emulators.

### Topics:

- Introduction to Java ME Environment.
- Packaging and deploying applications with Java ME.
- Rich Graphics Content and Animation with Canvas.
- Handling user input.
- Forms and Items.
- Storing persistent data using Record Store Management System (RMS).
- Generic Connection Framework (GCF).
- Accessing the web from Mobile.