

## **ORC 2510 Oracle System Administration I**

This course will cover Oracle 11g/10g features. This course is the first step toward success as an Oracle professional, designed to give students a firm foundation in basic Oracle database administrative tasks. This class presents an in-depth coverage on Oracle internal structures, the database administrative tools, backup and recovery procedures, user management, and management of database logical and physical layouts.

### **Course Objectives**

After successfully completing this course, students will be able to:

- Understand and describe Oracle database architecture, including the logical database layouts, the physical database layouts, the internal memory structures, and the process structures
- Use Oracle DBA Tools
- Create and maintain an Oracle instance
- Manage tablespace, segments, extents, control file, and data files
- Create and manage users, privileges, roles, and resources
- Manage tables and storage
- Work with integrity constraints
- Perform database backup, recovery, import, export