



Wayne County Community College District

COURSE SYLLABUS

CIS 247 ORACLE DATABASE ADMINISTRATOR II

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:

In this class, the students will learn how to configure an Oracle database for multilingual applications. Students will practice various methods of recovering the database, using RMAN, SQL, and Flashback technology. They will use tools to monitor and improve database performance.

PREREQUISITE: *CIS 246*

EXPECTED COMPETENCIES:

Upon successful completion of this course, the student will be able to:

- Exploring the Oracle Database Architecture
- Preparing the Database Environment
- Creating an Oracle Database
- Enhancing Database Capabilities
- Configuring the Oracle Network Environment
- Managing Database Storage Structures
- Administering User Security
- Managing Schema Objects
- Managing Data and Concurrency
- Managing Undo Data
- Backup and Recovery Concepts

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E