

**DELAWARE TECHNICAL & COMMUNITY COLLEGE  
COLLEGEWIDE COURSE SYLLABUS**

|                                  |   |                |
|----------------------------------|---|----------------|
| <b>CAMPUS:</b>                   | TERRY   |                |
| <b>DEPARTMENT:</b>               | Computer Information Systems  |                |
| <b>COURSE NUMBER AND TITLE:</b>  | CIS 262 Database Backup, Recovery, Tuning   |                |
| <b>INSTRUCTOR NAME:</b>          | <b>TELEPHONE:</b>   | <b>E-MAIL:</b> |
| <b>PREREQUISITES:</b>            | CIS 261   |                |
| <b>COREQUISITES:</b>             | None  |                |
| <b>COURSE HOURS AND CREDITS:</b> | 4 Credits - 3 Hours Lecture/Week<br>2 Hours Lab/Week  |                |
| <b>COURSE DESCRIPTION</b>        | This course offers a thorough coverage to one of the enterprise level relational databases such as Oracle and will focus on back-up and recovery tools and techniques . The course provides preparation for professional certifications such as the Oracle DBA II Certification Exam (#120-034) |                |
| <b>TEXT:</b>                     | Department approved textbook(s)...  |                |
| <b>MATERIALS:</b>                | None  |                |
| <b>METHOD OF INSTRUCTION:</b>    | Lecture, demonstration, laboratory assignments and evaluations.   |                |
| <b>MANUAL(S):</b>                | None  |                |
| <b>DISCLAIMER:</b>               | None  |                |

---

**College wide Core Course Performance Objectives**

The student will be able to:

1. Demonstrate an understanding of a recover manager. (CC6, 1.PGC4, 1)
2. Demonstrate an understanding of recovery from user errors. (CC 1, 6, 1, 2 PGC 4, 1)
3. Describe Storage management. (CC6, 2 PGC 4, 1)
4. Be able to use Diagnostic tools. (CC 2, 6 PGC 1, 4)

### **Measurable Performance objectives**

- 1-Be able to describe a tool for data recovery.
  - 2-Be able to explain space management.
  - 3-Demonstrate how to backup the database.
  - 4-Demonstrate how to recover from user errors
  - 5-Demonstrate how to handle block corruption.
  - 6-Be able to use a scheduler tool.
  - 7-Be able to explain a database recourse manager.
- 

### **Evaluation Criteria/Policies**

1. Students will demonstrate proficiency on all measurable performance objectives at least to the 75% level to successfully complete the course.
2. The letter grade will be determined using the College Grading System:

#### Grade Point Value Explanation

|   |          |   |
|---|----------|---|
| A | 92 - 100 | Student meets the measurable objectives in an outstanding manner.   |
| B | 83 - 91  | Student meets the measurable objectives in an above average manner. |
| C | 75 - 82  | Students meets the measurable objectives.                           |
| R | 0 - 74   | Student does not meet the measurable objectives.                    |

3. In order to achieve the maximum benefit from this course of instruction, the student is responsible for attending scheduled classes, completing all readings and instructor handouts, and completing all computer assignments.
4. Each student is required to complete all programs (the programs will be evaluated using a published programming standard), assignments and examinations. Students who miss classes are expected to get missed assignments from the instructor and missed lecture notes from another student. Any student having difficulty will be expected to seek individual instructional aid from the instructor by appointment.
5. The instructor will announce the schedule for two written tests. Your final grade in this

course will be based on the following:

Two tests 50%

Assignments/projects 50%

**Students should refer to the Student Handbook for information on Academic Standing Policy, Academic Honesty Policy, Student Rights and Responsibilities and other policies relevant to their academic progress**