

Advanced Database PL/SQL

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“No Child Left Unchallenged”

Course Description

Advanced Database Management – will use the database design skills obtained in Database I to develop functional databases. The course will incorporate the creation of the database tables, programming database tables for data integrity, data input forms, methods for using data that resides in a database and discuss how to manipulate the database with procedures, functions, exception handling, cursors and triggers.

Topics to be Covered

- Database Design
- Database Development
- SQL DML
- Manipulating Data in PL/SQL
- Transaction Control Statements
- Conditional Control
- Explicit Cursors
- Handling Exceptions
- Procedures / Functions
- Presentation Skills

Prerequisites and Corequisites

- Successful Completion of 6670
- Work well with others
- Work well independently
- Positive attitude and conduct

Course Earnings

This is a weighted credit course.

Grading

Year Grading

- 20% Period 1
- 20% Period 2
- 10% Mid Term
- 20% Period 3
- 20% Period 4
- 10% Final

Grading Period Breakdown:

30% Quizzes and Tests

20% Projects

50% Assignments

- Projects and Assignments are due on their specified date. Only excused absences will be accepted. In this case, the work is due on the next scheduled class meeting.
- Students (themselves) are responsible for missed work; this includes inquiry and completion. Parents are responsible for seeing that their child learns to take this responsibility; it will prove invaluable as growth and maturity are instilled.

Grade Scale

A	93 - 100
B+	90 - 92
B	84 - 89
C+	81 - 83
D+	71 - 73
D	65 - 70

Required Materials:

- 3 ring binder (of your selection, large enough to store material for the entire class year)
- Flash Drive minimum storage 1Gig and a method to back up your USB storage