

Database Management Oracle

Ms. Drake (drakegd@pwcs.edu)

“No Child Left Unchallenged”

Course Description

Database Management - ORACLE: will incorporate the Oracle Academy into the course. The Oracle Academy is designed to educate secondary students on the fundamentals of Database and Internet Technology as well as provide students with the necessary skills to pursue academic and professional opportunities. At the conclusion of Year 1 from the Oracle Academy, students will be able produce an entity relationship diagram, to program in SQL and be prepared for the SQL Programmer Exam.

Oracle Academy I - Year 1, Course I & II:

Students will learn about Career opportunities in database administration, Database fundamentals and how they relate to E-Business and the Internet and SQL Database language in order to earn an entry level Oracle Certification.

Topics to be Covered

- Database Modeling
- Database Design
- Normalization
- Database Development
- Presentation Skills
- SQL Programming Language
 - Select Statement
 - Data Definitions
 - Data Manipulations
 - Data Controls

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: (percentages will change in later grading periods)

- 30% Quizzes and Tests
- 40% Projects
- 30% Assignments

BattlefieldIT.org

BattlefieldRobotics.org

SEAPerchPWCS.org

- 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 backup for USB Drive