

Information Technology and Administrative Management Department
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 Information Technology & Administrative Management Central Washington University	IT 468 Projects in Database Course Syllabus - 4 credits
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Course Description and Rationale: This course is designed to provide individuals with a complete introduction to database concepts and the relational database model. Topics include QBE, SQL, normalization, design methodology, DBMS functions, database administration, and other database management approaches, such as client/server databases, object oriented databases, and data warehouses. At the completion of this course, students should be able to understand a user's database requirements and translate those requirements into a valid database design.

Learner Outcomes:

Learner Outcome	Assessment
Demonstrate an understanding of terminology used in database management	Exams
Demonstrate an understanding of relational models	Assignments and Exams
Demonstrate an understanding of QBE and SQL	Assignments and Exams
Demonstrate an understanding of Normalization	Assignments and Exams
Demonstrate an understanding of Database Design	Design Project and Exams
Demonstrate an understanding of Database Administration	Assignments and Exams

Textbook and Other Required Materials:

Textbook and other required materials for the course: *Concepts of Database Management*, Philip J. Pratt and Joseph J. Adamski, Course Technology. Additional handouts may be required. The instructor will provide information on obtaining this material.

Methods: Text, E-mail, Internet, Audio Lectures, and Assignments will be used in this course. A considerable amount of time is required outside of class to complete assignments.

Activity	Percentage
Exams	50%
Design Project	25%
Assignments	25%