J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: ITD 134  
Credits: 4

Course Title: PL/SQL Programming

Course Description

Incorporates a working introduction to commands, functions, and operators used in SQL for extracting data from standard databases. Provides students with a hands-on experience developing code, functions, triggers, and stored procedures for SQL Server 2005. Prerequisite ITD 130 or equivalent. Lecture 4 hours per week.

General Course Purpose

This course includes an introduction to PL/SQL programming within the Oracle RDBMS environment.

Course Prerequisites/Corequisites

ITE 115 or equivalent

Course Objectives

Upon completing the course, the student will be able to:

a. Acquire an introduction to database application development.
b. Cover an overview of language fundamentals.
c. Create procedures and functions, dependencies, packages, database triggers and Oracle supplied packages.

Major Topics to be Included

a. Application development overview 
b. Language fundamentals  
c. Procedures and functions  
d. Dependencies 
e. Packages  
f. Database Triggers  
g. Oracle supplied packages

Effective Date of Course Content Summary: 9/24/2008