

# Which Oracle class should I take?

The Computer Education Department wants to ensure that you don't find yourself bored or overwhelmed because you are not in the correct computer class for your skill level. Please check the following lists to make sure you enroll in the course that is just right for you.

## Oracle SQL

**For Oracle SQL you need to be able to:**

- Log on to the computer
- Use the mouse and keyboard Use a browser
- Familiarity with Windows operating system
- Type text documents

**Topics covered in Oracle SQL**

- Search data using advanced sub queries
- Retrieve row and column data from tables with the SELECT statement
- Employ SQL functions to generate and retrieve customized data
- Run data manipulation statements (DML)
- Control user access and manage schema objects

## Oracle PL/SQL

**For Oracle PL/SQL you need to be able to:**

- Have the knowledge and skills taught in **Oracle SQL**
- Use Oracle SQL commands to access, update, and change a database

**Topics covered in Oracle PL/SQL**

- Use PL/SQL loops, control structures, and explicit cursors
- Create simple procedures and functions
- Design efficient anonymous blocks
- Handle runtime errors
- Create triggers to solve business challenges
- Write dynamic SQL

## Oracle Administration Workshop I

**For Admin Workshop I you need to be able to:**

- Log on to the computer
- Use the mouse and keyboard with a Graphical User Interface
- Familiarity with Windows operating system
- Use a browser
- Type text documents
- Have a working knowledge of SQL (recommended)

**Topics covered in Admin Workshop I**

- Install and configure a database
- Manage the Oracle instance and storage structures
- Create and administer user accounts
- Perform backup and recovery
- Monitor, troubleshoot, and maintain a database
- Configure Oracle Net services

## Oracle Administration Workshop II

**For Admin Workshop II you need to be able to:**

- Have a knowledge of Oracle database administration at the level of **Admin Workshop I**
- Use SQL

**Topics covered in Admin Workshop II**

- Use RMAN for backup sets, image copies
- Recover to a previous point in time
- Use Secure Backup and Flashback
- Use advisors, views, and Scheduler
- Customize language independence
- Administer a VLDB and implement a secure database

Check Schedule of Classes for details.