

# Computer Information Systems Certificates of Completion

## DATABASE DEVELOPER ASSOCIATE - ORACLE™

Completion of this certificate will enable students to acquire the skills needed for database design and programming. In addition, this certificate will help prepare for the Oracle's™ Associate Level certification in SQL and PL/SQL programming.

Required Courses		Units
Intro to Database Concepts	CIS 182	4.0
Oracle™ SQL Programming	CIS 183	4.0
Oracle™ PL/SQL Programming	CIS 184	3.0
<b>TOTAL</b>		<b>11.0</b>

## DATABASE DEVELOPER PROFESSIONAL - ORACLE™

Completion of this certificate will enable students to acquire the skills needed for developing forms and reports using the Oracle™ database environment. In addition, this certificate will help prepare for the Oracle™ Professional Level certification in Forms and/or Reports.

Required Courses		Units
Intro to Database Concepts	CIS 182	4.0
Oracle™ SQL Programming	CIS 183	4.0
Oracle™ PL/SQL Programming	CIS 184	3.0
Oracle™ Forms Developer	CIS 185	3.0
Oracle™ Reports Developer	CIS 186	3.0
<b>TOTAL</b>		<b>17.0</b>

## DATABASE ADMINISTRATION ASSOCIATE - ORACLE™

Completion of this certificate will enable students to acquire the skills needed for database administration. In addition, this certificate provides preparation for students seeking Oracle's™ Associate Level certification in Database Administration.

Required Courses		Units
Intro to Database Concepts	CIS182	4.0
Oracle™ SQL Programming	CIS183	4.0
Oracle™ Database Admin I	CIS187	3.0
<b>TOTAL</b>		<b>11.0</b>

**New!**

## DATABASE ADMINISTRATION PROFESSIONAL - ORACLE™

Completion of this certificate will enable students to acquire the skills needed for advanced database administration. In addition, this certificate provides preparation for students seeking Oracle's™ Professional Level certification in Database Administration.

Required Courses		Units
Intro to Database Concepts	CIS182	4.0
Oracle™ SQL Programming	CIS183	4.0
Oracle™ Database Admin I	CIS187	3.0
Oracle™ Database Admin II	CIS188	2.0
Oracle™ Database Performnc Tuning	CIS189	2.0
<b>TOTAL</b>		<b>15</b>

**New!**



- All courses must be completed with a grade of "C" or better.
- All courses must be completed at Orange Coast College
- Applications are available in the Business & Computing Division Office, BE 111.
- Applications cannot be accepted until all courses have been completed and the grades appear on your transcripts.