

ORACLE TUTORING PACKAGE

The following is information describing the Oracle Tutoring Package, available from Corbinian, Inc. This package features tutoring for the Oracle certification exam 1Z0-047, OCA Oracle Database SQL Expert.

Private tutoring is provided by **Steve O'Hearn**, the noted author of the Oracle Press book titled *OCA Oracle Database SQL Expert Exam Guide (1Z0-047)*, published in December 2009.

Perfect for:

- Individuals seeking new training to start a new career
- Individuals who are already working in the Oracle profession and wish to enhance their credentials

What you will receive:

- A print copy of the McGraw-Hill / Oracle Press publication *OCA Oracle Database SQL Expert Exam Guide (1Z0-047)*, the official certification guide for Oracle Corporation's only "expert" level certification currently available. Autographed by the author, personalized with up to 20 words of your choosing (subject to author approval), and mailed to the address you provide.
- Two one-hour sessions, to interact directly with the book's author privately one-on-one.
 - o Session to be delivered online via phone and/or Internet / web-based connection which requires no downloads.
 - o Purpose of each session is to answer any questions about the book, its contents, the SQL Expert certification exam, and questions about a career in Oracle of a general nature.
 - o Additional one-hour sessions may be purchased as desired.
 - o See the FAQ for more information.
- A \$500 Credit toward a future course from Corbinian, Inc.

Topics:

The following is a list of the Oracle certification objectives for the exam, which are the topics addressed in the book, and also available as tutoring points.

<p>Retrieving Data Using the SQL SELECT Statement</p> <ul style="list-style-type: none"> List the capabilities of SQL SELECT statements Execute a basic SELECT statement Describe how schema objects work <p>Restricting and Sorting Data</p> <ul style="list-style-type: none"> Limit the rows that are retrieved by a query Sort the rows that are retrieved by a query <p>Using Single-Row Functions to Customize Output</p> <ul style="list-style-type: none"> Describe the various types of SQL functions Use character, number, and date functions in SELECT statements Describe the user of conversion functions <p>Reporting Aggregated Data Using the Group Functions Identify the available group functions</p> <ul style="list-style-type: none"> Describe the use of group functions Group data by using the GROUP BY clause Include or exclude grouped rows by using the HAVING clause <p>Displaying Data from Multiple Tables</p> <ul style="list-style-type: none"> Write SELECT statements to access data from more than one table using equijoins and nonequijoins Join a table to itself by using a self-join View data that generally does not meet a join condition by using outer joins Generate a Cartesian product of all rows from two or more tables <p>Using Subqueries to Solve Queries Define subqueries</p> <ul style="list-style-type: none"> Describe the types of problems that subqueries can solve List the types of subqueries Write single-row and multiple-row subqueries 	<p>Using the Set Operators</p> <ul style="list-style-type: none"> Describe set operators Use a set operator to combine queries into a single query Control the order of rows returned <p>Manipulating Data</p> <ul style="list-style-type: none"> Describe each data manipulation language (DML) statement Insert rows into a table Update rows in a table Delete rows from a table Control transactions <p>Using DDL Statements to Create and Manage Tables</p> <ul style="list-style-type: none"> Categorize database objects Review the table structure List the data types that are available for columns Create a simple table Explain how constraints are created at time of table creation <p>Creating Other Schema Objects</p> <ul style="list-style-type: none"> Create simple & complex views Retrieve data from views Create, maintain, and use sequences Create and maintain indexes Create private, public synonyms <p>Managing Objects with Data Dictionary Views</p> <ul style="list-style-type: none"> Use the data dictionary views to research data on your objects Query data dictionary views <p>Controlling User Access</p> <ul style="list-style-type: none"> Differentiate system privileges from object privileges Grant privileges on tables View privileges in the data dictionary Grant roles Distinguish between privileges and roles <p>Managing Schema Objects</p> <ul style="list-style-type: none"> Add constraints Create indexes Create indexes using the CREATE TABLE statement Creating function-based indexes Drop columns and set column UNUSED Perform FLASHBACK operations Create and use external tables 	<p>Manipulating Large Data Sets</p> <ul style="list-style-type: none"> Manipulate data using subqueries Describe the features of multitable INSERTs Use the following types of multitable INSERTs (Unconditional, Conditional and Pivot) Merge rows in a table Track the changes to data over a period of time <p>Generating Reports by Grouping Related Data</p> <ul style="list-style-type: none"> Use the ROLLUP operation to produce subtotal values Use the CUBE operation to produce crosstabulation values Use the GROUPING function to identify the row values created by ROLLUP or CUBE Use GROUPING SETS to produce a single result set <p>Managing Data in Different Time Zones</p> <ul style="list-style-type: none"> Use Various datetime functions <p>Retrieving Data Using Subqueries</p> <ul style="list-style-type: none"> Write a multiple-column subquery Use scalar subqueries in SQL Solve problems with correlated subqueries Update and delete rows using correlated subqueries Use the EXISTS and NOT EXISTS operators Use the WITH clause <p>Hierarchical Retrieval</p> <ul style="list-style-type: none"> Interpret the concept of a hierarchical query Create a tree-structured report Format hierarchical data Exclude branches from the tree structure <p>Regular Expression Support</p> <ul style="list-style-type: none"> Using Meta Characters Regular Expression Functions Replacing Patterns Regular Expressions and Check Constraints
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About Steve O'Hearn, the author and the tutor:

Mr. O'Hearn is an information technology consultant specializing in Oracle database and web technology. His clients have included the National Press Club, the World Bank, national labor unions, NASA HQ and other U.S. government agencies. He led the development team that created the Work Control Systems for the NASA Space Station Freedom TMIS project, the U.S. Army *Reserve Component Automated System (RCAS)* project, and many other large U.S. government projects, where his application end-users numbered in the hundreds and in some cases, the tens of thousands. His *Maintenance Status Report* system saved Boeing Information Systems in excess of \$200M per year for a ten-year project. He automated budget-tracking systems for various NASA centers, the U.S. Army, Navy, the FAA, and many other clients.



Mr. O'Hearn has been published in periodicals such as *IT Recruiter* and the *Harvard Business Review*, and has written for and edited the National Press Club's weekly *Record*. He was the technical editor for *Oracle Web 101* from Osborne/McGraw-Hill, and contributed to *Oracle8 Server Unleashed* from Macmillan Computer Publishing. His critically acclaimed book *OCP Developer: PL/SQL Program Units* is part of the Oracle Corporation-certified Oracle Press series for the Oracle Certified Professional exams.

Mr. O'Hearn graduated from The George Washington University in 1983 with a degree in Business Administration specializing in Information Processing. In 1985 he conducted post-graduate work in advanced business mathematics at the University of Maryland's University College. He completed the Future of e-Government Executive Education training at Harvard University's Kennedy School of Government in 2003.

He is a past Vice President of the Mid-Atlantic Association of Oracle Professionals, and he currently chairs the New Media Committee of the National Press Club. He is a member of MENSA.

Reviews for Mr. O'Hearn's last book:

Since the new book is currently shipping, it's too early for any reviews. But Mr. O'Hearn's last book was *OCP Developer PL/SQL Program Units Exam Guide*, and was published in 2002. A sample of some of the reviews:

******* (5 STARS) Excellent guide for exam 1Z0-147 - K. Shah - November 20, 2006**
"Amazing ... great ... those are the words for this book ... "

****** (4 STARS) Thanks to Steve O'Hearn! - Massimo Pinto - February 7, 2004**
"... It's a great book ..."

******* (5 STARS) Excellent Preparation for the Exam - Jim Hall - April 15, 2003**

******* (5 STARS) Fantastic and really exam oriented! - T. Singh - Dec 4, 2002**
"... a great book ... This one is a winner ..."

**** (5 STARS) **Great preparation for the 1Z0-101 OCP exam - Gregor Theis - May 7, 2002**

" ... If you want to do the PL/SQL program units exam this book is definitely the book to go for ... "

Offer Date: December 7, 2009

Pricing:

- Basic package: \$450
 - o One autographed book
 - o Two one-hour sessions
- Additional one-hour sessions may be added later at the following rates:
 - o Hours 3 through 9: \$175/each
 - o Hours 10 to 19: \$150/each

Christmas 2009 Delivery:

We have a limited number of books available for delivery before Christmas. As of this writing, Amazon.com is NOT promising pre-Christmas delivery. But we can - if you order now, and only while supplies last.

Prerequisites - you must possess the following skills to participate:

- You must have a computer that can access the Internet and navigate the web.
- You must have one of the following two items - EITHER:
 - o A computer with high-speed Internet access, equipped with speakers and a microphone.
 - o A telephone line that we can phone in order to establish a voice connection.
- You must be able to type at least 10 words per minute.
- You must possess basic computer skills, including the following:
 - o The ability to send and receive emails.
 - o The ability to navigate the world wide web, such as perform a search, or visit a particular web site by its address (such as corbinian.com).
 - o The ability to use Windows Explorer to locate a file on your machine and open it with a simple text editor, such as Notepad.

How Do I Sign Up?

You can:

- Email us at info@corbinian.com

OR

- visit <http://www.corbinian.com/training/tutoringBuyNow.php>

OR

- phone us in Northern Virginia at (703) 887-4935.

FAQ - Frequently Asked Questions

Q: What topics are addressed in the tutoring sessions?

A: The purpose of the tutoring sessions is to review the contents of the SQL Expert book, and the exam for which the book prepares you to take. You can ask anything you wish, and the author will answer it, subject to reasonable approval by the author.

Suggested topics include:

- What is the Oracle profession like?
- Describe a "day in the life" of an Oracle professional.
- How can someone enter the Oracle business?
- What sort of jobs exist within Oracle?
- What sort of salaries can someone earn in the Oracle industry?

Q: When will tutoring sessions take place?

A: Once you purchase the package, we will contact you to schedule your tutoring sessions. Each session is one hour. Each is conducted by phone, and if you wish, we can provide online audio/video connection, including online presentation of material and online demonstration of Oracle projects from the book. Tutoring sessions will be scheduled to begin no earlier than January 11th, and will be scheduled on a space available basis. Any time slot is possible - day or night, any day of the week, according to your desire and instructor availability. *(Note from Mr. O'Hearn: we are just getting started with this in January 2010, so I'm interested and available any time to accommodate any personal schedule or time zone.)*

Q: Has Steve O'Hearn ever taught or tutored before?

A: Absolutely! Mr. O'Hearn has provided Oracle instruction at Advantec Institute, the Computer Learning Centers, the U.S. Defense Information Systems Agency (DISA), Boeing Information Services, and Cap Gemini, to name a few. He co-founded db-Training in Tyson's Corner, Virginia. He has taught and graduated over 3,000 students in the Oracle industry. In addition, he currently serves as a Trustee for Eastern University in Radford, Pennsylvania.

Q: Do I get Oracle software with the package?

A: We can work with you to show you how to download Oracle software at no charge from Oracle's website. We can also work with you to help you get the software installed.

Q: What forms of payment do you take?

A: We can accept any valid credit card or bank transfer, provided that you submit payment via PayPal. If you don't already have PayPal, you can set up an account easily at no charge to yourself. In case you've never heard of it, PayPal is owned by Ebay and is a safe and widely used mechanism for providing secure electronic payments while protecting your personal or financial information.