

UNIVERSIDAD DE GUADALAJARA

CENTRO UNIVERSITARIO DE CIENCIAS EXACTAS E INGENIERIAS
DIVISION DE ELECTRONICA Y COMPUTACION



EDUCATION COORDINATOR
(SERVICIOS EDUCATIVOS ORACLE MONTERREY)

INFORME DE ACTIVIDAD PROFESIONAL
QUE PARA OBTENER EL TITULO DE:
LICENCIADO EN INFORMATICA

PRESENTA
JOSE LUIS CANDELARIO TOVAR

GUADALAJARA, JAL., MAYO DE 2000

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DIVISION DE ELECTRONICA Y COMPUTACION

DEPARTAMENTO DE CIENCIAS COMPUTACIONALES

Código: 088514858

C. CANDELARIO TOVAR JOSE LUIS
PASANTE DE LA CARRERA LICENCIATURA EN INFORMÁTICA

PRESENTE

Por este conducto le damos a conocer el Dictamen emitido por el Comité de Titulación de esta carrera en relación a su solicitud de aprobación de modalidad y trabajo de titulación

MODALIDAD: TESIS E INFORMES

OPCIÓN: INFORMES

CON EL TÍTULO: "EDUCATION COORDINATOR (SERVICIOS EDUCATIVOS ORACLE MONTERREY")

Con base en, el artículo 13 fracción III del Reglamento de Titulación de C.U.C.E.I. el Comité emite el siguiente:

DICTAMEN: APROBADO

Que queda asentado en el acta de sesión con fecha del 06 de diciembre de 1999, con el folio No. 38 que designa al Lic. Jorge L. Vázquez Padilla, como Director de Titulación y al Ing. Javier de Jesús Flores Huerta Como asesor.

Con base al procedimiento académico-administrativo de titulación del CUCEI se le otorga el plazo de un año a partir de la fecha para la presentación de trabajo.

En cada uno de los ejemplares del trabajo de titulación que presente para su examen profesional, deberá aparecer una copia del presente dictamen.

A T E N T A M E N T E
"PIENSA Y TRABAJA"
Guadalajara Jal., 11 de enero de 2000

DIRECTOR DE LA DIVISION DE ELECTRONICA Y COMPUTACION
DR. JOSE LUIS RAMOS QUIRARTE

Vo.Bo. PRESIDENTE DEL COMITÉ DE TITULACION

M.S.I. CARLOS ALFREDO CARMONA DIAZ
C.c.p. Director de titulación
C.c.p. Asesor de titulación
CACD/mgcc



C.U.C.E.I.

Comité de Titulación de
la División de Electrónica y Computación

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AGRADECIMIENTOS

Por medio de este conducto quiero agradecer a Dios nuestro señor que siempre me ha iluminado y nunca me ha dejado, desde mi época de estudiante hasta la actualidad.

Agradezco a mis padres que me dieron la oportunidad de estudiar, y que en los momentos difíciles siempre hemos estado unidos.

Por supuesto no olvido a mis maestros, que cada uno aportó su conocimiento y me vio crecer, durante esta inolvidable etapa.

A cada uno de mis jefes anteriores; como a los actuales ubicados en la Facultad de Ciencias Físico-Matemáticas de la Universidad Autónoma de Nuevo León, al Ing. Oscar Recio, Ing. Maricarmen Martínez y al Ing. Raúl Montemayor entre otras personas por creer en mí, darme una oportunidad de trabajo y estar conmigo en la Ciudad de Monterrey Nuevo León

No tengo palabras para agradecerle de la misma manera a mi asesor de Tesis al Maestro Jorge Vázquez por todo el apoyo proporcionado durante la carrera y ahora en la revisión y validación de este informe de actividades.

A Uds. Señores de Comité de Titulación ya que estando su servidor lejos de la Ciudad de Guadalajara han comprendido la importancia de graduarme y ejercer profesionalmente mi conocimiento adquirido.

Y por último a todos aquellos compañeros, amigos, y seres queridos que no he mencionado y que han estado a mi lado y en mi memoria, a todos; en general, gracias.

José Luis

ANTECEDENTES

Como base para este informe comenzaré con una explicación general de lo que hacemos los recién egresados en el espacio laboral y terminare con la actividad actual que realizo en la Cd. de Monterrey, Nuevo León.

En mi caso muy personal comencé desde antes de salir de la carrera, de acuerdo a las habilidades adquiridas y a las necesidades que tenía en ese momento la búsqueda de un trabajo fue siempre primordial, meses antes de salir empecé impartiendo clases de computación en la carrera de programador analista, lo encontré agotando todas las posibilidades preguntando, bolsas de trabajo, ir a las instituciones educativas, periódico, donde en esta última alternativa conseguí el puesto antes mencionado. Me dieron una oportunidad y seguí adelante, continué en este trabajo y traté de llevarlo con la carrera, después comenzó la asignación del servicio social, en este caso quise que se me asignara en el edificio de Juárez y Enrique Díaz de León, salí sorteado en el área de estadística, comencé a ver nuevos productos informáticos, y así sucesivamente, realice un pequeño sistema para el área; quería que se me contratara en alguna área dentro de la Universidad pero no fue así. Aún no dejaba mi trabajo de instructor, a unas semanas de salir, decido hacer practicas profesionales en el Grupo Financiero Inverlat, fui aceptado para realizar dichas prácticas pero sin ningún ingreso, eso era desmotivante pero seguía echándole las ganas, el único aliciente era aprende todo lo que puedas y sigue adelante, conocí el funcionamiento de las comunicaciones.

Comencé a buscar trabajo en otro lado, tengo compañeros que en aquel tiempo realizaban también prácticas profesionales en diversas empresas y tenían contactos. Una de mis compañeras, me envió con uno de sus contactos, concerté una cita, no me resolvieron nada y aquí también era como practicante, al cabo de los 15 días, me mandan hablar de la empresa contacto para practicas profesionales y me dicen que estoy contratado para ir a trabajar en un proyecto en la Ciudad de Toluca, Estado de México, para mí era mi primer trabajo formal, nunca había viajado, no conocía Toluca, y fue donde rompí el cordón umbilical de mi familia, mi gente y de la Ciudad de Guadalajara, y con lo que había ganado hasta este momento me sirvió para el viaje.

En la Cd. de Toluca comencé en el proyecto de implementación en la empresa Farmacéuticos Lakeside del sistema SAP R/3 System en las áreas de Compras, Planeación, Ingeniería Industrial, Producción e Inventarios. Participé en todos estos módulos, pero en el que me dediqué a fondo fue en el área de Compras y Planeación. Pasaron los meses, se terminó el proyecto y regresé unas semanas a Guadalajara, después en la misma empresa se abrió un nuevo contrato para implementación del sistema SAP R/3 System, para la empresa antes mencionada en la Cd. de México, ahora mi papel sería ser líder del proyecto en las áreas de Contabilidad, Cuentas por Pagar, Cuentas por Cobrar y Contraloría

Una vez terminado los proyectos con esta empresa, se me envía a Oracle México para formarme en las áreas Oracle y después impartir cursos Oracle y como comentario aquí es donde empieza la travesía, los viajes, los temores, miedos y logros dentro de una empresa que me daría prestigio, oportunidades, crecimiento, etc.

ORACLE CORPORATION

Hasta este momento he hablado de mis antecedentes en la búsqueda y lucha de oportunidades, a continuación comento algunas características de mi gran empresa Oracle Corporation.

Oracle es una compañía dedicada a ofrecer un rango completo de software y servicios basados en el Sistema Manejador de Bases de Datos Relacionales ORACLE (RDBMS), ORACLE RDBMS es líder en el mercado con miles de instalaciones alrededor del mundo y de diversos sectores en el mercado, todos ellos con el propósito de dar la mejor solución en estrategias de información dentro de diferentes negocios.

La empresa empieza en 1977. En 1979 Larry Emson y Bob Miner (dos de las personas más importantes dentro de la compañía actualmente) implementaron la idea del reporte técnico de IBM, el cual hablaba sobre el SQLR que fue el sistema de recursos humanos del cual surgió el lenguaje SQL. Ellos escribieron el primer SQL basado en una base de datos relacional. Otra importante decisión fue tomada también en 1979, escribir el código en lenguaje C. Ellos tomaron la idea de IBM y la hicieron portable a través del lenguaje SQL, de hecho la máquina que probó dicho desarrollo fue una computadora DEC llamada PD11. Oracle toma su nombre de un primer contrato, un proyecto confidencial para el gobierno, el password de ese proyecto de seguridad era precisamente ORACLE. Larry y Bo decidieron llamar a la compañía como dicho concurso. La compañía inicialmente se encontraba situada en Menlo Park. Actualmente se encuentra en San Francisco.

Hasta ahora la compañía se encuentra en 95 ciudades alrededor del mundo, cuenta con 7,500 empleados aproximadamente, además ocupa el primer lugar dentro del mercado de los RDBMS's y el tercer lugar en ventas de software.

La arquitectura cliente-servidor, explota al máximo la tecnología más avanzadas, incluyendo aquellos sistemas que incluyan multiprocesadores (SMPs). La base de datos distribuida ORACLE permite acceder en una sola consulta, datos que se encuentren en servidores remotos.

La arquitectura abierta de ORACLE provee una transparencia de acceso a los datos de otras bases de datos relacionales como DB2 y SQL/DB de IBM, e incluso aquellas que no son relacionales, como DBASE de ASHTON TATE.

Las aplicaciones del mundo real demandan el acceso concurrente de los datos críticos, con la mayoría de los sistemas de bases de datos los sistemas pueden convertirse en una barrera de contención con el desempeño limitado, no precisamente por la capacidad del CPU o lecturas y escrituras sobre disco, sino por los usuarios que tienen que esperar el acceso a los datos. ORACLE utiliza un bloqueo a nivel registro irrestringido y consultas libres de contención, que minimizan y en algunos casos eliminan completamente tiempos de espera.

La filosofía de ORACLE involucra diversos conceptos, como son: COMPATIBILIDAD, PORTABILIDAD, CONECTIVIDAD, CAPACIDAD Y PRODUCTIVIDAD. La compatibilidad es hablar de una gama de productos, los cuales se rigen bajo los estándares de la industria de las bases de datos relacionales, lo que produce que una base de datos sea compatible con otras

bases de datos existentes en el mercado. Una aplicación de ORACLE puede ser transportada de una máquina a otra, con diferentes sistemas operativos y esto no provoca ningún cambio o modificación a dicha aplicación, esto habla de la portabilidad que ofrece ORACLE. La arquitectura de ORACLE permite que los datos y las aplicaciones residan en diferentes computadoras, plataformas, sistemas operativos y ambientes de red, la idea es tener una conectividad completa. La capacidad de manejo de grandes volúmenes de información facilita el uso de aplicaciones grandes. Además ORACLE cuenta con diversas herramientas y productos que apoyan en la toma de decisiones para lo cual se cumple la productividad.

FORMACION Y EVALUACION DE INSTRUCTOR

Cuando se desea formar un candidato obviamente se requiere autorización de Oracle México, analizar el perfil del candidato, autorización por el Coordinador en Oracle México y por el Coordinador en el Centro Autorizado; donde se requiera trabajar.

Dentro del perfil para ser instructor se requiere ser persona y que le guste enseñar, independientemente del área o la cátedra, ya que estará con un grupo de profesionistas: dentro de los cuales encontraremos gerentes, líderes de proyecto, analistas, programadores, usuarios etc. Al mismo tiempo que serán personas del sector público y privado.

Cuando se haya analizado el perfil, y el candidato haya sido aceptado, el siguiente paso es la docencia, se expondrá un tema de cualquier área; analizándose así su manera de impartir y desenvolvimiento personal ante los grupos.

Por ultimo una vez pasada la prueba de didáctica se procede a formarlo en los cursos de Oracle, este procedimiento puede llevar meses, y puede ser a través de prácticas, programación, análisis, diseño e implementación de sistemas o de productos Oracle al término de este período es necesario evaluar los conocimientos, estos se harán mediante una sesión con personas expertas en el curso correspondiente y mediante la técnica de lluvia de preguntas se hará dicha evaluación.

Estos procedimientos se avalan mediante las políticas establecidas por Oracle que a continuación se mencionan.

Políticas administrativas para instructores a partir de 2000

1. El instructor se asignará primeramente a un grupo para el nivel indicado.

GRUPO I tronco común, developer

GRUPO II Oracle 8 (dba) dss

Independientemente del grupo y del nivel se pagará al instructor un 5% adicional sobre la hora si imparte los siguientes cursos (excepto los del grupo de designer) cualquier curso que tenga web, datawarehouse, ola, osa, dba, no calendarizados (replicación simétrica)

2. A partir de 1 de Enero de 2000 quien no este certificado se le pagará 50% de la tarifa vigente de certificado en proceso adicional, difícilmente se le asignaran cursos. Quien no tenga al menos un examen no se considerara en la planilla de instructores.

3. Cuando un instructor SENIOR quiera dar un curso nuevo que nunca ha dado se le pagara respetando su nivel de senior pero tendrá que dar el curso como segundo instructor al menos 4 veces y no se le pagaran es decir:

Primera vez, apoyo en practicas.

Segunda vez, impartirá no mas del 50% de los temas.

Tercera vez, impartirá no más del 80% de los temas.

Cuarta vez, impartirá del 100% de los temas.

De acuerdo al resultado en la cuarta se decidirá si es necesario una quinta vez.

4. Estas tarifas serán las mismas para todos los centros autorizados. Cada instructor deberá de ir a firmar contrato con cada centro autorizado. El centro autorizado asignará o cancelará directamente el curso a cada instructor. Cada instructor de es libre de contratarse por tiempo con un centro si así lo desea, de ser así es importante que se sepa la situación de cada instructor.

5. Oracle de México sigue siendo el responsable de todo la parte académica de los instructores, es decir, autorizar instructores a cursos, llevar su curriculum académico, capacitarlos. Se emitirá cada instructor los cursos que este autorizado a impartir.

6. Las cancelaciones en Oracle de México se manejarán igual que 1999, suponer que el curso indica el lunes 20.

7. Si se cancela el lunes 20, viernes 1, jueves 16 o miércoles 15 se paga el 100% si se queda en la oficina o el 50% si no se queda en la oficina, esto lo define el OAEP o coordinador académico, teniendo prioridad el 50%

30% si se cancela el martes 14 o lunes 13.

15% si se cancela del viernes 10 al lunes 8.

Las cancelaciones se harán a más tardar el último día antes de las 18:00 hrs. al lugar indicado por cada instructor para recibir mensajes.

8. Referente a los viáticos se manejan de acuerdo a las políticas vigentes Oracle de México y de cada centro autorizado.

DESCRIPCION DE CURSOS

Es importante para un instructor de Oracle, conocer su perfil y su campo de acción y por consiguiente Oracle de México, proporciona a través de sus direcciones electrónicas los descriptivos de los cursos, tanto para clientes como, socios y personal Oracle, a continuación proporciono información de algunos de los cursos Oracle en los que me encuentro asignado.

Data Modeling and Relational Database Design

Id. Curso 23015 | Duración: 3 Días | Precio: \$1320 USD o 3.3 Unidades Educativas

Método de entrenamiento Instructor

Horario de clases 9 A.M. a 5 P.M.

Descripción:

Los participantes aprenderán la técnica top-down o también denominada en cascada, y alcanzar el desarrollo de bases de datos utilizando modelos entidad-relación, técnicas de normalización y diseño de bases de datos. Identificar los requerimientos y transformarlos en un diseño de una base de datos. Al término del curso el participante será capaz de entender y crear modelos entidad relación y la primera fase del diseño de bases de datos.

Audiencia:

- Business Analysts
- Technical Support Professionals
- Data Administrators
- Managers
- Database Designers

Prerequisitos requeridos: Ninguno

Prerequisitos sugeridos:

Conceptos básicos de bases de datos relacionales.

Introduction to Oracle: SQL and PL/SQL The Complete Course Package

Introduction to Oracle: SQL and PL/SQL The Complete Course Package

Id. Curso: 41010 | **Duración:** 5 Días | **Precio:** \$2600 USD o 6.5 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso 9 A.M. a 5 P.M.

Descripción:

Este curso ofrece al participante una extensa introducción a la tecnología del servidor. Las clases abarcan los conceptos de bases de datos relacionales y el poder de SQL y PL/SQL como lenguajes de programación. Los participantes aprenderán a crear y mantener objetos en la base de datos y almacenar, consultar y manipular la información. De manera adicional, los participantes aprenderán a crear bloques de PL/SQL de código y que puede ser compartido por múltiples formas, reportes y aplicaciones que manejen datos. Las demostraciones y el manejo de practica reforzarán los conceptos básicos. El curso es preparado para ambos exámenes de certificación Application Developer y Database Administrator.

Audiencia:

- Application Developers
- Database Administrators
- System Analysts
- Designer/Developers

Prerequisitos Requeridos:

Familiarización con los conceptos básicos de procesos de datos y las técnicas necesarias

Prerequisitos sugeridos:

Experiencia en el manejo de ambiente gráfico (GUI)

Develop PL/SQL Program Units Complete Course Package

Id Curso: 41024 | **Duración:** 3 Días | **Precio:** \$1720 USD o 4,3 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso: 9 A.M. a 5 P.M.

Descripción:

En este curso los participantes aprenderán el desarrollo de procedimientos, funciones y paquetes. Siendo estos desarrollados en Procedure Builder y en el ambiente de SQL*Plus; los participantes aprenderán como crear y manejar unidades de programación desarrollados en PL/SQL así como triggers en la base de datos. Los participantes aprenderán como utilizar algunos de los predefinidos Oracle-supplied packages.

Audiencia:

- Database Administrators
- Designer/Developers
- Application Developers

Developer/2000 Forms 4.5 I

Id Curso: 43110 | **Duración:** 4 Días | **Precio:** \$1760 USD o 4.4 Unidades Educativas

Método de entrenamiento: Instructor

Horario de clases 9 A.M. a 5 P.M.

Descripción:

En este curso, los participantes construirán y evaluarán aplicaciones que constan de una o más módulos de Developer/2000 forms. Trabajando con una interfaz gráfica como ambiente de desarrollo, los participantes construirán una aplicación completa de forms utilizando Developer/2000 forms. Durante el aprendizaje los participantes aprenderán como personalizar formas con elementos de captura gráficos tal como check box, listas y radio grupos. Ellos también aprenderán como modificar datos a través del manejo de triggers.

Audiencia:

- Application Developers
- Database Administrators
- Technical Support Professionals
- Designer/Developers

Prerequisitos requeridos:

Introduction to Oracle for Experienced SQL Users

Introduction to Oracle: SQL and PL/SQL The Complete Course Package

Prerequisitos Sugeridos: Developer/2000 Foundation

Developer/2000 Forms 4.5 II

Id. Curso: 44110 | Duración: 3 Días | Precio: \$1320 o 3.3 Unidades Educativas

Método de entrenamiento: Instructor

Horario del curso: 9 A.M. a 5 P.M.

Descripción:

Developer/2000 Forms 4.5 enseña técnicas profesionales en problemas técnicos avanzados con las formas. Este curso utiliza en forma extensiva conceptos complejos de forms (v 4.5)

Audiencia:

- **Designer/Developers**
- **Application Developers**
- **Application Administrators**

Prerequisitos requeridos:

Introduction to Oracle: SQL and PL/SQL The Complete Course Package
Introduction to Oracle for Experienced SQL Users
Developer/2000 Forms 4.5 I
Developer/2000 Foundation

Prerequisitos sugeridos: Dos meses en el desarrollo profesional de formas

Cursos siguientes sugeridos:

Developer/2000 Reports 2.5

Cursos relacionados

No hay cursos relacionados disponibles.

Developer/2000 Reports 2.5

Id. Curso: 43210 | **Duración:** 4 Días | **Precio:** \$1760 o 4.4 Unidades educativas

Método de entrenamiento: Instructor

Horario del curso: 9 A.M. a 5 P.M.

Descripción:

En este curso, los participantes aprenderán una variedad de standard y reportes personalizados utilizando Developer/2000 Reports e un ambiente cliente servidor. En la guía de ejercicios en clase los participantes recuperaran, desplegaran, y formatearan datos en los diferentes estilos de reportes como tabular, break, maestro-detalle, matricial, y correspondencia. Los participantes tambien personalizaran sus reportes combinando texto y gráficos con la información encontrada en los requerimientos específicos de los negocios.

Audiencia:

- Application Developers
- Designer/Developers

Prerequisitos requeridos:

Introduction to Oracle: SQL and PL/SQL The Complete Course Package
Introduction to Oracle for Experienced SQL Users
Developer/2000 Foundation

Prerequisitos sugeridos: Ninguno

Siguientes cursos sugeridos:

Developer/2000 Forms 4.5 I

Cursos relacionados

Ninguno

Developer/2000 Rel 2: Build Forms I

Id. Curso : 43111 | Duración: 5 Días | Precio: \$2200 USD o 5.5 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso: 9 A.M. a 5 P.M.

Descripción:

En este curso, los participantes aprenderán como construir y evaluar las aplicaciones en forma interactiva y trabajarán con una interface gráfica en un ambiente (GUI). Los participantes aprenderán como personalizar las formas con campos de entrada tales como los check boxes, list items y radio groups. Los participantes también aprenderán como modificar el acceso a los datos creando triggers que disparen en varios eventos.

Audiencia:

- Database Administrators
- Application Developers
- Technical Support Professionals
- Designer/Developers

Prerequisitos requeridos:

Introduction to Oracle for Experienced SQL Users

Introduction to Oracle: SQL and PL/SQL The Complete Course Package

Prerequisitos sugeridos: Ninguno

Siguientes cursos sugeridos:

Consultar al representante de ventas para determinar cual es el siguiente curso.

Cursos Relacionados:

Form Builder: Enhancing the User Interface

Form Builder: Writing and Debugging Code

Form Builder: Forms Fundamentals

Developer/2000 Rel 2: Build Forms II

Id. Curso: 44111 | **Duración:** 3 Días | **Precio:** \$1320 USD o 3.3 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso: 9 A.M. a 5 P.M.

Descripción:

En este curso los participantes mejoraran su aprendizaje en las tareas del manejo de formas. Los participantes utilizaran Project Builder para el manejo de archivos y manejo de transacciones a través de varios módulos. Los participantes también aprenderán a crear aplicaciones en múltiples formas y practicarán la esencia del desarrollo en sus aplicaciones al customizar menús, reportes y gráficas.

Audiencia:

- Database Administrators
- Application Developers
- Designer/Developers
- Technical Support Professionals

Prerequisitos requeridos:

Introduction to Oracle: SQL and PL/SQL The Complete Course Package
Introduction to Oracle for Experienced SQL Users
Developer/2000 Rel 2: Build Forms I

Prerequisitos sugeridos: Ninguno

Siguientes cursos sugeridos:

Consulte con el representante de ventas para determinar cual es el siguiente curso

Cursos Relacionados:

Form Builder: Managing Module Types
Form Builder: Handling Multiple Object Relationships
Form Builder: Including Reuseable Oracle Components

Developer/2000 Rel 2: Design Effective GUI Applications

Id. Curso: 44031 | **Duración:** 1 Días | **Precio:** \$440 o 1.1 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso 9 A.M.a 5 P.M.

Descripción:

En este curso los participantes exploraran las reglas y métodos en la creación de aplicaciones que se ejecuten efectivamente en un ambiente GUI, Graphical User Interface. Los participantes se concentraran en los aspectos de diseño que afectan la utilización de la aplicación, en términos de su funcionalidad y apariencia. Aunque mucho del material es relevante para aplicaciones GUI, el curso generalmente se enfoca en el producto de Developer /2000 y como utilizar sus características para producir efectivas formas, gráfica y reportes.

Audiencia:

- Database Administrators
- Application Developers
- Designer/Developers
- Technical Support Professionals

Prerequisitos requeridos: Experiencia con Developer Forms, Reports y Graphics.

Prerequisitos sugeridos: Ninguno

Siguientes cursos sugeridos:

Consulte a su representante de ventas para determinar cual es el siguiente curso

Cursos Relacionados:

No hay cursos relacionados.

Oracle Web Application Server: Administration

Id. Curso: 45210 | **Duración:** 2 Días | **Precio:** \$880 USD o 2.2 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso: 9 A.M. a 5 P.M.

Descripción:

Este curso discute la administración, conceptos e instalación de OWAS. A través del manejo de demostraciones, lecturas, laboratorios en línea y las slides, los participantes aprenden como manejar los componentes de OWAS, la utilización de las herramientas de administración y seguridad para soportar aplicaciones, este curso también provee el background necesario para los desarrolladores de Web y otros desarrolladores de arquitectura de tres capas quienes desarrollaran aplicaciones para OWAS.

Audiencia:

- System Administrators
- Database Administrators
- Network Administrators
- Application Administrators

Prerequisitos requeridos:

Familiarización de Internet y el WWW.

Introduction to Oracle: SQL and PL/SQL The Complete Course Package

Prerequisitos sugeridos: Fundamentos de HTML

Siguientes cursos sugeridos:

Oracle Application Server: Develop Web-Based Applications with PL/SQL

Oracle Application Server: Staying Secure on the Internet

Cursos Relacionados:

Oracle Application Server: Develop Web-Based Applications with PL/SQL

Oracle Web Application Server: Develop Web-Based Applications

Id. Curso: 46110 | **Duración:** 3 Días | **Precio:** \$1320 o 3.3 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso 9 A.M. a 5 P.M.

Descripción:

Este curso introducirá a los participantes al Oracle Web Application Server y sus características que generen aplicaciones dinámicas en el WWW que accese a la base de datos de Oracle 7. Después de un panorama del WWW, los participantes aprenderán los conceptos de la Web en contacto con la base de datos Oracle, utilizando el componente de Server Developer Toolkit el cual es el Agente de PL/SQL para generar HTML. Los participantes también aprenderán a construir páginas Web implementando Live HTML para incluir otras páginas Web o un contenido dinámico.

Audiencia:

- Web Application Developers

Prerequisitos requeridos: Ninguno

Prerequisitos sugeridos: Ninguno

Siguientes cursos sugeridos:

Consulte a su representante de ventas para determinar cual es el siguiente curso

Cursos Relacionados:

Oracle Web Application Server: Develop Web-Based Applications

Developer/2000 Release 2: Build Reports

Id. Curso: 43211 | Duración: 4 Días | Precio: \$1760 o 4.4 Unidades Educativas

Método de Entrenamiento: Instructor

Horario del curso 9 A.M. a 5 P.M.

Descripción:

En este curso, los participantes construirán una variedad de estándares y reportes customizados en un ambiente cliente servidor. Trabajando con una interfase gráfica en un ambiente (GUI), los participantes aprenderán a consultar, desplegar y formatear datos en algunos estilos como reportes tabulares, matriciales, de correo y cartas. Ellos aprenderán como customizar reportes complejos, reportes que tengan gráficos incluidos y utilizar un servidor remoto inteligente de reportes.

Audiencia:

- Designer/Developers
- Database Administrators
- Technical Support Professionals
- Application Developers

Prerequisitos requeridos:

Introduction to Oracle SQL and PL/SQL OR
Introduction to Oracle for Experienced Users AND
Develop PL/SQL Program Units

Prerequisitos sugeridos:

Developer/2000 Rel 2: Design Effective GUI Applications
Developer/2000 Rel 2: Deploy Web-Based Applications

Siguientes cursos sugeridos:

Consulte su representante de ventas para determinar cual es el siguiente curso

Cursos Relacionados:

Developer/2000 Rel 2: Build Forms II
Developer/2000 Rel 2: Design Effective GUI Applications
Developer/2000 Rel 2: Deploy Web-Based Applications
Developer/2000 Rel 2: Build Forms I
Report Builder: Reports Fundamentals
Report Builder: Enhancing Reports
Report Builder: Controlling Reports

CURSOS IMPARTIDOS

En este tema quiero mostrar los cursos que he impartido desde sep. 96 que ingrese a Oracle México hasta nuestros días, estos datos son recientes basándose en los archivos, y con la autorización correspondiente de la Lic. María Antonieta Garduño y el Lic. José Luis Candelario Tovar

Haré una descripción de los términos implementados:

Fecha Inicio: Es la fecha inicial del curso asignado.

Fecha Fin: Es la fecha de termino del curso, generalmente son de 1 a 5 días, y depende de las necesidades del cliente.

Lugar: Donde se imparte el curso. Generalmente los cursos son asignados en instalaciones Oracle, on site (instalaciones del cliente), y OAEP (Centros Autorizados de Capacitación Oracle)

Curso: Es el curso asignado y capaz de impartir el instructor. Este depende del grupo al que este asignado.

Cliente: Puede ser cualquier razón social que haya pedido el curso, el hecho de ser abierto significa que pueden entrar a estos cursos cualquier persona, independientemente de su ramo o de su empresa, además que Oracle prepara grupo de Becarios, que se van formando y trabajar en las instalaciones de Oracle o en proyecto, y por ultimo los socios, estos son asociados de Oracle, ellos venden cursos, productos Oracle, dan capacitación y aquí es donde se da la alianza empresa-Oracle.

Prog.: Es el numero asignado por Oracle al curso y así llevar un control, hay cursos que no tienen este número ya que primero se impartió en el centro autorizado y después se le asigno el numero, esta información depende de México mas no de Monterrey.

TABLA DE CURSOS IMPARTIDOS 1996-2000

Fecha Inicio	Fecha fin	Lugar	CURSO	Cliente	Prog.
2-Dec-96	11-Dec-96	INBURSA	INTRODUCCION A ORACLE: SQL Y PL/SQL	INBURSA	1857
21-Dec-96	27-Dec-96	BANCA PROMEX	INTRODUCCION A ORACLE: SQL Y PL/SQL	B. PROMEX	1868
6-Jan-97	10-Jan-97	SALON 3	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	1886
3-Feb-97	10-Feb-97	SALON 6	INTRODUCCION A ORACLE: SQL Y PL/SQL	BECARIOS-G1	1963
18-Feb-97	18-Feb-97	SALON 6	FUNDAMENTOS DE DEVELOPER/2000	BECARIOS-G1	1965
19-Feb-97	24-Feb-97	SALON 6	DEVELOPER/2000: FORMS I	BECARIOS-G1	1966
7-Mar-97	13-Mar-97	SALON 2	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	1916
14-Mar-97	14-Mar-97	SALON 2	FUNDAMENTOS DE DEVELOPER/2000	ABIERTO	1917
18-Mar-97	19-Mar-97	SALON 1	SQL PARA USUARIOS FINALES	TMM-G3	2202
2-Apr-97	8-Apr-97	U.A.N.L.	INTRODUCCION A ORACLE: SQL Y PL/SQL	B. CONFIA	2227
9-Apr-97	9-Apr-97	U.A.N.L.	FUNDAMENTOS DE DEVELOPER/2000	B. CONFIA	2236
10-Apr-97	15-Apr-97	U.A.N.L.	DEVELOPER/2000: FORMS I	B. CONFIA	2237
15-Apr-97	21-Apr-97	SALON 5	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	2249
16-Apr-97	29-Apr-97	SALON 4	CURSO VIEJO - BAP DEVELOPER/2000	SOCIOS	2212
28-Apr-97	2-May-97	SALON 6	INTRODUCCION A ORACLE: SQL Y PL/SQL	ACCEL	2287
6-May-97	7-May-97	INBURSA	FUNDAMENTOS DE DEVELOPER/2000	INBURSA	2175
8-May-97	16-May-97	INBURSA	DEVELOPER/2000: FORMS I	INBURSA	2176
19-May-97	2-Jun-97	INBURSA	DEVELOPER/2000 REPORTS	INBURSA	2177
3-Jun-97	5-Jun-97	INBURSA	DEVELOPER/2000 GRAPHICS	INBURSA	2180
11-Jun-97	25-Jun-97	TV AZTECA	DEVELOPER/2000: FORMS I	TV AZTECA	2250
11-Jun-97	25-Jun-97	TV AZTECA	DEVELOPER/2000: FORMS I	TV AZTECA	2275
23-Jun-97	27-Jun-97	ORACLE CHANNEL	INTRODUCCION A ORACLE: SQL Y PL/SQL	BECARIOS-A	2337
30-Jun-97	30-Jun-97	ORACLE CHANNEL	FUNDAMENTOS DE DEVELOPER/2000	BECARIOS-A	2338
1-Jul-97	4-Jul-97	ORACLE CHANNEL	DEVELOPER/2000: FORMS I	BECARIOS-A	2339
7-Jul-97	10-Jul-97	ORACLE CHANNEL	DEVELOPER/2000 REPORTS	BECARIOS-A	2340
21-Jul-97	1-Aug-97	SALON 7	DEVELOPER/2000: FORMS I	SHCP-GA*	2459
21-Jul-97	1-Aug-97	SALON 7	DEVELOPER/2000: FORMS I	SHCP-GB*	2468
4-Aug-97	7-Aug-97	SALON 1	DEVELOPER/2000 REPORTS	ABIERTO	2363
11-Aug-97	11-Aug-97	DECFC-DF	FUNDAMENTOS DE DEVELOPER/2000	DECFC-DF	2548
12-Aug-97	15-Aug-97	DECFC-DF	DEVELOPER/2000: FORMS I	DECFC-DF	2549
18-Aug-97	18-Aug-97	ORACLE CHANNEL	FUNDAMENTOS DE DEVELOPER/2000	ABIERTO	2636
19-Aug-97	22-Aug-97	ORACLE CHANNEL	DEVELOPER/2000: FORMS I	ABIERTO	2637
25-Aug-97	2-Sep-97	U.A.N.L.	INTRODUCCION A ORACLE: SQL Y PL/SQL	BANORTE- MTY	2763

Fecha Inicio	Fecha fin	Lugar	CURSO	Cliente	Prog.
25-Aug-97	2-Sep-97	U.A.N.L.	INTRODUCCION A ORACLE: SQL Y PL/SQL	BANORTE-MTY	2765
3-Sep-97	5-Sep-97	U.A.N.L.	FUNDAMENTOS DE DEVELOPER/2000	BANORTE-MTY	2764
8-Sep-97	13-Sep-97	U.A.N.L.	DEVELOPER/2000: FORMS I	BANORTE-MTY	2766
22-Sep-97	25-Sep-97	SALON 7	DEVELOPER/2000 REPORTS	SHCP-D1	2752
29-Sep-97	30-Sep-97	UNISYS	DEVELOPER/2000 GRAPHICS	ABIERTO	2528
1-Oct-97	3-Oct-97	UNISYS	TALLER DE APLICACIONES DEVELOPER/2000	ABIERTO	2529
6-Oct-97	6-Oct-97	UNISYS	FUNDAMENTOS DE DEVELOPER/2000	ABIERTO	2373
7-Oct-97	10-Oct-97	UNISYS	DEVELOPER/2000: FORMS I	ABIERTO	2374
14-Oct-97	17-Oct-97	U.A.N.L.	TALLER DE APLICACIONES DEVELOPER/2000	BANORTE-MTY	2771
20-Oct-97	20-Oct-97	SALON 7	FUNDAMENTOS DE DEVELOPER/2000	BECARIOS-62	2890
25-Oct-97	29-Oct-97	CES ENSENADA	DEVELOPER/2000 REPORTS	CES ENSENADA	2877
30-Oct-97	31-Oct-97	CES ENSENADA	DEVELOPER/2000 GRAPHICS	CES ENSENADA	2878
3-Nov-97	6-Nov-97	UNISYS-S1	DEVELOPER/2000 REPORTS	ABIERTO	2627
10-Nov-97	10-Nov-97	SALON 7	FUNDAMENTOS DE DEVELOPER/2000	A. HIDALGO	2948
11-Nov-97	14-Nov-97	SALON 7	DEVELOPER/2000: FORMS I	A. HIDALGO	2949
17-Nov-97	19-Nov-97	SONY TIJUANA	INTRODUCCION A ORACLE: SQL Y PL/SQL / ESPECIAL 24 HRS	SONY-TIJUANA	2955
21-Nov-97	26-Nov-97	SONY 97 TIJUANA	DEVELOPER/2000 REPORTS	SONY-TIJUANA	2957
27-Nov-97	28-Nov-97	SONY 97 TIJUANA	SQL Y SQL*PLUS AVANZADO	SONY-TIJUANA	2958
1-Dec-97	2-Dec-97	P2-SBC	ORACLE WEBSERVER VERSION 2: CONSTRUCCION DE APLICACIONES WWW	ABIERTO	2520
3-Dec-97	3-Dec-97	P1-SAB	ORACLE WEBSERVER VERSION 2 ADMINISTRACION	ABIERTO	2521
8-Dec-97	9-Dec-97	SALON 6	ORACLE WEBSERVER VERSION 2: CONSTRUCCION DE APLICACIONES WWW	ABIERTO	2522
10-Dec-97	10-Dec-97	SALON 6	ORACLE WEBSERVER VERSION 2 ADMINISTRACION	ABIERTO	2523
15-Dec-97	16-Dec-97	SALON 6	DEVELOPER/2000 GRAPHICS	ABIERTO	2539
17-Dec-97	19-Dec-97	SALON 6	TALLER DE APLICACIONES DEVELOPER/2000	ABIERTO	2540
12-Jan-98	13-Jan-98	BANCA PROMEX -GUA	SQL*FORMS V 3 / ESPECIAL 16 HRS	PROMEX-GUA	3446

Fecha Inicio	Fecha fin	Lugar	CURSO	Cliente	Prog.
19-Jan-98	22-Jan-98	ORACLE CHANNEL	DEVELOPER/2000: FORMS I	SHCP-G1	3435
21-Jan-98	30-Jan-98	SALON 1	DEVELOPER/2000: FORMS I	ABIERTO	3274
31-Jan-98	7-Feb-98	P2-SBC	DEVELOPER/2000: FORMS I	SOC-NAFIN- G2	3491
10-Feb-98	11-Feb-98	P2-SBC	ORACLE WEBSERVER VERSION 2: CONSTRUCCION DE APLICACIONES WWW	SOC-NAFIN- G1	3514
12-Feb-98	12-Feb-98	P2-SBC	ORACLE WEBSERVER VERSION 2 ADMINISTRACION	SOC-NAFIN- G1	3515
18-Feb-98	20-Feb-98	SALON 4	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	3098
23-Feb-98	26-Feb-98	P2-SBC	ORACLE WEBSERVER VERSION 2: CONSTRUCCION DE APLICACIONES WWW	SOC-NAFIN- G2	3520
27-Feb-98	28-Feb-98	P2-SBC	ORACLE WEBSERVER VERSION 2 ADMINISTRACION	SOC-NAFIN- G2	3521
2-Mar-98	5-Mar-98	P2-SBC	ORACLE WEBSERVER VERSION 2: CONSTRUCCION DE APLICACIONES WWW	SOC-NAFIN- G4	3608
6-Mar-98	7-Mar-98	P2-SBC	ORACLE WEBSERVER VERSION 2 ADMINISTRACION	SOC-NAFIN- G4	3609
21-Mar-98	28-Mar- 98	SALON 3	ORACLE WEBSERVER VERSION 2: CONSTRUCCION DE APLICACIONES WWW	CAPREPOLI	3482
23-Mar-98	24-Mar- 98	PE YP VH	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	PEYP	3624
25-Mar-98	27-Mar- 98	PE YP VH	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	PEYP	3625
4-Apr-98	4-Apr-98	SALON 3	ORACLE WEBSERVER VERSION 2 ADMINISTRACION	CAPREPOLI	3532
20-Apr-98	20-Apr-98	AFIANZADORA INSURGEN	FUNDAMENTOS DE DEVELOPER/2000	AFIANZADO RA INSUR.	3630
21-Apr-98	24-Apr-98	AFIANZADORA INSURGEN	DEVELOPER/2000: FORMS I	AFIANZADO RA INSUR.	3631
27-Apr-98	28-Apr-98	SALON 6	FUNDAMENTOS DE DEVELOPER/2000	CANALES-G1	3581
29-Apr-98	11-May-98	SALON 6	DEVELOPER/2000: FORMS I	CANALES-G1	3582
11-May-98	12-May-98	SALON 3	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	3117
13-May-98	15-May-98	SALON 3	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	3118
19-May-98	22-May- 98	ITESM-MTY	DEVELOPER/2000: FORMS I	ITESM-MTY	3768
25-May-98	26-May- 98	SALON 4	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	3121
27-May-98	29-May- 98	SALON 4	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	3122
1-Jun-98	1-Jun-98	GKN-1	FUNDAMENTOS DE DEVELOPER/2000	ABIERTO	3029

Fecha Inicio	Fecha fin	Lugar	CURSO	Cliente	Prog.
8-Jun-98	10-Jun-98	SALON 3	DEVELOPER/2000: FORMS II	ABIERTO	3231
22-Jun-98	23-Jun-98	SALON 4	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	3129
1-Jul-98	2-Jul-98	SERFIN	SQL*MENU V 5	SERFIN	4279
20-Jul-98	21-Jul-98	OAEP-U.A.N.L-2	FUNDAMENTOS DE DEVELOPER/2000	GPO DECO- UANL	4392
22-Jul-98	31-Jul-98	OAEP-U.A.N.L-2	DEVELOPER/2000: FORMS I	GPO DECO- UANL	4391
27-Jul-98	1-Aug-98	OAEP-U.A.N.L-2	INTRODUCCION A ORACLE: SQL Y PL/SQL	ITESM-UANL	4390
3-Aug-98	5-Aug-98	SALON 5	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	PEMEX	4303
10-Aug-98	11-Aug-98	SALON 4	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	4230
12-Aug-98	14-Aug-98	SALON 4	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	4231
17-Aug-98	19-Aug-98	OAEP-U.A.N.L-1	DESARROLLO DE MODELOS DE DATOS Y DIS. DE BD RELACIONALES	ABIERTO	4060
24-Aug-98	28-Aug-98	OAEP-U.A.N.L-2	INTRODUCCION A ORACLE: SQL Y PL/SQL	UANL	4413
20-Aug-98	26-Aug-98	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	4061
31-Aug-98	3-Sep-98	ITESM-MTY	DEVELOPER/2000: FORMS I	ITESM-MTY	4383
21-Sep-98	25-Sep-98	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	UANL	4508
28-Sep-98	29-Sep-98	OAEP-ESCOS	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	IMP	4509
12-Oct-98	12-Oct-98	OAEP-U.A.N.L-1	FUNDAMENTOS DE DEVELOPER/2000	ABIERTO	4071
19-Oct-98	23-Oct-98	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	PEMEX	4534
26-Oct-98	29-Oct-98	OAEP-U.A.N.L-1	DEVELOPER/2000: FORMS I	PEMEX	4536
3-Nov-98	6-Nov-98	OAEP-U.A.N.L-1	DEVELOPER/2000 REPORTS	PEMEX	4538
9-Nov-98	10-Nov-98	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	5094
11-Nov-98	13-Nov-98	OAEP-U.A.N.L-1	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	5093
23-Nov-98	24-Nov-98	PEMEX-VH	DEVELOPER/2000 GRAPHICS	PEMEX EXPL- PROD	5026
26-Nov-98	28-Nov-98	OAEP-ESCOS	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	IMP	4601
30-Nov-98	4-Dec-98	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	5154
3-Dec-98	4-Dec-98	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	5153
7-Dec-98	11-Dec-98	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	5155
15-Dec-98	18-Dec-98	OAEP-U.A.N.L-1	DEVELOPER/2000: FORMS I	GOBIERNO	5198
11-Jan-99	15-Jan-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	RPPYC	
18-Jan-99	20-Jan-99	OAEP-U.A.N.L-1	DESARROLLO DE MODELOS DE DATOS Y DIS. DE BD RELACIONALES	PRESIDENCIA DE MTY	
25-Jan-99	29-Jan-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	

Fecha Inicio	Fecha fin	Lugar	CURSO	Cliente	Prog.
25-Jan-99	25-Feb-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	
4-Feb-99	4-Feb-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
8-Feb-99	12-Feb-99	OAEP-U.A.N.L-1	DEVELOP PL/SQL PROGRAM UNITS	ABIERTO	
15-Feb-99	19-Feb-99	OAEP-U.A.N.L-1	FUNDAMENTOS DE DEVELOPER/2000	ITESM-CEGS	
1-Mar-99	5-Mar-99	OAEP-U.A.N.L-1	DEVELOPER/2000 FORMS 4.5 I	ABIERTO	
8-Mar-99	9-Mar-99	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	AVANTEL	
15-Mar-99	17-Mar-99	OAEP-U.A.N.L-1	DEVELOPER/2000 REPORTS 2.5	ABIERTO	
18-Mar-99	24-Mar-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	
25-Mar-99	25-Mar-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
5-Apr-99	6-Apr-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	
10-May-99	14-May-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
17-May-99	17-May-99	OAEP-U.A.N.L-1	FUNDAMENTOS DE DEVELOPER/2000	APPTECK	
19-May-99	21-May-99	OAEP-U.A.N.L-1	DEVELOPER/2000 FORMS 4.5 I	ABIERTO	
24-May-99	24-May-99	OAEP-U.A.N.L-1	DEVELOPER/2000 REPORTS 2.5	ABIERTO	
25-May-99	28-May-99	OAEP-U.A.N.L-1	DEVELOPER/2000 CONSTRUCCION DE FORMS I	GPO DECO-UANL	
3-Jun-99	4-Jun-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
7-Jun-99	10-Jun-99	OAEP-U.A.N.L-1	DEVELOP PL/SQL PROGRAM UNITS	ABIERTO	
21-Jun-99	25-Jun-99	OAEP-U.A.N.L-1	DEVELOPER/2000 FORMS 4.5 I	PROLEC	
28-Jun-99	28-Jun-99	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ITESM	
12-Jul-99	16-Jul-99	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	
19-Jul-99	19-Jul-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	AVANTEL	
23-Jul-99	23-Jul-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
26-Jul-99	29-Jul-99	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ITESM	
9-Aug-99	12-Aug-99	OAEP-U.A.N.L-1	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	
16-Aug-99	20-Aug-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	CEDETEL	
30-Aug-99	30-Aug-99	OAEP-U.A.N.L-1	DEVELOPER/2000 FORMS 4.5 I	ABIERTO	
31-Aug-99	2-Sep-99	OAEP-U.A.N.L-1	DEVELOPER/2000 REPORTS 2.5	ABIERTO	
7-Sep-99	10-Sep-99	OAEP-U.A.N.L-1	DEVELOPER/2000 CONSTRUCCION DE FORMS I	PROLEC	
15-Sep-99	17-Sep-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	
27-Sep-99	28-Sep-99	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	AVANTEL	
4-Oct-99	19-Oct-99	OAEP-U.A.N.L-1	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	ABIERTO	
11-Oct-99	11-Oct-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE: SQL Y PL/SQL	ABIERTO	

Fecha Inicio	Fecha fin	Lugar	CURSO	Cliente	Prog.
18-Oct-99	19-Oct-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
20-Oct-99	22-Oct-99	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE SPECIAL	SOCIOS	
3-Nov-99	3-Nov-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
8-Nov-99	8-Nov-99	OAEP-U.A.N.L-1	FUNDAMENTOS DE DEVELOPER/2000	ABIERTO	
9-Nov-99	12-Nov-99	OAEP-U.A.N.L-1	DEVELOPER/2000 FORMS 4.5 I	ABIERTO	
29-Nov-99	30-Nov-99	OAEP-U.A.N.L-1	ADMINISTRACION DE ORACLE WEB APPLICATION SERVER VERSION 3	ABIERTO	
13-Dec-99	13-Dec-99	OAEP-U.A.N.L-1	SQL II (SQL Y SQL*PLUS AVANZADO)	ABIERTO	
14-Dec-99	16-Dec-99	OAEP-U.A.N.L-1	ORACLE WEB APPLICATION SERVER V 3: DESARROLLO DE APLI. WEB	AVANTEL	
22-Nov-99	25-Nov-99	OAEP-U.A.N.L-1	DEVELOP PL/SQL PROGRAM UNITS	ABIERTO	
15-Nov-99	18-Nov-99	OAEP-U.A.N.L-1	DEVELOPR/2000 REPORTS 2.5	ABIERTO	
31-Ene-00	2-Feb-00	OAEP-U.A.N.L-1	DEVELOP PL/SQL PROGRAM UNITS	ABIERTO	
14-Feb-00	18-Feb-00	OAEP-U.A.N.L-1	DEVELOPER/2000 BUILD FORMS I	ABIERTO	
28-Feb-00	1-Mar-00	OAEP-U.A.N.L-1	DEVELOPER/2000 BUILD FORMS I	ABIERTO	
8-Mar-00	10-Mar-00	OAEP-U.A.N.L-1	ORACLE WEB APPLICATION SERVER V.3 DESARROLLO DE APLI. WEB	ABIERTO	
24-Abr-00	28-Abr-00	OAEP-U.A.N.L-1	INTRODUCCION A ORACLE 8	ABIERTO	
2-May-00	4-May-00	OAEP-U.A.N.L-1	DEVELOP PL/SQL PROGRAM UNITS	ABIERTO	

EDUCATION COORDINATOR

En este tema quiero compartir con Uds. El análisis del puesto adquirido actualmente, esta es una descripción general de las funciones de un Coordinar Educacional Oracle.

Proceso de impartición de cursos Oracle

Antes de que se imparta un curso en las instalaciones de la Facultad de Ciencias Físico-Matemáticas en la Universidad Autónoma de Nuevo León es necesario realizar lo siguiente

Preparar el curso:

En esta función estamos en contacto con soporte técnico Oracle y llevar el status de la Base de Datos, usuarios, scripts (prácticas en el cliente y/o en el Server), checar que el producto sea el adecuado del lado del cliente; en algunas ocasiones a soporte técnico se le olvida y en este caso lo tenemos que realizar en línea, es decir cuando el curso se está impartiendo lo cual quita imagen y tiempo al curso. Todo lo anterior es si nos confirmaron a tiempo en caso contrario se tiene que hacer fuera del horario o esperar a que se desocupen las salas o se preparen nuevos equipos. Por eso consideramos como fecha límite los viernes al mediodía para cerrar cursos.

Estudiar el curso:

En esta función no implica esta situación "ya me lo sé no es necesario estudiarlo", necesitamos considerar lo siguiente: los comentarios de las encuestas anteriores al mismo curso, evaluaciones que generen las mismas, verificar las direcciones siguientes en Internet: <http://www.oracle.com>, <http://education.oracle.com>, <http://education.oracle.com/latinoamerica> y estar informados de las actualizaciones y en los cursos y los nuevos release a los productos Oracle. Es importante estudiar los cursos de Oracle, mínimo con una semana antes de impartirlo, ya que a nuestras instalaciones llegan clientes con los siguientes perfiles: líderes de proyecto, gerentes, administradores, desarrolladores, usuarios finales entre otros; no todos los cursos se imparten de la misma manera. Aquí es importante considerar la creatividad ya que en ocasiones nuestros clientes toman series de cursos continuos donde el mismo instructor los imparte lo cual implica mejorar la técnica de estudio e impartición del curso.

Evaluar el curso:

En esta función se aplica un examen a cada participante del curso. Para ver el rendimiento adquirido durante las sesiones. Con respecto al curso realizamos una bitácora final donde registramos los comentarios de instalaciones, logística, materiales, metodología llevada durante el curso.

Este proceso se da para cada uno de los cursos impartidos.

Proceso de formación de gente interna.

Es importante para nosotros el área de Oracle Educacional apoyar y formar al personal de otros departamentos del Centro de Servicios en Informática, realizándolo de la siguiente manera:

Primero consideramos el material existente, si tenemos material en stock de cursos que no se han impartido o de cursos que sean obsoletos y además disponibilidad de un instructor local; el objetivo es que se vaya fogueando y en futuro poderlo impartir como el caso de Blanca Idalia. El proceso es: realizamos una convocatoria informando a todas las áreas del Centro, consideramos cuales son los prerequisites al curso así como la cantidad de participantes. La gente involucrada es la siguiente: Maricarmen, Martín, Caty, Marisol, Edna, Jorge, y Capacitación.

Al final de estos cursos se verifica como en todos los demás la credibilidad de la información se evalúa al instructor y a los alumnos con encuestas y comentarios.

Proceso de formación de instructores.

Para formar instructores en Oracle el proceso es el siguiente: Existen dos vías de autorización.

Primera vía: Aquí en Monterrey su atento y seguro servidor es la entidad autorizada para formar, evaluar y autorizar instructores en las áreas que en lo personal imparto incluyendo el tronco común. Cuando el instructor este listo se envía a México para su Vo. Bo. En alguna área diferente a la de su servidor, solo se prepara en tronco común y entra en los cursos como participante y después como segundo instructor en algún curso con instructor foráneo.

La segunda vía: es directamente en Oracle México con el coordinador correspondiente del área.

El hecho que formemos gente interna: es para tener mas salas, y me apoyen en la demanda de los cursos.

Cada instructor local y foráneo debe considerar el siguiente decálogo:

- Puntualidad
- Presentarse como instructor.
- Respetar la lista oficial de alumnos.
- Entregar el kit al participante, explicarlo y leer las políticas.
- Presentar el objetivo y alcance del curso.
- Respetar todos los horarios.
- Pasar lista diario.
- Aplicar las evaluaciones.
- Llenar la bitácora.
- Si surge algún problema (de cualquier índole), anomalía e inconformidad de algún alumno reportarlo inmediatamente.

Proceso de evaluación de productos Oracle.

Solicitud del producto:

En esta función nos apoyamos en las direcciones de Internet, para ver las tendencias a nivel Latinoamérica y a nivel mundial acerca de la tecnología de punta Oracle, así también de algún curso en puerta. Se solicita el producto con anticipación a soporte técnico: actualmente estos son los productos en puerta: Oracle 8i, Oracle 8i Lite, Developer/2000 ver 2, Developer/2000 ver 6, o en su caso algunos otro productos. En cuanto se tenga este producto: evaluar las características del mismo.

Evaluación del producto:

En conjunto con soporte técnico, evaluamos la instalación, novedades y que funcione, en su defecto si no funcionara en nuestros equipos, necesitamos o solicitar de nuevo el producto o acoplar nuestro equipo

Evaluar el curso:

Todos aquellos cursos que estén al alcance del Coordinador serán evaluados contra el material, practicas presentaciones, y productos en el cliente, en el servidor de aplicaciones o en el servidor de bases de datos. Implica mucho el producto, el curso nuestros equipos, posiblemente puedan ser días o semanas, para dar el Vo. Bo.

Proceso revisión de encuestas Oracle.

En esta función necesito dar el Vo.Bo. de lo que ocurrió al inicio, durante y al final de todos los cursos. Abarca los siguientes comentarios: Instructor, Curso, Material, Refrigerio o Logística, Equipo e Instalaciones, así como comentarios generales al mismo, en cada una de estas áreas necesitamos sacar 94 de acuerdo a las nuevas políticas de Oracle. En su defecto si tuvimos problemas comentarlo con cada responsable del área: Martín e Issachar son de soporte, Caty de Logística, Maricarmen y Marisol de ventas, en el caso de facturación con Caty y Maricarmen, y su servidor con cada uno de los instructores locales o foráneos.

Cuando se haya terminado cada curso las evaluaciones nos sirven de retroalimentación a cada una de las áreas, y al final del evaluación y revisión las archivo en las carpetas que sirven de histórico.

Proceso revisión de inventario en Materiales.

Se hace una revisión de los materiales, cuanto tenemos en stock y como andamos en reorder point, lo hacemos Caty y su servidor, no existe una fecha en especifico para esta actividad.

Proceso autorización de cursos y certificación en áreas Oracle.

Es muy importante en el mercado Oracle la certificación del profesionista, actualmente hemos logrado la certificación de Developer/2000 ver 1 y vamos por la certificación de Developer/2000 ver 2. La importancia para nosotros como Centro Autorizado, es tener gente certificada y de gran interés formarla. Estamos en espera del Vo. Bo. , Para tomar cursos de actualización en las áreas de Designer/2000, Developer/2000 ver 6 y Oracle Application Server 4.0, el mercado lo requiere y no podemos quedarnos atrás, tenemos que ir a la vanguardia con tecnología de punta.

Espero que est documento le sirva como información sobre las actividades que realizo y con la gente que estoy en contacto.

Quedo de Usted su atento y seguro servidor, en espera de sus comentarios.

Jr. José Luis Candelario Tovar
Education Coordinator

ORACLE CERTIFIED PROFESSIONAL PROGRAM

Oracle Education se convierte en Oracle University es decir una Universidad Mundial, donde no existan fronteras, ni limitantes y por consiguiente requiere de profesionistas certificados, a continuación les comento sobre el programa de certificación Oracle.

Un profesional certificado es hoy en día una necesidad de cualquier profesionista y corporativos que deseen participar en la globalización actual. Al ser un profesional certificado se tiene acceso a la comunidad the Oracle University Student Union, en donde encontrara Online Forums, Mini-Lessons, the OU Video Network y lo mas reciente.

Así también podrá acceder a Oracle Technology Network - El recurso interno para desarrolladores

Información sobre exámenes de Certificación.

Depende del tipo de empleado, características particulares de trabajo, el perfil de la gerencia etc. El track necesario para realizar los exámenes de certificación Oracle Estos son algunos de los exámenes de certificación, los exámenes de certificación que su servidor ha realizado son los que se encuentran con énfasis a continuación.

- Oracle 7.3 DBA
- Oracle8 DBA
- Oracle DBO
- Oracle Application Developer, Oracle Developer Rel. 1
- Oracle Application Developer, Oracle Developer Rel. 2
- Oracle Certified Applications Consultant, Oracle Financials R11

METODO DE EVALUACION DE LOS EXAMENES DE CERTIFICACION

Oracle frecuentemente publica nuevas versiones de exámenes de Certificación, se mantienen un standard consistente de eficiencia a través de las diferentes versiones del mismo examen, el pase del examen debe ser ajustado sobre la base de la dificultad de la nueva versión comparándolo con el nivel de dificultad de la anterior versión. Oracle puede publicar los nuevos release de los exámenes de Certificación y cambiar el pase sin notificar.

Por el momento el Pase para los exámenes de Certificación es de 620, hasta el mes de mayo de 1999 los rangos de evaluación del examen fueron entre 200 y 800 puntos, con un pase de 620 para cada examen. El sistema de evaluación para cada examen se considera los puntos de cada pregunta y varia entre los exámenes, los candidatos no pueden comparar sus registros entre exámenes. Oracle ha decidido abandonar esta escala y repartarla al registro de los candidatos.

Los cambios en los exámenes de certificación serán implementados a todos los exámenes de certificación se completaran en verano del 1999

Algunos ejemplos como los siguientes.

Application Developer, Oracle Developer Release 1

EXAMEN	NOMBRE	CORRECTA	TOTAL DE PREGUNTAS	PASE %
1Z0-001	Introduction to Oracle: SQL and PL/SQL	43	60	72%
1Z0-101	Develop PL/SQL Program Units	38	50	76%
1Z0-111	Developer/2000 Forms 4.5 I	42	60	70%
1Z0-112	Developer/2000 Forms 4.5 II	41	60	68%
1Z0-113	Developer/2000 Reports 2.5	42	60	70%

Cualquier duda puede consultar la dirección electrónica de los exámenes de certificación.

Application Developer, Oracle Developer Release 2

EXAMEN	NOMBRE	CORRECTA	TOTAL DE PREGUNTAS	PASE %
1Z0-001	Introduction to Oracle: SQL and PL/SQL	43	60	72%
1Z0-101	Develop PL/SQL Program Units	38	50	76%
1Z0-121	Oracle Developer Build Forms I	46	60	76%
1Z0-122	Oracle Developer Build Forms II	44	60	73%
1Z0-123	Oracle Developer Build Reports	43	60	72%
1Z0-120	Developer/2000 Release 2 New Features	45	60	75%

ORACLE TECHNOLOGY NETWORK NEWS.

Oracle proporciona este servicio para todas aquellas personas certificadas; cuyo objetivo es mantenernos enterados de las novedades en el mercado Oracle, certificación, productos, release y promociones beta, etc.

Mes a mes se nos envía fechas de eventos Oracle para citar un ejemplo: Oracle Open World que se celebrara en los Angeles CA.

Se nos hace una cordial invitación, así como la agenda del evento.

Si son exámenes de certificación, se nos informa de los nuevos programas de certificación, promociones o descuentos de exámenes y versiones beta de los mismos.

Adicionalmente se puede bajar software beta de las plataformas diversas en la que trabaja Oracle, código, ejemplos y herramientas.

Existen foros de discusión, descuentos, venta de libros, productos Oracle, entre otros.

En la parte de anexos coloco algunos e-mail recibidos por Oracle Technology Network.

CONCLUSIONES.

Concluyo al termino de este informe lo siguiente:

Aquí no hubo apareció el efecto costo de oportunidad, considerado como la mejor alternativa desechada; he elegido la mejor alternativa, dentro de los sistemas me he dedicado a las bases de datos y soy especialista en las mismas, considero que el aprender fuera de mi ciudad me dio mas perfil profesional, humano e intelectual.

La tecnología de punta se encuentra por todos lados, los sistemas o la informática avanza rápidamente, necesitamos estar actualizados e ir con la vanguardia, las nuevas tendencias no llegarán ya están aquí, sólo nos queda ser como las esponjitas aprender, aprender y aprender, sistemas operativos como NT, sistemas integrales como SAP, bases de datos como Oracle, lenguajes de desarrollo como Java y el Internet, vinieron y están para quedarse.

Me encuentro satisfecho y pleno por el desarrollo profesional que he adquirido a mi corta edad, busco metas adicionales a las que ya tengo, por ejemplo ser Directos de alguna empresa de sistemas, alguna Gerencia o simplemente crear mi propia empresa, en la cual aplique todo lo aprendido.

Las nuevas generaciones de usuarios, son más capaces y desarrollan rápido habilidades de sistemas y por lo tanto nosotros como gente de la misma área necesitamos transcender nuestra frontera de posibilidades a lo inalcanzable de sistemas.

Por todo esto gracias.

BIBLIOGRAFIA

Direcciones electrónicas:

- a) <http://www.oracle.com>
- b) <http://education.oracle.com>
- c) <http://education.oracle.com/latinoamerica>
- d) <http://education.oracle.com/certification>
- e) <http://www.oracle.com.mx>

ANEXOS

Subject: Oracle Education E-News August 1999

Date: Tue, 24 Aug 1999 10:01:54 -0700 (PDT)

From: enews@oracle.com

=====

Oracle Education E-News
August 1999

=====

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Contents in this edition include:

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NEW!!! Oracle Financial & Manufacturing CD-ROM Training
Oracle Developer Release 6 Classes
Get Certified as an Oracle NT Database Operator
Train for Certification with Oracle Education CD-ROM Bundles
Oracle8i DBA Courses Now Available
New Class for Application Developers: Advanced SQL
We've Got Java Training!
Register for the Fall OAUG Conference
Oracle Open World is Coming!!!
New Oracle Education Centers

Get a FREE Membership in the Oracle Education Student Union

Membership in the Oracle Education Online Community is FREE! And with
membership
comes perks - so become a member and here's what you'll get:

Online Mini Lessons: Learn about Oracle8, Java and Data Warehousing,
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User Forums: Post questions & get answers on Oracle Server, Data
Warehousing, Java and Certification

Member Resources: Links to Oracle Newsgroups, Training Articles and
Table of Contents for our most popular courses

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Interested in tapping into archives of existing Oracle courseware? Looking
for brief overviews before attending in-depth training? Take advantage of the
latest delivery medium to view course content on your desktop, anywhere, any

time.

Become a Student Union member and you'll have access to video archives on:

- Database Server
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- Business Intelligence
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Membership in the Student Union is FREE!

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 New Online Mini-Lessons Available in the Student Union

 Become a member of the Student Union and you'll have FREE access to our Online Mini-Lessons. These Mini-Lessons are brought to you in streaming video and can be viewed with the Real Network's RealPlayer G2.

Take a look at these 2 new tracks now available in the Oracle Education Student Union:

Oracle8i: PL/SQL Enhancements

- Overview of Oracle8i PL/SQL Features and Positioning
- Application Development Using Oracle8i PL/SQL
- Improving Application Performance Using Oracle8i PL/SQL Features

Web Tuning with Oracle Application Server

- Tuning Strategies for the Web
- OAS Architecture and Runtime Tuning

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 NEW!!! Oracle Financial & Manufacturing CD-ROM Training

 Training on Oracle Financial and Manufacturing Release 11 Applications products has never been easier. With Oracle Education's CD-ROM based training, sharpen your skills when and where you have the time.

Find CD-ROM based training for these new categories:

Oracle Financial Applications

[\http://education.oracle.com/wizard/product/second.cgi?cname=Oracle+Financia

Oracle Manufacturing

[\http://education.oracle.com/wizard/product/second.cgi?cname=Oracle+Manufact

Find course details and system requirements for all of our CD-ROM titles, then make your purchase online!

 Oracle Developer Release 6 Classes

 Get the training needed to capitalize on the powerful new features of the



latest release of the
 Oracle Developer product. With Oracle Developer you can quickly and easily
 construct
 sophisticated database forms, reports, charts, and business logic without
 writing a single line of
 code.

Click to view course descriptions, class schedules and to register online:

Oracle Developer Rel 1 to Rel 6 New Features
[\[http://education.oracle.com/new_desc/46013.html\]](http://education.oracle.com/new_desc/46013.html)
 Oracle Developer Rel 6: Build Forms I
[\[http://education.oracle.com/new_desc/43112.html\]](http://education.oracle.com/new_desc/43112.html)
 Oracle Developer Rel 6: Build Forms II
[\[http://education.oracle.com/new_desc/44112.html\]](http://education.oracle.com/new_desc/44112.html)
 Oracle Developer Rel 6: Build Reports
[\[http://education.oracle.com/new_desc/43212.html\]](http://education.oracle.com/new_desc/43212.html)

 Get Certified as an Oracle NT Database Operator

Oracle Database Operator on Windows NT is the newest course offering for those
 of you who
 are working with the NT operating system in a production environment with
 multiple Oracle
 databases. You'll gain practical experience installing and operating an
 Oracle database in an
 NT environment, as well as how to perform everyday administration task and
 solve common
 problems.

This unique course offering includes:

- 4 day workshop
- Trial version of the Oracle8.05 Enterprise Edition
- Self study CD which contains: 2 Interactive Courseware titles and 2
 Oracle Simulator
 Scenarios, Self Study SQL exercises and collateral

Participants can literally go back to their own site, install Oracle and
 enhance their skill s by
 working through an extensive self study component. Take the class and you'll
 be prepared for
 to take the Oracle NT DBO Certification. For information on the NT DBO
 Certification, visit
 the Oracle Certified Professional site:
<http://education.oracle.com/certification/html/new.html>

You can view the course description and find dates schedule in your area
[\[http://education.oracle.com/new_desc/30039.html\]](http://education.oracle.com/new_desc/30039.html)

 Train for Certification with Oracle Education CD-ROM Bundles

Training for Oracle Certification status has never been easier. Oracle
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 bundled CD-ROM training packages to help you develop the skills you need to
 take and pass
 our Certification tests. We'll even throw in a FREE OCP test voucher with
 each of these
 packages.



Click to get details on each of our OCP CD-ROM packages, then make your purchase online:

<http://education.oracle.com/icw/ocp.html>

Note: These packages are for single user, perpetual license only.

Oracle8i DBA Courses Now Available

Check out our new Database Administration courses which have been updated to include Oracle8i features:

Enterprise DBA Part 1A: Architecture and Administration

[http://education.oracle.com/new_desc/30049.html]

Enterprise DBA Part 1B: Backup and Recovery

[http://education.oracle.com/new_desc/30050.html]

Enterprise DBA Part 2: Performance and Tuning

[http://education.oracle.com/new_desc/30052.html]

Enterprise DBA Part 3: Network Administration

[http://education.oracle.com/new_desc/30051.html]

Oracle8i: New Features for Database Administrators

[http://education.oracle.com/new_desc/30046.html]

Oracle8i: Implementing Scalable Systems

[http://education.oracle.com/new_desc/30044.html]

Oracle8i: Parallel Server Implementation

[http://education.oracle.com/new_desc/30058.html]

New Class for Application Developers: Advanced SQL

In this two-day class, students will learn how to:

- Implement the Oracle8i features within applications
- Effectively design PL/SQL packages and program units to interface with external applications and the operating system
- Use the advanced features of the Oracle-supplied built-in packages
- Tune PL/SQL code effectively to maximize performance

Read the full course description, find class dates and register online at:

http://education.oracle.com/new_desc/40008.html

We've Got Java Training!

We have 2 new course offerings in Java Technologies curriculum that are now available in an Education Center near you.

Click on the link to view the course description, find class dates and register online. Java Programming (V2)

[http://education.oracle.com/new_desc/40003.html]

Develop Database Applications with Java (V2)

[http://education.oracle.com/new_desc/40025.html]

To see all the courses in our Java Technologies curriculum, or to find CD-ROM based training for this subject, go to:

<http://education.oracle.com/wizard/product/second.cgi?cname=Java+Technologies&cat=28>

Register for the Fall OAUG Conference

Register for the Fall 1999 OAUG Conference, September 26-30th in Orlando, FL.
Get registration and show details at: www.oaug.org

Oracle Education will be featuring Oracle Tutor, Technology-Based Training and over 30 mini-lessons during the OAUG conference. Visit the OAUG site for details and to register. There will be a Education SIG meeting on Sunday September 26th, from 1-3pm in Hall A Room 307 of convention center.

Oracle Education will offer the following discounts on the tradeshow floor:

- 20% discount on Instructor-Led Training
- 20% discount on Technology-Based Training
- 30% discount on OCP exams

All of the above are tradeshow discounts only, and cannot be combined with any other discounts.

Oracle Open World is Coming!!!

Oracle Open World
November 14 - 18
Los Angeles Convention Center

Experience Oracle Education at this year's Oracle OpenWorld and find out just how dynamic our line of services and products are. Our team of education professionals will be on hand to present more than 30 mini-lessons covering our most popular classes, including demonstrations of our latest Technology-Based Training products and Oracle's Certified Professional exams.

Visit the Oracle Education booth during to show to register and pay for training, and you'll receive a 20% discount. This discount applies only during the show, and cannot be combined with any other discounts.

For details on OOW and to register, please visit:
<http://www.oracle.com/openworld/>

New Oracle Education Centers

We are pleased to announce the opening of 2 new Oracle Approved Education Centers in the following locations:

Oracle Certified Professional Program



Diversified Computer Consultants
301 North Main Street Suite 1801
Greenville, SC 29601
1.800.309.1213

Solutech, Inc.
801 Grand Avenue Suite 3330
Des Moines, IA 50309
515.778.5017

To find classes at these locations and to register online, go to:
<http://education.oracle.com/wizard/date/>
Enter choose the State and date range you were interested in to obtain a listing.

The Developer's Resource: Oracle Technology Network

The Oracle Technology Network (OTN) is the definitive technical resource for building Oracle based applications for the Internet Platform. In addition to providing developers with early access to Oracle 8i, OTN offers FREE membership that allows members access to a wide variety of technical information about Oracle's products and technologies. Resources available through OTN include:

- Free Early Access Programs
- Free technology library featuring the latest Java technologies
- Free downloadable software
- Free newsgroup based support through partnership with Deja News

Visit <http://technet.oracle.com> today and register for FREE membership.

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Subject: E-News Flash

Date: Tue, 7 Sep 1999 15:43:34 -0700 (PDT)

From: enews@oracle.com

To: jltovar@fcfm.uanl.mx

E-News Members:

Please be advised that the Education SIG meeting at this Fall's OAUG conference had

Date: Sunday, September 26

Time: 12pm-2pm

Location: Room 307, Hall A, Orange County Convention Center

Agenda:

Introduction - Mitch Linnick - 12:00 - 12:30pm

- SIG Purpose, History, and Officers

- Upcoming Officer Nominations (Spring 2000) and Elections (Fall 2000)

- Mid-OAUG, SIG Update/Speaker Conference Call Series

- Web Page - Sara Kirby

- Update From Oracle - Erica Parsons

Discussion/Presentation - Habits of Highly Effective Oracle Trainers

Karen Ball (Center for Performance Improvement) - 12:30 - 1:00pm

Breakout Sessions* - 1:00 - 1:45pm

- Trends in Training Delivery - Kurt Dorner (DARC)/Dennis Bonilla (Oracle Education)

- Oracle Tutor - Stuart Dunsmore/Rene Rich

- Oracle Education - Curriculum Development - Erica Parsons (Oracle Education)

Wrap-Up - 1:45 - 2:00pm

- Breakout Group Presentations

- Next Steps

- Later

Breakout Session Detail:

During the SIG breakout sessions you will have the opportunity to meet with the Tuto

Oracle Certified Professional Program

At this fall's conference, OAUG attendees will have a special opportunity to registe

NOW AVAILABLE:

Oracle Certified Applications Consultant for Oracle Financials Track

(go to education.oracle.com/certification for exam details)

Register and pay for one exam and receive a 30% discount. Register and pay for 2 ex

Subject: Oracle Education E-News-September 1999

Date: Tue, 21 Sep 1999 21:50:01 -0700 (PDT)

From: enews@us.oracle.com

To: jltovar@fcfm.uanl.mx

=====

Oracle Education E-News

September 1999

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This absolutely FREE service is brought to you by Oracle Education - Americas.
Visit the Oracle Education Web Site at: <http://education.oracle.com>

"Helping you decide on the right IT training for you and your team."

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Contents in this edition include:

Oracle Education Student Union
Oracle Education Now Available in Des Moines!
Oracle8i New Features OCP Exam
New Java Oracle Certification Program Update
Oracle8 DBA Courses Get Updated
ODTUG 2000 Conference
OAUG News
Oracle Open World - Register By September 24th and Save \$200!
The Developer's Resource: Oracle Technology Network

Join the Student Union

The Student Union is an online community of like-minded Oracle professionals who are interested in continuing their learning experience outside of our classes.

Membership in this community is FREE - here's what you'll find:

Online Mini-Lessons: On the latest and greatest Oracle technologies
Online Video Channels: On tried-and-true Oracle technologies
Online Forums: Interact in our technology forums, hosted by Oracle Instructors
Coming Soon! Look for the new Oracle Applications forum in the Student Union.
Training Resources: Links to newsgroups, training articles, OCP resources & mor

Become a Student Union Member Today:
<http://education.oracle.com/studentunion>

Oracle Education Now Available in Des Moines!

In cooperation with our Education Partner, Solutech, we've opened a new Oracle Approved Education Center in Des Moines, Iowa. Classes begin in October. To register, call your Oracle Education Training Representative at 1.800.633.0575; or, contact Solutech at 1.800.676.9393.

Des Moines Class Schedule:

Introduction to Oracle: SQL and PL/SQL 10/11/99
Oracle 8 Database Administration 10/25/99
Develop PL/SQL Program Units 11/8/99

Oracle Certified Professional Program

SQL for End Users 11/11/99
 Introduction to Oracle: SQL and PL/SQL 11/15/99
 Oracle Developer: Build Reports 12/6/99
 Introduction to Oracle: SQL and PL/SQL 12/13/99



For a detailed map of our Des Moines education center, please visit
<http://www.vicinity.com/yt.hm?SEC=bpmmap&FAM=oraclecorp&FS=DM>

Get prepared for the Oracle8i New Features OCP Exam

The beta period for the Oracle8i upgrade exam concluded on Friday, August 20. The production version will be available on October 8th. Oracle8 Certified DBAs can upgrade their Oracle Certified Professional (OCP) status to Oracle8i by passing the 8i New Features exam. Oracle7.3 Certified DBAs must pass both the Oracle8 New Features and Oracle8i New Features exams to upgrade to Oracle8i.

Visit <http://education.oracle.com/certification/cp.new.html> for more details.

Need to prepare for the exam? We've got classroom training to help you prepare for this exam. Take our Oracle8i: New Features for Database Administrators class.

Click to view a course description & schedule:

http://education.oracle.com/new_desc/30046.html

New Java OCP Certification Track

Oracle Education is pleased to participate in the Certification Initiative for Enterprise Development with our new Java certification track. The Initiative is a multi-vendor collaboration to establish standards for knowledge and skill-levels for enterprise developers in the Java technology.

The certification track has 3 Levels:

Level 1, common to all vendors participating in the Initiative, is Sun Certified Programmer for the Java 2 Platform. The credential is awarded by Sun, but the test can be taken through Oracle.

Level 2 is the Oracle Certified Solution Developer - JDeveloper. Oracle's exam 1z1-Oracle JDeveloper: Develop Database Applications with Java will be available in beta version October 1 through November 11. The second test required for Level 2 Oriented Analysis and Design with UML, is currently available.

Level 3 is Oracle Certified Enterprise Developer - Oracle Internet Platform. This Level is still in development - visit the OCP website or future information.

To find out more about the Initiative and Oracle's Java certification track, visit the OCP web site at <http://education.oracle.com/certification>.

Oracle8 DBA Courses Get Updated

Our DBA courses have been updated to reflect the new features of the Oracle8i product. If you are currently on a Professional Development Path, or finishing an OCP track, follow the curriculum listed on that path. Both the Oracle8i DBA courses, and the Oracle8 DBA courses are still being offered.

To find course descriptions and view schedules for Oracle8i & Oracle8 courses, please visit <http://education.oracle.com/wizard/product/market.cgi?mkt=1>

Here are the titles of the updated courses:

Enterprise DBA Part 1A: Architecture and Administration
 [formerly Oracle8: Database Administration]

Enterprise DBA Part 1B: Backup and Recovery
 [formerly Oracle8: Backup and Recovery Workshop]

Oracle Certified Professional Program

Enterprise DBA Part 2: Performance Tuning
[formerly Oracle8: Performance Tuning Workshop]

Enterprise DBA Part 3: Network Administration
[formerly Oracle8: Network Administration]

ODTUG 2000 Conference

ODTUG 2000 Conference
June 12 - 15
Marriott Harbor Beach Resort
Fort Lauderdale, Florida

ODTUG 2000 will feature over 160 presentations from experienced Oracle users, trainers, and Oracle product managers on the following topics: Oracle Designer; Oracle Developer; Oracle JDeveloper; Oracle Discoverer; Data Warehousing; Methodology (Relational and Object-Oriented); Web Development and Deployment; and Languages (such as PL/SQL, Java and JavaScript).

The agenda includes a Sunday 3-hour seminar, 1-hour presentations, panels, Oracle Education mini-lessons, vendor demonstrations, and evening special events.

Keep checking the ODTUG Web site at www.odtug.com for details regarding the ODTUG 2000 Conference, call for papers, and registration information.

Keep checking <http://www.odtug.com> for details.

Oracle Applications User Group (OAUG) SIG News

It's OAUG time again!!! We're looking forward to seeing you at the SIG meeting in a few weeks!!!

Location: Orange County Convention Center, Hall A, Room 307
Date: Sunday, September 26, 1999
Time: 12pm - 2pm

Agenda:

Introduction - Mitch Linnick (Acting Chair), Senior Program Manager,
PricewaterhouseCoopers - 12:00 - 12:30pm
SIG Purpose, History, and Officers
Upcoming Officer Nominations (Spring 2000) and Elections (Fall 2000)
Mid-OAUG, SIG Update/Speaker Conference Call Series
Web Page - Sara Kirby - Director, San City Productions
Update From Oracle Education - Erika Williams, Sr. Director,
Applications Curriculum, Oracle Education

Discussion/Presentation - Karen Ball*, Center for Performance Improvement,
PricewaterhouseCoopers - 12:30 - 1:00pm

- Habits of Highly Effective Oracle Trainers

* Karen's bio will be available on the website @ www.oaug-tesig.org

Breakout Sessions* - 1:00 - 1:45pm

- Trends in Training Delivery - Kurt Dorner, Director of Education,
DARC/Dennis Bonilla, VP, Americas Education, Oracle Ed

- Oracle Tutor - Stuart Dunsmore, Tutor Product Manager, Oracle Ed

- Oracle Education - Curriculum Development - Erika Williams, Sr.
Director,

Applications Curriculum, Oracle Ed

*Each breakout session should assign both a wrap-up presenter and a note-taker

Wrap-Up - 1:45 - 2:00pm
 - Breakout Group Presentations
 - Next Steps

For more information visit <http://www.oaug-tesig.org>.

 Oracle Open World - Register by September 24th and Save \$200!

Oracle Open World
 November 14 - 18
 Los Angeles Convention Center

Register by September 24th receive a \$200 discount on the conference fee.

Experience Oracle Education at this year's Oracle Open World and find out just how dynamic our line of services and products are. Our team of education professionals will be on hand to present more than 30 mini-lessons covering our most popular classes, our latest Technology-Based Training (TBT) products, and Oracle's Certified Professional

Trade Show Floor Discounts:

20% off Instructor-Led Training
 20% off TBT Individual Titles
 10% off TBT Certification Bundles

For details on OOW and to register, please visit:
<http://www.oracle.com/openworld/>

 The Developer's Resource: Oracle Technology Network

 The Oracle Technology Network (OTN) is the definitive technical resource for building Oracle based applications for the Internet Platform. In addition to providing developers with early access to Oracle 8i, OTN offers FREE membership that allows members access to a wide variety of technical information about Oracle's products and technologies.

Resources available through OTN include:

Free Early Access Programs
 Free technology library featuring the latest Java technologies
 Free downloadable software
 Free newsgroup based support through partnership with Deja News

Visit <http://technet.oracle.com> today and register for FREE membership.

 E-NEWS is an e-mail newsletter from Oracle Education Americas.
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To remove yourself from E-NEWS: send a message to enews-request@oracle-education.com and write "unsubscribe" in the Subject Field

Subject: Oracle Education E-News-January 2000
Date: Wed, 5 Jan 2000 12:51:12 -0800 (PST)
From: enews@us.oracle.com
To: jltovar@fcfm.uanl.mx

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 Oracle Education E-News
 January 2000
 =====

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"Helping you decide on the right IT training for you and your team."

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 Contents in this edition include:

 **Get a FREE Oracle Fleece Pullover!
 **Oracle to retire Oracle7.3 DBA exams on August 31, 2000
 **Complete Course - The best way to accelerate your learning curve!
 **Build dynamic web sites and applications using WebDB
 **Course Updates for 2000!
 **New Oracle Approved Education Center in Sacramento!
 **Oracle Approved Education Center in East Lansing, Michigan
 **Check out iTAR through MetaLink 2.0 !

 Get a FREE Oracle Fleece Pullover!

 Register and attend one of core our Instructor-Led Training courses
 through January 28, 2000 and you'll receive a FREE Oracle Fleece
 pullover.

 To get details, and see a list of qualifying classes,
 visit <http://education.oracle.com/promo/fleece.html>

 Oracle to retire Oracle7.3 DBA exams on August 31, 2000

 In response to Oracle's desupporting the Oracle7.3 database as of
 June 1, 2000, the Oracle Certified Professional Program will retire the three exams
 specific to the Oracle7.3 Database Administrator track on August 31, 2000.
 The exams to be retired are:

 120-003: Oracle7.3 Database Administration
 120-004: Oracle7.3 Performance Tuning Workshop
 120-005: Oracle7.3 Backup and Recovery Workshop

The implications of this announcement are as follows:

1. Candidates who wish to complete this certification path must do so by August 31,
 Candidates who wish to earn DBA certification after this date can pursue eit
 or Oracle8i DBA certification.
2. Candidates who have passed the Introduction to Oracle exam (120-001) will maintai
 for that exam towards future tracks.

3. Currently, candidates who earned Oracle7 Chauncey certification receive Oracle University Credit following two exams:

1Z0-001: Introduction to Oracle: SQL and PL/SQL
1Z0-003: Oracle7.3 Database Administration exam

After August 31, Oracle will no longer award credit for these two exams to C certified individuals. Chauncey certified individuals interested in earning certification must pass the Performance Tuning and Backup and Recovery exams

Chauncey certified individuals who are applying credit for the Introduction towards ANY OTHER TRACK must pass the remaining exams in that track before A After August 31st, Oracle will no longer award credit for the Introduction t to Chauncey certified individuals.

4. Candidates will not be required to upgrade their certification to Oracle8 before The Oracle8: New Features for Administrators exam will remain available until Oracle8 core track is retired.

Oracle JDeveloper Discounted Beta Exam Opportunity Extended!

The beta period for the Oracle JDeveloper: Develop Database Applications with Java exam (Exam# 1Z1-502) has been extended to December 17th. The beta test will be offered for \$25 USD. For information on test content and program details, look over the candidate guide:

<http://oracle-edu.us.oracle.com/CERTIFICATION/javacguide.pdf>

Oracle8i beta period a success!

The beta period for the first two exams in the Oracle8i Track will conclude on December 3. Already, there are over 300 individuals registered to take the two exams. The other two beta exams will be available in the February/March timeframe. Here is an overview of the 8i track:

Exam Number	Title	Status
1Z0-001	Introduction to Oracle: SQL and PL/SQL	Production available
1Z1-023	Oracle8i: Architecture and Administration	Beta concluded
1Z1-025	Oracle8i: Backup and Recovery	Beta concluded
1Z1-024	Oracle8i: Performance and Tuning	Beta available
1Z1-026	Oracle8i: Network Administration	Beta available

Complete Course - The best way to accelerate your learning curve!

Our fundamental and Certified-level courses are generally offered in both Instructor-Led Training (ILT) and Technology-Based Training (TBT) versions similar content, different learning experience. Get live training from the experts, practice key concepts at your desktop, prepare for Certification at your leisure -- The Complete Course combines ILT, TBT, and new innovative online learning tools to give you the most power to accelerate your learning curve.

Please visit <http://education.oracle.com/complete/index.html> for details.

Build dynamic web sites and applications using WebDB

Oracle WebDB is a self-service web publishing solution that helps you build web site and applications with just a browser. Two new courses are available on



CD-ROM to help you use WebDB like a pro:

- 1) Creating Simple Web Applications with WebDB: Learn to create and update Web applications and build application forms, reports, charts and more.
- 2) Building Web Sites Using WebDB: Build, manage, and deploy dynamic web sites using the development capabilities of the WebDB Site Creation Wizard.

Please visit (Andrea, list links to the course descriptions for these courses) for d

New Oracle Approved Education Center in Sacramento!

In cooperation with Solutech, Inc., Oracle is opening a new training and education center in Sacramento. The new facility offers additional classrooms and updated courses featuring the latest versions of Oracle products and curriculum.
Visit us at: Solutech, Inc., 3010 Lava Ridge Court, Roseville, CA 95661.

This is the only Oracle Approved Education Center offering official Oracle training materials in Sacramento. Classes begin on February 7, 2000. To register, call your Oracle Education Training Representative at (800) 633-0575, or call Solutech at (800) 676-9393, ext. 300.

Oracle Approved Education Center in East Lansing, Michigan

In cooperation with our education partner, Professional Technical Development, Oracle is pleased to have opened an Oracle Approved Education Center in East Lansing, Michigan. To register, call your Oracle Education Training Representative at 1.800.633.0575; or, contact Professional Technical Development at 517.333.9363.

Course:	
Date:	
Introduction to Oracle: SQL and PL/SQL	1/03/00
Oracle Developer: Build Forms I	1/10/00
Oracle Developer: Build Forms II	1/18/00

For a complete listing of upcoming courses, please see:
<http://education.oracle.com/wizard/date/index.cgi>

Course Updates for 2000

Oracle 8i SQL Statement Tuning Workshop will replace Oracle 8 SQL Statement Tuning Workshop in February, 2000. The new course is now a three-day course and is available on the web site for registration.

Oracle 8i: Managing Data - 2 day course will be available in March, 2000 and will replace Oracle 8 for Application Developers which is a 3 day course.

Oracle 8i: Administering Oracle Internet Directory - 3 day course will be available in January, 2000. This is a brand new course.

Oracle Express Foundation (Release 6.3) - 5 days will be available in January. This will replace all Oracle Express Foundation classes in February. The current course is release 6.2.

Develop Applications with Oracle Express Objects - 5 days. This

course will be upgraded to Oracle Express Objects 6.3 in February.

Please visit <http://education.oracle.com/us/> for course schedules and updates.

Check out iTAR through MetaLink 2.0 !

In addition to Oracle's traditional phone support, we now offer iTAR, or

Internet Technical Assistance Request, through MetaLink 2.0. iTAR allows end-users to create, update and close TARs online. This provides a more flexible and up-to-date support system for end-users, and IS staff benefits from a streamlined, automated TAR system over the Internet. For example, iTAR submissions enable Oracle to match the right

level of technical skills from its support organization with the customer's skills and problem area.

OracleMetaLink and iTAR are offered at no additional charge to Oracle customers with active support contracts (OracleBRONZE, OracleSILVER and OracleGOLD). More than 180,000 Oracle customers use OracleMetaLink, accessing the site from more than 70 countries.

Customers can receive the latest benefits of MetaLink 2.0 by registering at (URL) <http://metalink.oracle.com/>. MetaLink 2.0, including iTAR, is available to all U.S. customers today.

E-NEWS is an e-mail newsletter from Oracle Education Americas. Keep informed about new training, offerings, programs and special educational promotions through E-NEWS.

Tell a friend to subscribe to E-NEWS: send a message to enews-request@oracle-education.com and write "subscribe" in the Subject Field.

To remove yourself from E-NEWS: send a message to enews-request@oracle-education.com and write "unsubscribe" in the Subject Field.

Subject: Oracle Technology Network - TechBlast

Date: Fri, 17 Sep 1999 23:11:44 -0700

From: "Oracle Technology Network" <OTNNEWS@US.oracle.com>

To: jltovar@fcfm.uanl.mx.ORACLE.TECHNOLOGY.NETWORK.TECHBLAST.9/15/99

In this issue:

- * Oracle OpenWorld '99
- * OTN for Partners
- * Sneak Preview of OTN's New Site
- * Reports61 Early Adopter Program
- * Java Certification
- * Y2K News
- * Regional Events

ORACLE OPENWORLD '99

November 14-18, 1999

Los Angeles Convention Center, California

Registration: <http://technet.oracle.com/cgi-bin/go?owreg>

This year's conference is dedicated to showing you how to move your business to an e-business and providing comprehensive technical training that will improve your Internet business and technical skills.

*Keynote Sessions- Hear the future of e-business from industry visionaries

*Technical Sessions- Over 300 sessions delivered by Oracle experts. Sessions are organized around five focus areas:

- Oracle e-business Solutions
- Developing for the Oracle Internet Platform
- Deploying, Managing and Administering the Oracle Internet Platform
- Data Warehousing and Business Intelligence
- Oracle Applications

*Hands on Sessions- Intensive 2-hour hands-on training. Experience hands-on the latest Oracle development tools and Enterprise Management tools.

*Oracle Technology Campgrounds- Over 150 Oracle product demonstration kiosks staffed by Oracle developers and Sr. Product Managers.

*iDBA Boot Camp- hosted by Oracle Education, the program is designed to deliver focused internet and database training to database administrators and Webmas

*For OTN Members only- Stay tuned for more information about the cool stuff that will be available at OpenWorld for OTN Members only.... see you there!

<http://technet.oracle.com/cgi-bin/go?owreg>

OTN FOR PARTNERS

Are you building web applications for profit? Then OTN for Partners is your portal into Oracle Technology. Free to developers at Oracle Partner Program (OPP) companies, OTN for Partners provides users with secure access to partner-only technical information and services. To access, update your OTN member profile with your company 12-digit OPP pin.

<http://technet.oracle.com/reg/update>

Oracle Certified Professional Program

PARTNER NEWSLETTERS

Sign up today to receive FREE email newsletters with a technology focus covering

- * Business Intelligence
- * Oracle Applications
- * Internet Tools

*General updates regarding Oracle Partner Program services

<http://technet.oracle.com/partners>

SNEAK PREVIEW OTN'S NEW SITE

OTN is proud to announce the development of a new and improved website. An improved user interface and better organization will help you find the information you need more quickly than ever before.

<http://technet.oracle.com/cgi-bin/go?newsite>

REPORTS 6i EARLY ADOPTER PROGRAM

Oracle Reports is an enterprise reporting tool used to build reports that dynamically retrieve, format, and distribute information stored in the database. Starting the week of Sept 20, 1999, join this OTN Early Adopter program and download Oracle Reports6i Beta for FREE.

New features include WebDB 2.1 Site Integration, XML Output, Enhanced Express Integration, and HTML Parameter Form Extensions.

<http://technet.oracle.com/product/olap/reports/>

JAVA CERTIFICATION

Take this free beta exam and begin your path toward Oracle's Java certification. There are only 150 seats available and registration begins September 30, 1999.

<http://technet.oracle.com/cgi-bin/go?classesjavaexam>

Y2K NEWS

Oracle offers a wide range of programs, tools, and services to help make your migration to Y2K-compliance a smooth process. When you are ready to take control of the Y2K situation, take advantage of Oracle's resources to assist you with your Y2K-compliance activities.

<http://www.oracle.com/year2000/>

ORACLE SERVER DATE HANDLING

This paper presents the storage mechanisms, flexibility, and behaviors associated with the DATE datatype. It also covers questions on date and time related issues.

http://www.oracle.com/year2000/pdf/server_dhwp.pdf

ORACLE DEVELOPER DATA HANDLING

This paper also includes guidelines for moving to Y2K-compliance in applications created with Oracle Developer products.

<http://www.oracle.com/year2000/pdf/d2kwp3.pdf>

REGIONAL EVENTS

iDEVELOP '99 - ONE DAY EVENT

September - December, 1999

20 US cities

If you missed the iDevelop Conferences, here's your chance to attend a ^{University} FREE one day seminar designed to help you build and deploy next-generation internet applications using Oracle 8i and Java development tools. You'll need to enter "guest" at the registration page log-in.

<http://technet.oracle.com/cgi-bin/go?idev-1day>

1ST ANNUAL MOBILE SOLUTIONS FORUM

October 26, 1999

Oracle Conference Center, Redwood Shores, CA

This day long event for system integrators will include business keynote presentations, mobile solution demonstrations, technical workshops and a mobile product exposition.

<http://technet.oracle.com/cgi-bin/go?mobileforum>

IOUG-A LIVE! 2000 CALL FOR PRESENTATIONS

May 7-11, 2000

Anaheim, CA

The International Oracle Users Group - Americas (IOUG-A) welcomes you to submit your paper presentation(s) for consideration at IOUG-A Live! 2000 (deadline for submission is 10/22/99).

<http://www.ioug.org/live2000>

Unsubscribe

When you registered at OTN, you indicated you would like to receive e-mail updates from us. If you do not want to receive future e-mails, please visit <http://technet.oracle.com/reg/update>, log in with your username and password, and UNCHECK the I wish to receive informational e-mails box.

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Subject: Oracle OpenWorld Online '99

Date: Sun, 7 Nov 1999 21:43:06 -0800

From: "Oracle Technology Network" <OTNNEWS@us.oracle.com>

To: jltovar@fcfm.uanl.mx

Dear OTN member,

For the first time ever, Oracle Corporation, the number one choice for e-business, will make its premiere user event, Oracle OpenWorld, available as a fully interactive Internet conference.

For knowledge, for tools, for networking - there is no better opportunity to get the information you need to take your e-business further.

Oracle OpenWorld Online '99 <http://www.oracle.com/openworld/online>

Read on for more:

- What is Oracle OpenWorld Online '99?
- Who should attend?
- What will I get from attending OpenWorld '99 Online?
- What do I need to attend?
- Why attend online?
- How much does it cost to attend?
- How do I register?

What is Oracle OpenWorld Online '99?

Oracle OpenWorld Online '99 is the first event of it's kind. The interactive conference will provide, via any Internet browser, the excitement of the Oracle OpenWorld experience direct from Los Angeles, without requiring people to leave their desks, at a fraction of the cost of in-person attendance.

"Oracle OpenWorld is the indisputable source of information that IT professionals need to give their companies the Internet advantage. Oracle owns the hottest technology; we support 93% of the publicly traded "dot-com" companies and are the driving force behind the e-business efforts of a majority of the Fortune 500," said Mark Jarvis, senior vice president, worldwide marketing, Oracle Corp. "In the past, you'd have to come to Oracle OpenWorld in Los Angeles to get this information. But this year, if you can't make it in person, you need to attend Online '99. We've removed the excuses; come and learn right from your desktop."

- Mark Jarvis - Senior VP of Marketing, Oracle Corporation

Who Should Attend?

Oracle OpenWorld Online '99 is for anyone who needs to understand how to move from business to e-business. Want to learn how to expand your markets? Increase efficiencies? Retain customers? Oracle OpenWorld Online '99 is the place for you.

What do I get from attending OpenWorld '99 Online?

This year's conference is dedicated to showing you how to move your business to an e-business and providing comprehensive technical training that will improve your Internet business and technical skills.

The conference sessions are aligned along five tracks including E-Business; Oracle Applications; Developing for the Oracle Internet Platform; Deploying, Managing, Administering the Oracle Internet Platform; Data Warehousing and Business Intelligence.

- Personal access to 19 technical sessions including video, audio, slides and chat
- 12 keynote sessions featuring industry visionaries such as Oracle's Larry Ellison
- Personal interaction with Oracle technical experts via daily chat

Oracle Certified Professional Program

sessions sponsored by OTN

- Viewing of the OpenWorld exhibit show floor via web cams
- Daily video highlights from the show
- Online entertainment from Macromedia
- On demand access to the complete conference assets from white papers to video files
- T-Shirts, screen savers and much, much more...

For the full '99 Online conference agenda please visit
<http://www.oracle.com/openworld/online/conference/>

What do I need to attend?

All you need is an Internet browser! For specific technical requirements please visit <http://www.oracle.com/openworld/online/registration/system.html>

Why attend online?

We know your time and money are valuable. It's not always convenient for you to travel to another city to network with industry "thought leaders" and e-business gurus. So this year, we're bringing the conference to you, right to your Internet browser in fact.

Make your favorite sandwich, grab a cup of Java and prepare to get it on online with the latest and greatest updates from Oracle Corporation and hundreds of other e-business leaders. Just imagine... no lining up at the airport, no fighting for cabs, no lost luggage, no expensive mini bar snacks. Just pure information, delivered to you through the comfort of your Internet browser, when you want it, how you want it.

How much does it cost to attend?

OpenWorld Online '99 costs just \$399.00 To sign up now direct your browser to <http://www.oracle.com/openworld/online/registration/>

How do I register?

To register for Oracle OpenWorld Online '99, please direct your Internet browser to <http://www.oracle.com/openworld/online/registration>

Regards,
Oracle Technology Network

Subject: Oracle Technology Network - TechBlast

Date: Sun, 14 Nov 1999 19:13:17 -0800

From: "Oracle Technology Network" <OTNNEWS@us.oracle.com>

To: jltovar@fcfm.uam.mx

ORACLE TECHNOLOGY NETWORK

TECHBLAST

11/12/99

In this issue:

- XML Developer's Kit
- Sneak Preview of Oracle Discoverer Release 3i
- Oracle JDeveloper 3.0 download
- A Word from Oracle Warehouse Experts
- A Message From Red Hat to You - Get the Official Linux Developer Starter Kit
- Oracle OpenWorld - Australia

XML DEVELOPER'S KIT

Download the FREE Oracle XML Developer's Kit and get the basic building blocks for reading, manipulating, transforming and viewing XML documents. You'll also find new technical papers on using XML for building relational database Internet applications, customizing data presentation, and exchanging data between applications.

<http://technet.oracle.com/tech/xml/?tb1112>

SNEAK PREVIEW OF ORACLE DISCOVERER RELEASE 3i

The upcoming release 3i of Oracle Discoverer Release allows end-users to use their favorite Web browser to perform ad-hoc queries and analysis of both warehouse and transactional data sources. Oracle Discoverer Release 3i is based on a true distributed CORBA architecture with automatic support for load balancing and failure recovery. An Early Adopter Program will be announced shortly at OTN, so stay tune! In the meantime check out the technical documentation.

<http://technet.oracle.com/products/discoverer?tb11112>

ORACLE JDEVELOPER 3.0

On Monday, Nov 14 download JDeveloper 3.0 - The JDeveloper Integrated Development Environment, excels in creating, debugging, and deploying component-based solutions. New in the 3.0 release of Oracle JDeveloper is Oracle Business Components for Java, an XML-powered framework for creating reusable business logic. The framework dramatically simplifies the development, delivery, and customization of Java business applications for the enterprise.

<http://technet.oracle.com/products/jdev?tb11112>

A WORD FROM ORACLE WAREHOUSE EXPERTS

Visit the Oracle Warehouse Resource Center's monthly newsletter to get a new view on; Life in the dot.com world, the fascination with data mining, or technical tips to please the DBA on steroids.

<http://technet/cgi-bin/go?warehousenews>

A MESSAGE FROM RED HAT TO YOU - GET THE OFFICIAL LINUX DEVELOPER STARTER KIT

Imagine a world where your code runs on an efficient operating system.

Now you can make that world a reality! Red Hat, Inc. is pleased to

offer the Red Hat Linux Developer Starter Kit. For only \$79.95, the Kit includes everything you need to start developing applications on Linux today:

- Red Hat Linux 6.1 Deluxe Edition
- Two whitepapers that will help you get started developing on Red Hat Linux
- Discount coupons good for 10% off Official Red Hat Training and 10% off Red Hat Developer Support Services
- A cool Red Hat baseball cap

Sound interesting? To order or learn more, go to
<http://www.redhat.com/explore/dsk> and enter offer code 4004

ORACLE OPENWORLD - BRISBANE, AUSTRALIA - NOVEMBER 20-24, 1999
Check out our comprehensive agenda and register at
<http://www.oracle.com.au/openworld/>

Regards,
Oracle Technology Network Team

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Subject: Oracle Technology Network - TechBlast

Date: Fri, 4 Feb 2000 09:06:20 -0800

From: "Oracle Technology Network" <OTNNEWS@us.oracle.com>

Oracle Technology Network - TECHBLAST

In this issue:

TOP ITEMS IN JANUARY 2000

- Top news
- Top downloads
- OTN survey

OTN FOR PARTNERS

- Oracle e-business Portals

ORACLE CERTIFIED PROFESSIONAL (OCP)

- Promotional offer for OCP

EVENTS

- Sun Technology Days
- Oracle8i Lite at Symbian Developers Network Conference

iSEMINAR WEBCAST

- Developing Mobile Applications with Oracle8i Lite?

TOP NEWS HEADLINES IN JANUARY 2000

- Updated FAQ on the JavaVM in Oracle8i.
[<http://technet.oracle.com/products/oracle8i/index2.htm?Info&htdocs/jservlet faq/i>]
- Oracle Migration Workbench for Solaris.
[<http://technet.oracle.com/software/tech/migration/workbench/software index.htm>]
- Introduction to Oracle Performance Tuning.
[<http://technet.oracle.com/products/oracle8i/index2.htm?Info&/doc/server.815/a67775/c>]
- Oracle Helps Eliminate E-Business Downtime.
[<http://technet.oracle.com/products/oracle8i/>]
- New Application Server 4.0.8.1 Documentation.
[<http://technet.oracle.com/products/oas/index2.htm?Documentation&listing.htm>]
- The latest iWorkplace Applications.
[<http://technet.oracle.com/tech/java/servlets/index2.htm?Code&iwork/iwork.htm>]
- New JDBC and ODBC Drivers.
[<http://technet.oracle.com/software/tech/java/sqlj jdbc/software index.htm>]
- Discoverer 3i Early Adopter.
[<http://technet.oracle.com/products/discoverer/index.htm>]
- Oracle8i Gets New Security Additions.
[<http://technet.oracle.com/products/oracle8i/index.htm>]
- Viewing and Transforming XML with Java.
[<http://technet.oracle.com/tech/xml/transview java/index.htm>]

Oracle Certified Professional Program

- JavaServer Pages download, sample code and live demos.
[<http://technet.oracle.com/tech/java/servlets>]
- Oracle8i PL/SQL Best Practices presentations.
[http://technet.oracle.com/tech/pl_sql/index.htm]
- New releases of interMedia Annotator.
[http://technet.oracle.com/software/products/intermedia/software_index.htm]
- SQLJ: Tricks, Traps, and Gems.
[http://technet.oracle.com/tech/java/sqlj_jdbc/index2.htm?Info&htdocs/index.htm]

TOP DOWNLOADS

- Application Server for Linux
- Developer 6.0
- JDBC & ODBC Drivers
- JDeveloper 3.0
- WebDB for NT
- WebDB for Linux

If you want to keep up to date with the latest software sent to directly on CD check out the OTN Technology Tracks at
[<http://technet.oracle.com/software/index.htm>]

OTN SURVEY

What was your best source of information and community support in 1999.

>From time to time OTN asks it members for feedback on how to improve Oracle's communication with developers and technologists. OTN is pleased to be able to provide this opportunity for your feedback.
[<http://technet.oracle.com/membership/survey.htm>]

OTN FOR PARTNERS

Oracle WebDB 3.0 Portal offers a complete solution for configuring and deploying an Enterprise Information Portal (EIP). The WebDB Portal provides a framework, a set of portal services, and standard methods for interacting with components that make up an EIP. Customers, partners, and integrators integrate enterprise information into WebDB Portal by developing Provider and Portlet procedures in accordance with the framework's open, public APIs.

To learn more about the framework and building portals go to
[<http://technet.oracle.com/products/webdb/>]

To learn about the "Oracle E-Business Portals Partner Initiative" go to
[<http://www.oracle.com/tools/portal/>]

ORACLE CERTIFIED PROFESSIONAL

Promotional OFFER !

[<http://www.oracle.com/go/?&Src=134629&Act=2>]

Oracle welcomes the 21st Century by awarding 21 Oracle Certified Professionals (OCP) members free certification testing for the rest of the millennium. Not yet certified? Your still eligible! Take advantage of training and testing discounts to become an OCP member.

OTN Discount to Help you Get Certified!

Oracle University is offering a 30% discount on OCP exams through May 31, 2000. To register, please contact your local Sylvan Prometric Regional Service Center and mention Promotion Code # OCP2K.

[<http://www.oracle.com/go/?&Src=134629&Act=Thx>]

EVENTS

Sun Technology Days

The Sun Technology Days are moving on to Asia-Pacific. Oracle, the exclusive premier sponsor, and Sun Microsystems are teaming up to deliver a comprehensive 2 day conference throughout Asia.

The in-depth sessions from Oracle will focus on using Java to build enterprise applications using J2EE enterprise APIs. Developers will get a better understanding of enterprise technologies like EJB, JNDI, JDBC, Java Stored procedures, XML and ANSI standards like SQLJ to build scaleable applications on the Oracle Internet Platform.

For full conference details and to register go to

[<http://www.sun.com/developers/techdays/>]

If you haven't registered yet, do so now. Space is limited!

Oracle8i Lite at Symbian Developers Network Conference

February 15-17, Santa Clara Convention Center, Santa Clara CA

Oracle8i Lite supports Symbian's EPOC OS today -- letting you develop next generation mobile applications for smart phones, palm-sized computers, etc. Get up to speed with the hottest technology including: wireless, smartphones, embedded databases, Java, etc. Attend Oracle's tracks and visit our booth to learn how we enable solutions in the wireless mobile space.

For conference information:

[<http://www.epocworld.com/us2000/usindex.htm>]

For more information on Oracle8i Lite: [<http://www.oracle.com/mobile/>]

Developing Mobile Applications with Oracle8i Lite? Then don't miss the February iSeminars!

February 16 it's Bringing it Home: Data Replication and Application Deployment to Mobile Devices.

February 21: Deployment of 100% Centrally Manage Applications on Handheld Devices.

February 29th: Portal-to-Go: Extend the Internet to Wireless Devices.

Register at: [<http://www.oracle.com/iSeminars/>]

Regards,

Oracle Technology Network Team

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Subject: TechBlast - Oracle Technology Network

Date: Thu, 16 Mar 2000 13:40:55 -0800 (PST)

From: "Oracle Technology Network" <OTNNEWS@us.oracle.com>

Oracle Technology Network - TECHBLAST
March, 2000

In this issue:

IN THE NEWS

- Top OTN news headlines
- Top downloads

ORACLE CERTIFIED PROFESSIONAL (OCP)

- OTN Discount to Help you Get Certified!

ORACLE STORE

- The Oracle Store, A Simple Way to Buy Oracle Products and Services Online

EVENTS

- XML ONE Returns! [March 28-31, Austin, TX]
- IOUG-A Live! 2000 [May 7- 11, Anaheim, CA]
- Oracle in Action 2000 [March-April, Australia and New Zealand]
- OAUG - [April 25-29, Philadelphia, PA]
- Advanced Technical Seminars - AP

E-BUSINESS NETWORK

- The Technology Channel

eShows

- > *Geek of the Week*
- > *The Blair DBA Project*
- > *Hear Bill Joy, Sun Microsystems' CTO, describe his journey from Berkeley to Sun*

eSeminars

- > *E-Business Intelligence Portals to Turn Insight Into Action*
- > *Building the Self-Service Intranet Portal*
- > *Metadata & Data Mining: Optimizing Your Customer Analysis and Reporting*

The eLearning Channel

- > *Oracle PL/SQL (four part series).*
- > *Greenspun's One Day Web Course*
- > *SQL*Plus (four part series).*

TOP NEWS HEADLINES

- Learn how to build Java Internet Applications. Posted February 29th, 2000
http://technet.oracle.com/products/jdev/index2.htm?Info&htdocs/jds_oip.htm

- New Oracle XML Transviewer Beans. Posted February 28th, 2000
http://technet.oracle.com/tech/xml/transview_java/index2.htm?Info&/software/tech/xml

- iDevelop 2000 Preview. Posted February 24th, 2000
<http://technet.oracle.com/events/idevelop2000/index.htm>

- Oracle8i Release 2 development guides. Posted February 22nd, 2000
http://technet.oracle.com/products/oracle8i/index2.htm?Info&/doc/oracle8i_816/produ

- Oracle Java Roadmap. Posted February 21st, 2000
<http://technet.oracle.com/tech/java/jroadmap>

- Want PL/SQL sample code? Posted February 18th, 2000
http://technet.oracle.com/tech/pl_sql/index2.htm?Code&listing.htm
- New Java Documentation. Posted February 16th, 2000
http://technet.oracle.com/tech/java/sqlj_jdbc/index2.htm?Documentation&listing.htm
- Internet Application Hosting on Oracle survey and the Oracle iHost starter kit. Po
http://technet.oracle.com/partners/htdocs/ihost_index.htm
- Exchanging Data via XML. Posted February 14th, 2000
<http://technet.oracle.com/tech/xml/info/index2.htm?Info&htdocs/portaltogo/ptghome.ht>
- Oracle8i and Internet Security. Posted February 11th, 2000
<http://technet.oracle.com/products/oracle8i/>
- Supercharge your web site with Oracle8i interMedia. Posted February 10th, 2000
<http://technet.oracle.com/products/intermedia/>
- Developing and Deploying Enterprise JavaBeans. Posted February 9th, 2000
<http://technet.oracle.com/products/jdev/>
- Oracle8i install FAQ for Redhat Linux 6.1. Posted February 8th, 2000
<http://technet.oracle.com/tech/linux/htdocs/install.pdf>
- JDBC 2.0 Sample Code. Posted February 7th, 2000
http://technet.oracle.com/tech/java/sqlj_jdbc/index2.htm?Code&files/jdbc20/jdbc20.ht
- New release of Oracle AppWizard for Microsoft Visual InterDev. Posted February 3rd
http://technet.oracle.com/tech/nt/app_wizards/
- XML and the Oracle Internet Platform. Posted February 2nd, 2000
<http://technet.oracle.com/tech/xml/info/index2.htm?Info&htdocs/relational/index.htm>
- What is the hottest selling Oracle book? Posted February 1st, 2000
<http://www.amazon.com/exec/obidos/external-quicksearch/oracletechnology/0072122420>

TOP DOWNLOADS

- Oracle8i Lite
- Personal Oracle8i
- Oracle8i on NT
- Oracle8i on Linux
- WebDB on NT
- JDeveloper

If you want OTN to send you the latest Oracle software directly on CD, check out the OTN Technology Tracks at:
<http://technet.oracle.com/software/index.htm>

ORACLE CERTIFIED PROFESSIONAL

Are You Certifiable???

Professional certification is a badge of excellence in the IT community. It is fast becoming the ticket to the best jobs, with the most desirable certification in the industry coming from Oracle! According to a Gartner Group/Dataquest, Inc. Perspective report entitle, "Value of IT Certification," authors Mannion and Sweeny found that managers value certification because it increases quality and productivity of work, results in less turnover, and is often considered to be a competitive differentiator. Fortunately, for those OTN members you are walking around without this coveted certification, help in on the way with

special promotion.

OTN Discount to Help you Get Certified!

Oracle University is offering Oracle Technology Network members a 30% discount on OCP exams through May 31, 2000.

To take advantage of this offer, go to:

<http://www.oracle.com/go/?&Src=134744&amp;Act=17>

ORACLE STORE

Oracle Store News.....

- Applications Available Online!
- Request Sales Assistance - before submitting your online order, you can request your Oracle Sales Rep to review your order for accuracy and completeness.
- Save or Share Your Shopping Cart With Others
- Purchase Orders Accepted Online

The Oracle Store, A Simple Way to Buy Oracle Products and Services Online

<http://oraclestore.oracle.com>

The Oracle Store accepts U.S. orders only. For international orders, please contact your local sales office directly at:

<http://oraclestore.oracle.com/cec/cstage?eccookie=&ecaction=ecpassthru&amp;templ>

EVENTS

XML ONE RETURNS!

Sponsored by Oracle, Bluestone, eXcelon, Progress Software, IBM & OASIS
March 28-31, Austin, TX

Join Oracle and other top XML tool vendors at the most technically advanced XML conference of the year! Our best ever technical program has over 57 intermediate and advanced classes with over 100 hours of information.

The 4 power tracks include:

- ** XML-based Content on the Internet
- ** XML-based Commerce on the Internet
- ** Implementing XML-based Software
- ** XML in the Enterprise

<http://www.xmlconference.com/xmlusa>

IOUG-A Live! 2000, May 7 - 11, Anaheim Convention Center

<http://www.ioug.org/live2000>

The 2000 program content offers incredible depth and diversity. There are more than 360 technical sessions organized into nine critical focus areas. IOUG-A Live! is also an excellent opportunity to interact with executives, product managers, trainers, and others from Oracle Corporation. They will be there to share their knowledge on everything from strategic issues to getting most from their products.

Register by April 7 and take advantage of NEW Value Packages which

include conference registration and accommodations for one low price. University
The benefit of registering early is two-fold because registered attendees
are given access to session papers in advance on the conference Web site.
<http://www.ioug.org/live2000>

Oracle in Action 2000 - March-April, Australia and New Zealand

Activate your awareness

To build your e-business of tomorrow it is imperative that you address the
core technology issues today. Oracle Corporation together with its partners,
will showcase technology such as high availability, business intelligence,
appliances, portals and packaged applications, all of which underpins the
world's most successful e-businesses of today.
<http://www.oracle.com.au/oia2000>

OAUG - April 25-29, Philadelphia, PA

This four and one-half day event will bring you a wide range of topics of
paper presentations and panel discussions, training by Oracle on current
releases, product Q&A sessions, Oracle Applications Product directions and
hands on demo areas.
<http://technet.oracle.com/events/index.htm>

ADVANCED TECHNICAL SEMINARS - AP

Foundations for Advanced Tuning

- Speaker: Steve Adams, author of the popular book "Oracle 8i Internal
Services for Wait, Latches, Locks and Memory", consultant and leading
world expert on Oracle performance tuning.
- Purpose: Identify and understand the undocumented tuning features in
Oracle databases, 7.3 and above.
- Dates and Locations: 5 locations around Australia in early May, 2000.
- For more information call: 1800 025 855 or email oraclembtl@au.oracle.com

Mobile Computing with Oracle8i Lite Technical Seminar

- Speaker: Mary Law, Oracle technical consultant
- Purpose: Understand Oracle's mobile solutions, including synchronizing
and replicating data, programmatic interfaces and Oracle 8i Lite
"web-to-go"
- Date and locations: 3rd April - Hong Kong, 5th April, 2000 - Singapore
- For more information and registration:
Hong Kong - Call Oracle University on Tel : 2778 2330 or
<http://www.oracle.com.sg/hk/edu>
Singapore - Call Oracle University on Tel: 339 6116 or
email cleong@sg.oracle.com

E-BUSINESS NETWORK

Note: You can log into the E-Business Network Channels with your
OTN UserName/Password

The Technology Channel @ <http://www.oracle.com/ebusinessnetwork/channel2/index.html>

eShows

- > *Geek of the Week, Elance.com CEO Sanjay Noronha describes his company as
"the global services marketplace."*
- > *The Blair DBA Project*
- > *Hear Bill Joy, Sun Microsystems' CTO, describe his journey from Berkeley to Sun*

eSeminars

- > *E-Business Intelligence Portals to Turn Insight Into Action*

Oracle Certified Professional Program

- > Building the Self-Service Intranet Portal
- > Metadata & Data Mining: Optimizing Your Customer Analysis and Reporting

The eLearning Channel @ <http://www.oracle.com/ebusinessnetwork/channel3/index.html>

> Oracle PL/SQL is a powerful and flexible procedural language aimed at the database application development community demanding high productivity and performance. The language is an extension of industry standard SQL and is tightly integrated with the Oracle database server. Check out the four part series.

> Greenspun's One Day Web Course

Professor Phillip Greenspun designed and teaches the MIT computer science department's first course on Web technology. His current web interests are scalable software for online communities, and collaborative exchange and evolution of data models. This is the man to see about web technology!

> SQL*Plus is the primary interface to Oracle8i and provides a powerful yet easy to use environment for querying, defining and controlling data and objects. SQL*Plus delivers a full implementation of Oracle SQL and PL/SQL, along with a rich set of extensions.

Regards,
Oracle Technology Network Team

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Dear Oracle Certified Professional:

Congratulations on becoming an Oracle Certified Professional (OCP)! By passing all of the tests in your certification track, you have demonstrated your personal commitment to excellence in your field.

Oracle is proud to award you the enclosed OCP Certificate. We encourage you to display it as a symbol of your hard work and technical skill. If you would like to show off the OCP logo on your business card or resume, please read, sign and return the enclosed contract.

Oracle is also pleased to make a special offer only available to OCPs - a FREE membership to a Developer Track within the Oracle Technology Network (over a \$500 value). The Oracle Technology Network is Oracle's program for assisting global technology implementers in efficiently using Oracle technology to build and deliver business solutions. The Oracle Technology Network is also your complete technical resource for building Oracle-based applications. Please log onto: <http://technet.oracle.com/register/ocp.htm> to register.

Thank you for your commitment to the OCP Program and your continuing participation in Oracle Education. Our job role-related training is the most efficient way to prepare for certification--as well as continuing recertification on new Oracle technology. Together, Oracle Education and the OCP Program pave a clear path to career excellence over the long term. If you have any questions about our programs, please don't hesitate to call your local Oracle Education representative.

Again, congratulations on your achievement, and best wishes for your continued success.

Sincerely,

**Klaus Andersen
Vice President
Oracle Education**

December 6, 1999

Jose Luis Candelario Tovar
Deprosoft
Santa Maria De La Ribera 136
Interior 1c
Mexico D F
Mexico

Dear Jose Luis Candelario Tovar:

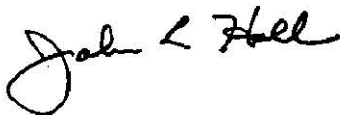
Congratulations on becoming an Oracle Certified Application Developer, Oracle Developer Release 2! By passing all of the tests in this certification track, you have joined an elite group of Oracle professionals who have demonstrated a commitment to excellence using Oracle's leading technologies.

In recognition of your accomplishment, we are proud to award you the enclosed Oracle Certified Professional Certificate. We encourage you to display this as a symbol of your hard work and technical expertise. You are also entitled to include the Oracle Certified Professional logo on your business card or resume. Additional information on this and many other benefits of certification is provided in the enclosed OCP success kit, including ordering information on an exclusive line of Oracle Certified Professional promotional items.

Thank you for making an investment in your career and a commitment to Oracle technology by becoming an Oracle Certified Professional. We hope you enjoy the rewards of certification. Please do not hesitate to contact your local Oracle University representative to plan additional training in one of our Masters paths or when it is time to upgrade your skills using new Oracle technologies. For the latest information on Oracle University course offerings and certification tracks, please visit: <http://education.oracle.com>

Congratulations on your achievement and best wishes for your continued success.

Sincerely,



John L. Hall
Senior Vice President
Oracle Corporation

Oracle Certified Professional Logo Agreement

To use the OCP Logo and receive the OCP Logo Usage Guidelines and artwork, You must forward this Oracle Certified Professional Logo Agreement (the "Agreement") fully executed to Oracle Corporation ("Oracle") at the address listed on the signature page. You agree to be bound by the terms and conditions provided below:

I. DEFINITIONS.

Throughout this Agreement, the following terms will have the meanings set forth below:

1.1 "OCP Logo" shall mean the Oracle Certified Professional Logo design mark depicted in the OCP Logo Usage Guidelines provided to You.

1.2 "Licensed Services" shall mean services provided by You.

II. RIGHTS GRANTED

2.1 License Granted

Subject to the terms and conditions set forth in this Agreement, Oracle hereby grants You a non-exclusive, non-transferable, personal right to use the OCP Logo on Your resumes and business cards solely in connection with Your provision of Licensed Services. You are granted no other right, title, or license to the OCP Logo or any other Oracle trademarks or logos.

2.2 Limitations on Use of Mark

You agree not to use the OCP Logo in any manner that Oracle, in its sole judgment, deems to: (a) be in poor taste; (b) diminish or otherwise damage Oracle's reputation or its goodwill in the OCP Logo; (c) misrepresent Your relationship with Oracle; (d) be unlawful; or (e) have the purpose, object or intent to encourage unlawful activity by others.

2.3 Compliance with Guidelines

You agree that Your use of the OCP Logo shall be in strict compliance with the OCP Logo Usage Guidelines, and You shall use only Oracle supplied OCP Logo artwork.

III. RESERVATION OF RIGHTS

You acknowledge the value of the goodwill associated with the OCP Logo and "Oracle" trademark, and acknowledge that such goodwill exclusively inures to the benefit of and belongs to Oracle. Oracle retains all rights not expressly licensed to You under this Agreement.

IV. QUALITY CONTROL

You agree that the Licensed Services shall meet Oracle's quality standards. Oracle, in its sole judgment, shall have the right to determine whether Your use of the OCP Logo and Your Licensed Services meet Oracle's quality standards. You agree that, when requested by Oracle, You will supply to Oracle, at Your expense, a copy of any of Your resumes or business cards bearing the OCP Logo.

IV. PROTECTION OF MARK

5.1 Protection of Mark

You agree to assist Oracle, to the reasonable extent necessary, to protect or to obtain protection for any of Oracle's rights to the OCP Logo.

5.2 No Unauthorized Use Or Registration

You agree not to: (a) use the OCP Logo except as specifically authorized under this Agreement; (b) file any application to register, in any class and in any country, any trademark or service mark for the OCP Logo, or any other mark confusingly similar to the OCP Logo; and (c) use Oracle trademarks or potentially confusing variations of Oracle trademarks (including "Ora") as part of Your company name, product names or service names.

VI. TERM AND TERMINATION

6.1 Term

This Agreement shall commence on the date You sign it, provided, however, this Agreement shall only be valid if (a) absolutely no changes are made to this Agreement as written by Oracle and (b) You have a valid, current certification from Oracle at the time You sign this Agreement. This Agreement shall expire upon termination of the Oracle Certified Professional Program Candidate Agreement between You and Oracle unless otherwise terminated in accordance with the terms and provisions of this Agreement.

6.2 Termination

This Agreement may be terminated by Oracle upon thirty (30) days notice if You breach this Agreement in any way.

6.3 Effect of Termination

Upon termination of this Agreement, You shall immediately discontinue all use of the OCP Logo, and the license and rights granted hereunder shall terminate completely.

6.4 Survival

Rights and obligations under this Agreement which by their nature should survive, including, but not limited to, Sections 3, 5, 6.4, 7, 8 and 9, will remain in effect after termination or expiration hereof.

VII. DISCLAIMER, LIMITATION OF LIABILITY

ORACLE MAKES, AND YOU RECEIVE, NO WARRANTIES OR CONDITIONS OF ANY KIND, EXPRESS, IMPLIED OR STATUTORY, RELATED TO OR ARISING IN ANY WAY OUT OF THIS AGREEMENT. ORACLE SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ORACLE BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR USE) ARISING OUT OF THIS AGREEMENT OR INCURRED BY ANY PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, EVEN IF ORACLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ORACLE'S LIABILITY FOR DAMAGES HEREUNDER SHALL IN NO EVENT EXCEED THE AMOUNT OF FEES ACTUALLY PAID TO ORACLE UNDER THIS AGREEMENT.

VIII. INDEMNIFICATION

You agree to indemnify and hold Oracle harmless against any loss, liability, damage, cost or expense (including attorneys' fees) arising out of any claims or suits which may be brought or made against Oracle arising out of or in any manner connected with: (a) Your use of the OCP Logo; and/or (b) Your promotion, sale, performance, or distribution of Licensed Services.

IX. OTHER PROVISIONS

9.1 No Joint Venture or Partnership

This Agreement shall not create a joint venture, partnership, principal-agent, employer-employee, or similar relationship between the parties. You will not represent Yourself as an agent, employee, consultant, contractor or legal representative of Oracle Corporation or any subsidiary thereof based upon this Agreement.

9.2 Waiver and Severability

The waiver by either party of any default or breach of this Agreement shall not constitute a waiver of any other or subsequent default or breach. In the event any provision of this Agreement is determined to be invalid or unenforceable by a court of competent jurisdiction, then the other provisions of this Agreement shall continue in full force and effect.

9.3 No Assignment

This Agreement may not be assigned by You in whole or in part. Any attempted assignment shall be null and void.

9.4 Injunction

You recognize and acknowledge that a material breach by You of any of Your covenants, agreements or undertakings hereunder will cause Oracle irreparable damage which cannot be readily remedied in monetary damages in an action at law. Therefore, in addition to Oracle's rights and remedies otherwise available at law, upon an adequate showing of material breach, and without further proof of irreparable harm other than this acknowledgment, Oracle shall be entitled to immediate equitable relief, including, but not limited to, both interim and permanent injunctions, to stop such damage.

9.5 Governing Law/Jurisdiction

This Agreement shall be governed and construed and enforced in accordance with the substantive and procedural laws of the State of California, without giving effect to the conflict of law rules thereof, and shall be deemed to be executed in Redwood City, California. Any legal action or proceeding relating to this Agreement shall be instituted in a state or federal court in San Francisco or San Mateo County, California. The parties agree to submit to the jurisdiction of, and agree that venue is proper in, these courts in any such legal action or proceeding.

9.6 Entire Agreement

This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof, and supersedes all prior agreements and understandings, whether written or oral, with respect to such subject matter. Any waiver, variation or amendment of any term or condition of this Agreement shall be effective only if in writing and signed by authorized representatives of both parties hereto.

By signing below, You acknowledge that You have read this entire Agreement, understand it and accept and agree to be bound by its terms and conditions.

By: _____

Name: JOSE LUIS CANDELARIO TOVAR.

Address: FACULTAD DE CIENCIAS FISICO MATEMATICAS
UNIVERSIDAD AUTONOMA DE NUEVO LEON

CIUDAD: UNIVERSITARIA

MAIL TO: SAN NICOLAS DE LOS GARZA, N. L. C. P. 66450
Dept 712
Oracle Education
Oracle Corporation
PO Box 954
Santa Clarita, CA 91380-9988
USA

Oracle Certified Professional (OCP) Logo Usage Requirements

Correct Usage

- Use of the OCP logo is limited to business cards and resumes, as stated in the OCP Candidate Agreement accepted before taking an OCP exam. The complete candidate agreement can be viewed at <http://education.oracle.com/certification/cp.agreement.html>
- Use only Oracle-provided, Oracle-approved artwork.
- Follow the specified color, staging, and size guidelines as defined below.
- Use the logo proportionally as a whole. Do not change the size, design, or relative positioning of one line of type without proportionally changing the other.

Correct Color

The OCP logo may be printed in one of four ways: 1) *Oracle* in red, *Certified Professional* and divider line in black, 2) entire logo in black, 3) entire logo reversed to white (against a dark background), or 4) *Oracle* in red, *Certified Professional* and dividing line reversed to white (against a dark background). The color specification of Oracle red is PMS 485 (100% magenta/100% yellow). The RGB specification is: 255 Red; 0 Green; 0 Blue.

Staging and Size

"Staging" refers to the area directly surrounding the OCP logo. To ensure the logo's visibility and integrity, the OCP logo must stand clear of all other elements such as type, images, margins, and other logos.

Logo Clearspace

The clearspace surrounding all sides of the logo is equal to height of the word "Oracle."



Space from Margins

In printed materials and, where possible, in electronic media, the distance from the corner of the piece should be equal to the total height of the OCP logo.



Minimum Logo Size

The OCP logo can be reduced to a minimum of 6 picas, 1 inch, or 25mm in width.



Logo Artwork

To obtain an electronic copy of the OCP logo, go to:
<http://education.oracle.com/certification/logo>

Enter username: **oracleocp**; password: **certifyme**

You will then be able to download a zip file containing the logo.



Introduction to Oracle: SQL and PL/SQL

Examination Score Report

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: July 07, 1998

REGISTRATION NUMBER: C25W610024

SITE NUMBER: W61

EXAM: Introduction to Oracle: SQL and PL/SQL

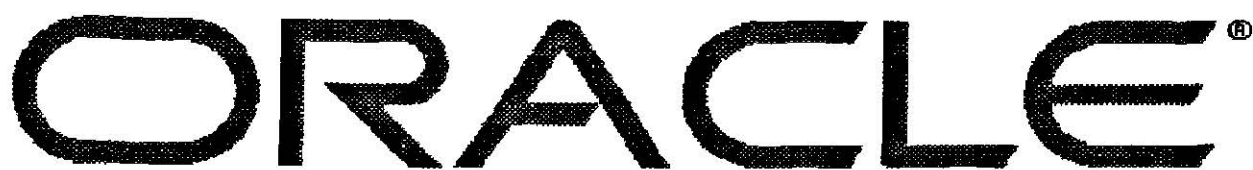
SERIES: 001

YOUR SCORE: 650 **GRADE:** Pass

The report below shows your performance in each section for the Introduction to Oracle: SQL and PL/SQL test.

Section Analysis	Number of Questions	Number Correct
1. Selecting Rows.....	3.....	3..
2. Limiting Selected Rows.....	3.....	2..
3. Single Row Functions.....	3.....	3..
4. Displaying Data from Multiple Tables.....	4.....	4.....
5. Group Functions.....	3.....	3..
6. Subqueries.....	2.....	1..
7. Specifying Variables at Runtime.....	1.....	1..
8. Overview of Data Modeling and Database Design.....	2.....	2..
9. Creating Tables.....	4.....	1..
10. Oracle Data Dictionary.....	4.....	2..
11. Manipulating Data.....	4.....	1..
12. Altering Tables and Constraints.....	4.....	2..
13. Creating Sequences.....	2.....	1..
14. Creating Views.....	3.....	2..
15. Creating Indexes.....	3.....	3..
16. Controlling User Access.....	2.....	2..
17. Overview of PL/SQL.....	1.....	1..
18. Developing a Simple PL/SQL Block.....	3.....	3..
19. Interacting with Oracle.....	4.....	3..
20. Controlling Flow in PL/SQL Blocks.....	1.....	1..
21. Processing Queries by Using Explicit Cursors.....	2.....	2..
22. Error Handling.....	2.....	2..

DO NOT LOSE THIS REPORT



**Develop PL/SQL Program Units
Examination Score Report**

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: October 16, 1998

REGISTRATION NUMBER: C88LAM0183

SITE NUMBER: MX5

EXAM: Develop PL/SQL Program Units

SERIES: 101

PASSING SCORE: 620 **YOUR SCORE:** 665 **GRADE:** Pass

The report below shows your performance in each section for the Develop PL/SQL Program Units test on the 50 scored items.

Section Analysis	Number of Questions	Number Correct
1. Developing Stored Procedures and Functions.....	12.....	11
2. Managing Procedures and Functions.....	5.....	4
3. Managing Procedural Dependencies.....	8.....	7
4. Developing and Using Packages.....	13.....	10
5. Developing Database Triggers.....	12.....	9

Within 30 days of passing all required exams Sylvan Prometric will send your Oracle Certified Professional certificate by mail. If you do not receive your certificate, please contact fulfillment@prometric.com and provide your name, candidate ID, and current mailing address.



**Developer/2000 Forms 4.5 I
Examination Score Report**

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: July 07, 1998

REGISTRATION NUMBER: C25W61001A

SITE NUMBER: W61

EXAM: Developer/2000 Forms 4.5 I

SERIES: 111

YOUR SCORE: 680 **GRADE:** Pass

The report below shows your performance in each section for the Developer/2000 Forms 4.5 I test.

Section Analysis	Number of Questions	Number Correct
1. Navigating the Developer/2000 Tools Designers.....	2.....	2..
2. Using the Layout Editor.....	2.....	1..
3. Using PL/SQL in the Client Application.....	3.....	2..
4. Using PL/SQL In the Oracle Server.....	2.....	2..
5. Running a Forms Application.....	2.....	2..
6. Creating a Basic Form Module.....	1.....	1..
7. Storage and Executables.....	1.....	0..
8. How to Customize Blocks.....	3.....	3..
9. Controlling Block Relationships.....	2.....	0.....
10. Creating and Modifying Text Items.....	3.....	2..
11. Creating LOVs and Editors.....	2.....	2..
12. Creating Additional Input Items.....	3.....	3..
13. Creating Non-Input Items.....	3.....	3..
14. Windows and Canvas-Views.....	3.....	2..
15. Introduction to Triggers.....	2.....	1..
16. Producing Triggers.....	3.....	2..
17. Validation.....	3.....	2..
18. How to Add Functionality to Items.....	1.....	1..
19. Responding to Mouse Events.....	1.....	1..
20. Runform Messages and Alerts.....	3.....	3..
21. Query Triggers.....	3.....	3..
22. Transaction Processing.....	2.....	1..
23. Navigation.....	2.....	2..
24. Writing Flexible Code	2.....	2..
25. Sharing Objects and Code.....	2.....	2..
26. Introducing Multiple Form Applications.....	2.....	1..
27. Enhancing the Default Menu.....	2.....	2..



**Developer/2000 Forms 4.5 II
Examination Score Report**

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: December 24, 1998

REGISTRATION NUMBER: CCELAM0113

SITE NUMBER: MX5

EXAM: Developer/2000 Forms 4.5 II

SERIES: 112

PASSING SCORE: 620 **YOUR SCORE:** 716 **GRADE:** Pass

The report below shows your performance in each section for the Developer/2000 Forms 4.5 II test on the 60 scored items.

Section Analysis	Number of Questions	Number Correct
1. Building Menu Modules.....	5.....	5
2. Programming Function Keys.....	3.....	2
3. Managing Forms Transactions.....	6.....	5
4. Controlling the Query Interface.....	5.....	4
5. Handling User Interface Events.....	3.....	3
6. Comparing Triggers.....	3.....	2
7. Controlling Relations Programmatically.....	4.....	4
8. Managing Windows and Canvases.....	6.....	6
9. Applying Timers.....	2.....	2
10. Working With Record Groups.....	5.....	4
11. Manipulating Form Characteristics at Runtime.....	4.....	4
12. Creating Reusable Code by Generic Programming.....	5.....	5
13. Managing Multiple-Forms Applications.....	6.....	5
14. Using Oracle7 Features in Forms.....	3.....	2

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Developer/2000 Forms 4.5 II

Examination Score Report

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: December 21, 1998

REGISTRATION NUMBER: CC8LAM0045

SITE NUMBER: MX5

EXAM: Developer/2000 Forms 4.5 II

SERIES: 112

PASSING SCORE: 620 **YOUR SCORE:** 608 **GRADE:** Fail

The report below shows your performance in each section for the Developer/2000 Forms 4.5 II test on the 60 scored items.

Section Analysis	Number of Questions	Number Correct
1. Building Menu Modules.....	5.....	5
2. Programming Function Keys.....	3.....	3
3. Managing Forms Transactions.....	6.....	2
4. Controlling the Query Interface.....	5.....	2
5. Handling User Interface Events.....	3.....	2
6. Comparing Triggers.....	3.....	3
7. Controlling Relations Programmatically.....	4.....	3
8. Managing Windows and Canvases.....	6.....	6
9. Applying Timers.....	2.....	1
10. Working With Record Groups.....	5.....	4
11. Manipulating Form Characteristics at Runtime.....	4.....	4
12. Creating Reusable Code by Generic Programming.....	5.....	3
13. Managing Multiple-Forms Applications.....	6.....	3
14. Using Oracle7 Features in Forms.....	3.....	3

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**Developer/2000 Reports 2.5
Examination Score Report**

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: July 08, 1998

REGISTRATION NUMBER: C25W610028

SITE NUMBER: W61

EXAM: Developer/2000 Reports 2.5

SERIES: 113

YOUR SCORE: 680 **GRADE:** Pass

The report below shows your performance in each section for the Developer/2000 Reports 2.5 test on the 60 scored items.

Section Analysis	Number of Questions	Number Correct
1. Introduction to Developer/2000 Reports.....	1.....	0..
2. Designing and Running a Report.....	2.....	2..
3. Creating a Basic Report.....	4.....	3..
4. Data Model Basics - Queries, Groups, and Links.....	5.....	4..
5. Data Model Basics - Columns.....	4.....	2..
6. Layout Objects.....	5.....	4..
7. Layout Basics - Default Layouts.....	4.....	3..
8. Layout Basics - Frames, Fields, and Boilerplate.....	4.....	4..
9. Layout Basics - Anchors and Buttons.....	1.....	1..
10. Common Layout Properties.....	3.....	3..
11. Specific Properties - Layout Objects.....	4.....	3..
12. Simple Matrix Reports and Summaries.....	3.....	2..
13. Advanced Matrix Reports and Summaries.....	3.....	2..
14. Parameters and the Parameter Form.....	4.....	3..
15. Report Storage Methods and Executables.....	2.....	2..
16. Using Triggers in Reports.....	3.....	1..
17. Using the SRW Package.....	3.....	2..
18. Developing Reports for Different Environments.....	2.....	1..
19. Performance Issues.....	2.....	1..
20. Microsoft Windows Integration and Other Features.....	1.....	1..



Developer/2000 Rel. 2 New Features

Examination Score Report

CANDIDATE: JOSE LUIS CANDELARIO TOVAR

CANDIDATE ID: SP1943088

DATE: November 29, 1999

REGISTRATION NUMBER: E20LAM0242

SITE NUMBER: MX5

EXAM: Developer/2000 Rel. 2 New Features

SERIES: 120

PASSING SCORE: 45 YOUR SCORE: 48 GRADE: Pass

The report below shows your performance in each section for the Developer/2000 Rel. 2 New Features test on the 60 scored items.

Section Analysis	Number of Questions	Number Correct
1. Managing Projects with Project Builder.....	6.....	4
2. Creating Form Documents Using Wizards.....	5.....	3
3. Ensuring Consistency Across Applications.....	7.....	7
4. Representing Data Within Your Application.....	7.....	6
5. Enhancing Items.....	7.....	6
6. Enhancing Interactivity.....	5.....	5
7. Including Charts and Reports.....	4.....	3
8. Creating Reports Using the Report Wizard.....	6.....	5
9. Modifying and Enhancing Reports.....	7.....	6
10. Maximizing Performance Using the Reports Server.....	2.....	1
11. Deploying Reports on the Web.....	4.....	2

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Certified Professional

THIS CERTIFIES THAT

Jose Luis Candelario Tovar

IS RECOGNIZED BY

THE ORACLE CERTIFIED PROFESSIONAL PROGRAM AS AN

**Oracle Certified Application Developer,
Oracle Developer Release 2**



November 29, 1999

Date

John L. Hall
Senior Vice President, Oracle Corporation



THIS AWARD IS GIVEN IN RECOGNITION
OF
COMMITMENT TO EXCELLENCE



THIS CERTIFIES THAT

JOSE LUIS CANDELARIO TOVAR

HAS SUCCESSFULLY COMPLETED THE

ORACLE CERTIFIED PROFESSIONAL
PROGRAM

Certified Application Developer
Developer/2000 Rel.1

ORACLE CONGRATULATES YOU ON YOUR ACHIEVEMENT

A handwritten signature in dark ink, appearing to be "JMT", written over a horizontal line.

December 29, 1998

ORACLE CORPORATION

DATE

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a José Luis Candelario Covar

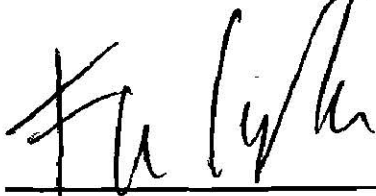
por su participación en el curso

Developer/2000: Fundamentos

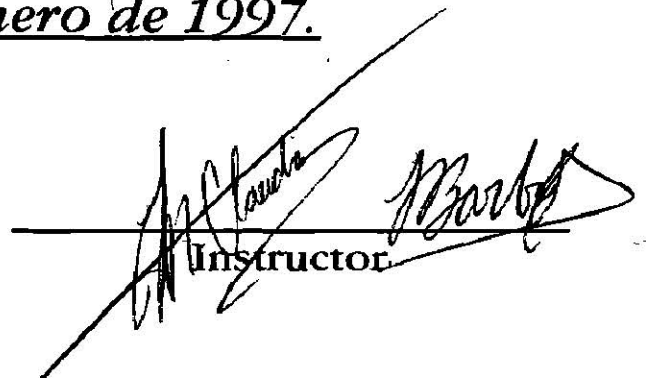
impartido el 13 de Enero de 1997

con una duración de 8 horas.

México, D.F., a 13 de Enero de 1997.



Ing. Francisco Cortés Romo
Gerente de Servicios Educativos


Instructor

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a José Luis Candelario Covar

por su participación en el curso

Developer/2000: Graphics V2.5

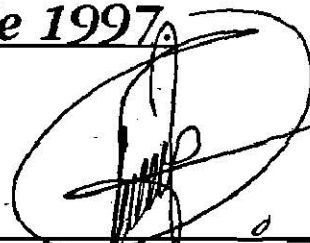
impartido del 6 de Marzo al 7 de Marzo de 1997

con una duración de 16 horas.

México, D.F., a 7 de Marzo de 1997



Ing. Francisco Cortés Romo
Gerente de Servicios Educativos



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CONSTANCIA

a José Luis Candelario Covar

por su participación en el curso

Modelado de Datos y Dis. de la Base de Datos

impartido del 17 de Marzo al 19 de Marzo de 1997

con una duración de 24 horas.

México, D.F., a 19 de Marzo de 1997.



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a José Luis Candelario Covar

por su participación en el curso

Oracle Webserver: Construcción de Aplicaciones WWW

impartido del 14 al 17 de Julio de 1997

con una duración de 16 horas.

México, D.F., a 17 de Julio de 1997.



Ing. Francisco Cortés Romo
Gerente de Servicios Educativos



Instructor



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a José Luis Candenario Tovar

por su participación

en el Curso

Oracle Data Query

impartido el 7 de Noviembre de 1997

con una duración de 08 horas

México, D.F., a 7 de Noviembre de 1997

Ing. Francisco Cortés Romo
Gerente de Servicios Educativos

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a José Luis Candenario Tovar

por su participación

en el Curso

Oracle Web Application Server Administración

impartido el 26/Ene.98 al 27/Ene.98

con una duración de 16 horas

México, D.F., a 27 de Enero de 1998

Ing. Francisco Cortés Romo
Gerente de Servicios Educativos

Instructor



Oracle EducationSM
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a José Luis Candelario Tovar

por su participación

en el Seminario

Implementando Network Computing con Oracle Application Server

impartido el 17 Junio de 1998

con una duración de 8 horas

México, D.F., a 17 de Junio de 1998

Ing. Francisco Cortés Romo
Gerente de Servicios Educativos

Instructor



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a José Luis Candenario Tovar

por su participación

en el Seminario

Implementación de Aplicaciones para el Web con Developer / 2000

impartido el 18 Junio de 1998

con una duración de 8 horas

México, D.F., a 18 de Junio de 1998

Ing. Francisco Cortés Romo
Gerente de Servicios Educativos

Instructor



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a José Luis Candelario Tovar

por su participación

en el Seminario

Diseño de Aplicaciones para el Web con Designer / 2000

impartido el 19 Junio de 1998

con una duración de 8 horas

México, D.F., a 19 de Junio de 1998

Ing. Francisco Cortés Romo
Gerente de Servicios Educativos

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a: José Luis Candenario Tovar

por su participación

En el Curso

Oracle Express Diseño y Control de Base de Datos

impartido el 16-Nov-98 al 18-Nov-98

con una duración de 24 horas

México, D.F., a 18 de Noviembre de 1998



Francisco Cortés Romo
Gerente de Servicios Educativos



Instructor

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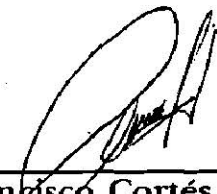
En el Curso

Oracle Express Administrator

impartido el 19-Nov-98 al 19-Nov-98

con una duración de 8 horas

México, D.F., a 19 de Noviembre de 1998



Ing. Francisco Cortés Romo
Gerente de Servicios Educativos



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por su participación

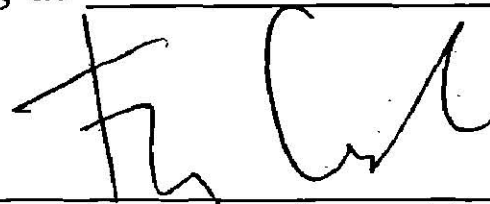
Administración

De la Base de Datos Oracle

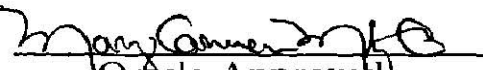
impartido el 4/Ene./99 al 8/Ene./99

con una duración de 40 horas

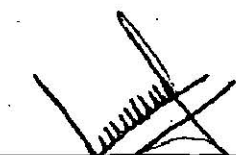
México, D.F., a: 8 de Enero de 1999



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a: José Luis Candenario Tovar

por su participación

Administración

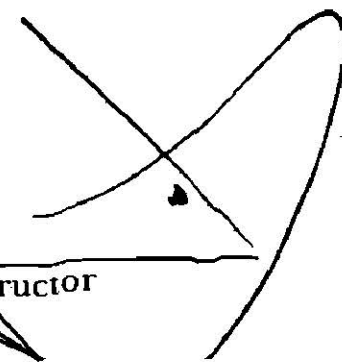
De la Base de Datos: Oracle 8

impartido el 22/Feb./99 al 26/Feb./99

con una duración de 40 horas

Monterrey, N.L., a: 26 de Febrero de 1999


Ing. Francisco Cortés Romo
Gerente de Servicios Educativos


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a: Lic. José Luis Candelario Tovar

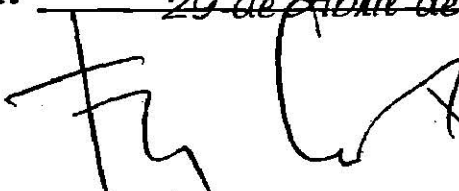
por su participación

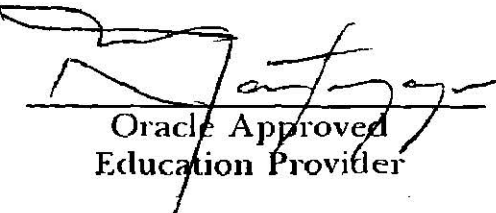
Taller de Afinación del
Rendimiento de Oracle 7

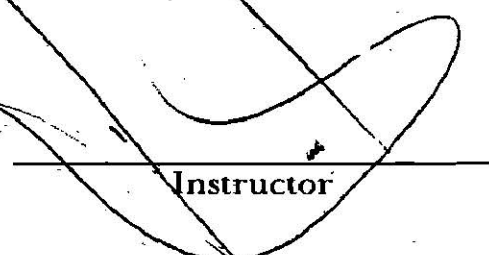
impartido el 26 Abr/99 al 29 Abr/99

con una duración de 32 horas

México, D.F., a: 29 de Abril de 1999


Ing. Francisco Cortés Romo
Gerente de Servicios Educativos


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a: José Luis Candelario Tovar

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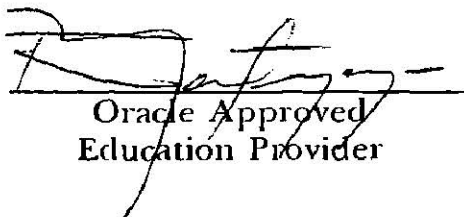
Oracle 8: Nvas

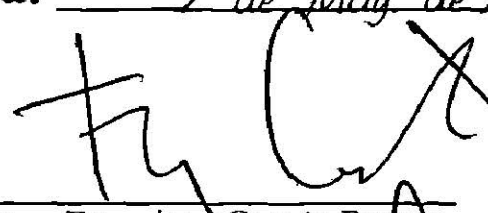
Caract. para Admores

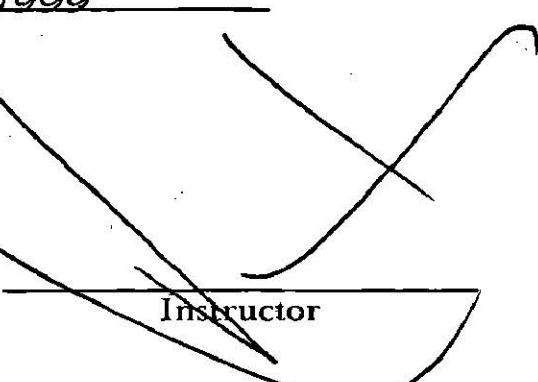
impartido el 3 May. /99 al 7 May. /99

con una duración de 32 horas

México, D.F., a: 7 de May de 1999


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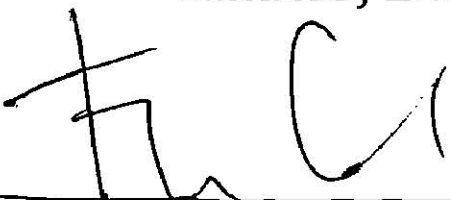
por su participación
En el Curso

4677 Designer / 2000: Fundamentos

impartido el 14-Jun.-99 al 18-Jun.-99

con una duración de 40 horas

México, D.F., a 18 de Junio de 1999



Ing. Francisco Cortés Romo
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En el Curso

5486 Administración de Oracle Application Server

impartido el 25-Oct.-99 al 26-Oct.-99

con una duración de 16 horas

México, D.F., a 26 de Octubre de 1999



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por su participación

En el Curso

5487 Oracle APP. Server: Des. de Apli. para el Web con PL/SQL

impartido el 27-Oct-99 al 29-Oct-99

con una duración de 24 horas

México, D.F., a 29 de Octubre de 1999



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a: José Luis Candelario Tovar

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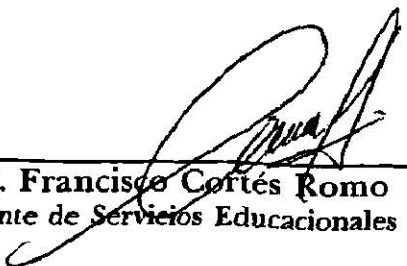
En el Curso

5494 Oracle Applications Server: Des. de Apli. para Web con Java

impartido el 1-Dic.-99 al 2-Dic.-99

con una duración de 16 horas

México, D.F., a 2 de Diciembre de 1999


Ing. Francisco Cortés Romo
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a: José Luis Candelario Tovar

por su participación

En el Curso

6250 Programación en Java V.2

impartido el 19-Jun-2000 al 23-Jun-2000

con una duración de 40 horas

México, D.F., a 23 de Junio del 2000



Gerente Oracle University México



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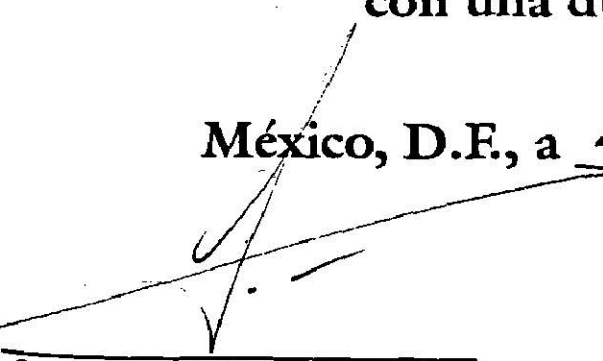
En el Curso

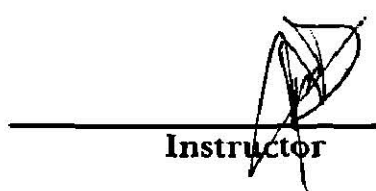
6251 Desarrollo de Aplicaciones de Base de Datos con Java V.2

impartido el 26-Jun-2000 al 29-Jun-2000

con una duración de 32 horas

México, D.F., a 29 de Junio del 2000


Gerente Oracle University México


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