

10:00 - 11:20

PONENCIA

Oracle Academy

Ayudando a estudiantes y docentes a crear el futuro

Danny Gooris, Senior Manager Oracle Academy EMEA

Àngel Garcia, Director of Education en PUE

ORACLE ACADEMY, Are you ready?

Danny Gooris
Senior Manager EMEA
Oracle Academy
26th of April 2017

PUE DAY
Madrid, Spain

ORACLE ACADEMY



ORACLE

Scale	Innovation
#1 in 50 product/industry categories	\$38.2B in revenue in FY15 *
#2 software company in the world	400,000 customers in 145 countries
#2 cloud company in the world	\$39B in R&D since 2004
38,000 developers and engineers	\$60B on more than 100 acquisitions
15 million developers in Oracle online communities	More than 132,000 employees
900 independent Oracle user groups with 500,000 members	18,000 customer support specialists, speaking 29 languages
	3.1 million students supported annually



Computer Science Education is Important



Well-paying jobs for the foreseeable future will require CS knowledge



Globally there are more jobs available in CS than there are workers to fill those jobs



As a global population, we are increasingly dependent on computers for our security, well-being, and convenience

500,000 IT Professionals

Needed by 2020 risks potential for
growth and digital competitiveness
in **Europe**

<https://ec.europa.eu/digital-agenda/en/grand-coalition-digital-jobs>

Most Complete Industry Solutions

Companies across a broad range of industries get better results with Oracle



**AEROSPACE
AND DEFENSE**
10 of the 10 Top
AD Companies

AUTOMOTIVE
20 of the 20
Top Auto
Companies

CLOUD
10 of the 10
Top
SaaS
Providers

**COMMUNICA-
TIONS**
20 of the 20
Top Telcos

**CONSUMER
GOODS**
9 of the 10 Top
CG Companies

**EDUCATION
AND
RESEARCH**
20 of the 20 Top
Universities

**ENGINEERING
AND
CONSTRUCTION**
8 of the 10 Top
EC Companies

**FINANCIAL
SERVICES**
20 of the 20
Top Banks

HEALTHCARE
20 of the 20 Top
Medical Device
Companies

**HIGH
TECHNOLOGY**
20 of the 20 Top
HT Companies

INSURANCE
20 of the 20
Top Insurers

LIFE SCIENCES
20 of the 20
Top Pharmas

**MANUFACTU
RING**
20 of the 20
Top
Manufacturers
*

OIL AND GAS
20 of the 20 Top
OG Companies

**PROFESSIONAL
SERVICES**
54,000+ Midsize
Professional
Services Firms

**PUBLIC
SECTOR**
20 of the 20 Top
Governments

RETAIL
20 of the 20
Top Retailers

SUPPLY CHAIN
20 of the 20 Top
Supply Chains

**TRAVEL AND
TRANSPORTATION**
20 of the 20
Top Airlines

UTILITIES
10 of the 10
Top Utilities

* IndustryWeek list of largest publicly held manufacturing companies based on revenue.

Meet the Challenge with Oracle Academy



The Challenge

There is a **global skills gap**

The Solution

Create **awareness of careers in computer science** from an early age and encourage more students to **graduate with Computer Science degrees**

What is Oracle Academy?



Oracle's **investment in computer science education** and the development of future technologists, innovators, and leaders



Comprehensive and non-profit **program** supporting computer science and IT education pathways

Oracle – EU Digital Skills & Jobs Alliance Pledge



Train **1,000 EU educators** in Computer Science, Java and Database instruction



1.4 Billion \$ in direct & in kind investment



Reach students in **+ 1.000** additional educational institutions



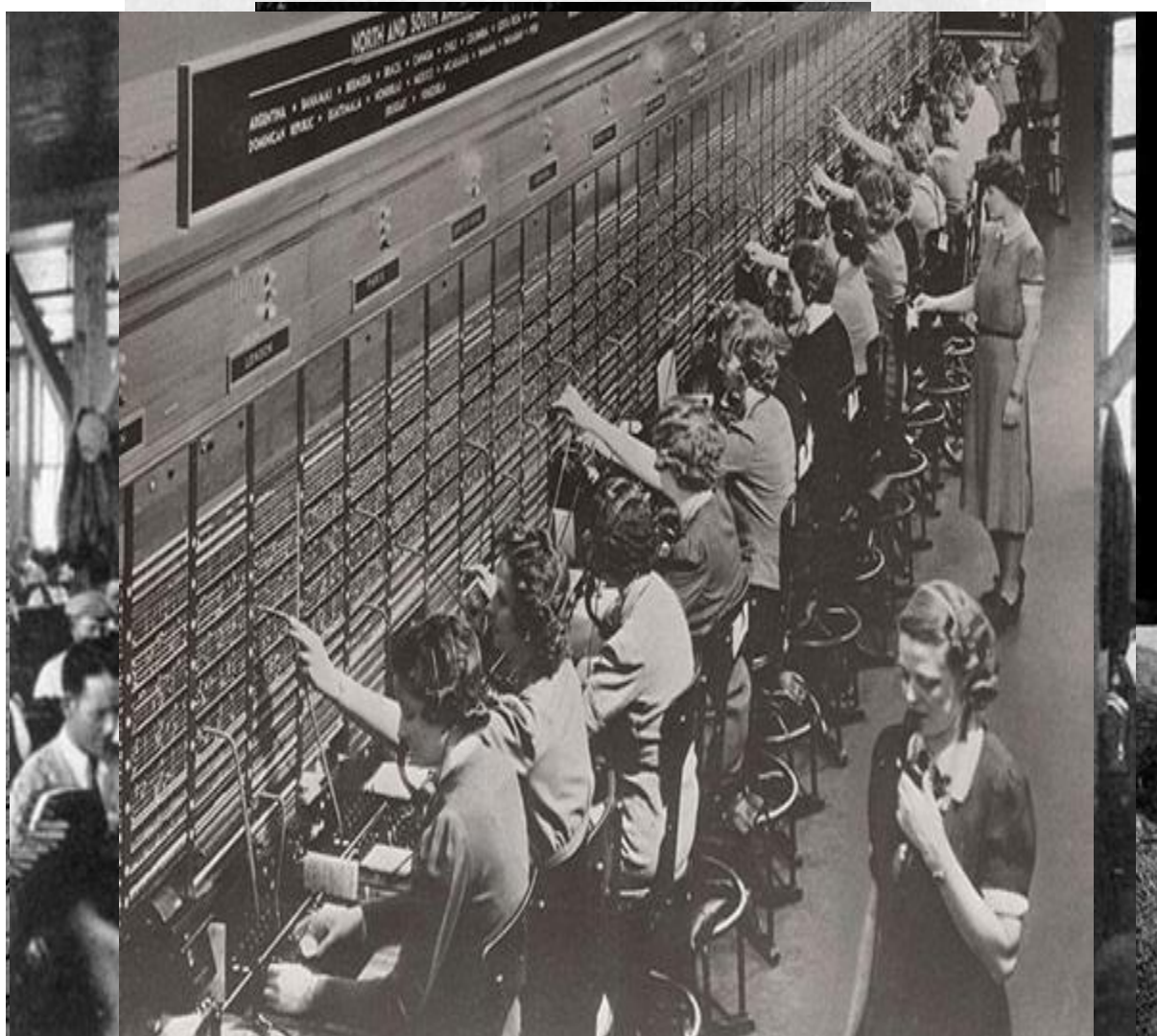
Collaborate with National Coalitions, provide free **new curriculum** (mapped to EQF standards) of emerging technologies



Competitiveness, innovation and job creation in European industry are increasingly being driven by the use of **new ICT technologies** . This must be backed up by a **workforce with the knowledge and skills** to use these new technologies efficiently

As new technologies develop rapidly, the skills required to use them become **increasingly sophisticated** and need to be constantly updated. Individuals with creativity, innovation and higher-level conceptual skills are increasingly in demand

Jobs that are no longer existing



Jobs for the future

While some predictions for future jobs seem a little farfetched, it's important to remember how far technology has progressed over time





- John Maynard Keynes “Technological Unemployment”
- Research shows up to 60% of Jobs in 2030 are unknown today

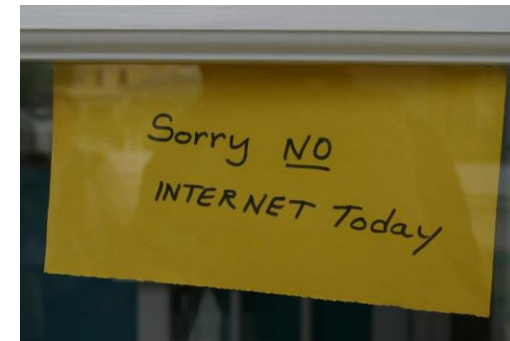
- Research has shown that 93% of all jobs will require basic knowledge of programming or computational thinking
- Research has shown that Data is the new gold currency.



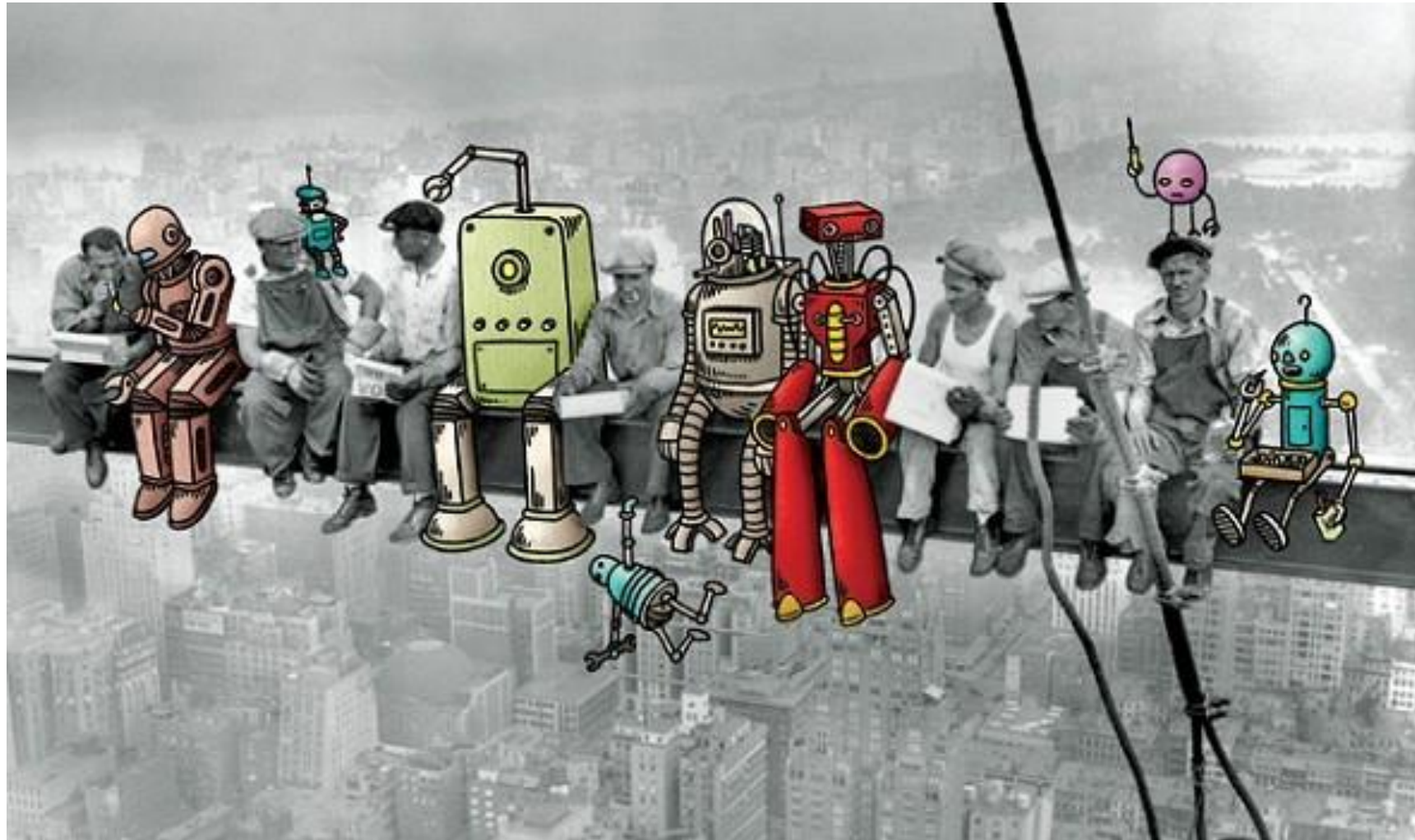
ICT Jobs for the future

What are they then?

Cryptocurrency Banker
Artificial Intelligence creator
Climate Controller
Urban Sheperd or Vertical farmer
Robotics Engineer
3D Printing Handyman
Digital Death Manager
Digital Detox Therapist
Skype Stager
Drone Drivers
Body Part Engineer
Nano Medic
Avatar Manager



ICT Jobs for the future



Join the Oracle Academy Community



www.facebook.com/oracleacademy



@OracleAcademy



[OracleAcademyChannel](https://www.youtube.com/OracleAcademyChannel)



academy_ww@oracle.com

**ORACLE ACADEMY,
Are you ready?**

**Ángel González Bellas
Program Manager Spain
Oracle Academy
26th of April 2017**

**PUE DAY
Madrid, Spain**

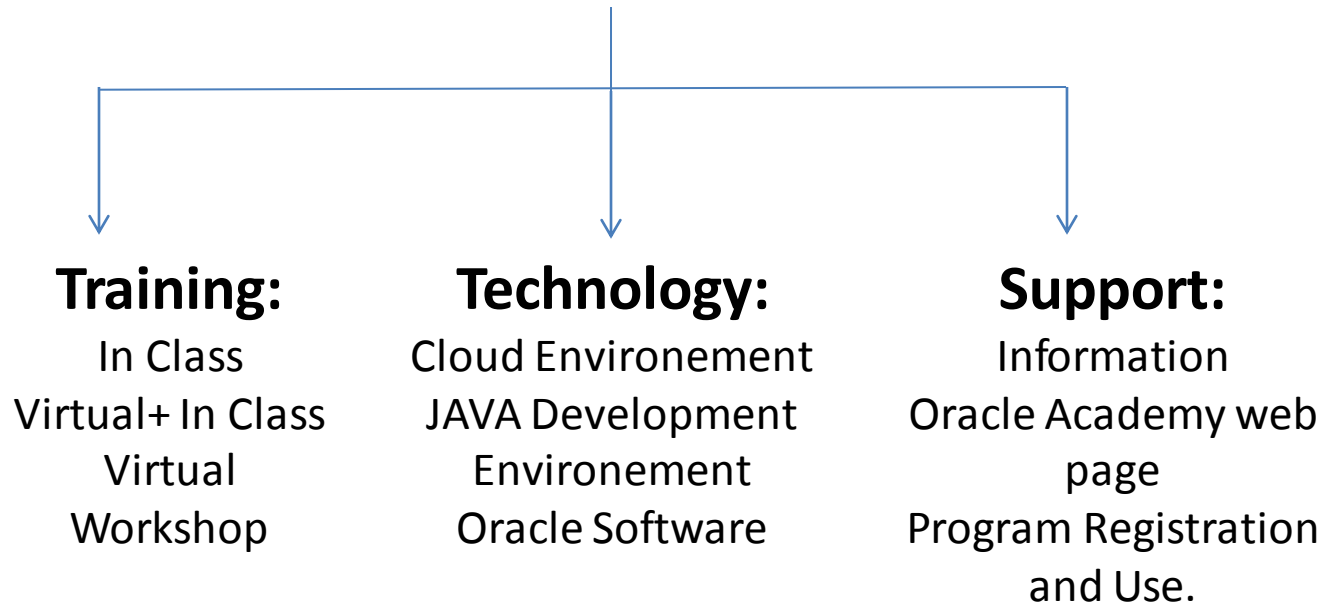
ORACLE ACADEMY



ORACLE

Oracle Academy Spain

Oracle Academy



167
 Institutional Members



Type of Institutions:
 Secondary School,
 Higher Education and
 Universities.

ORACLE ACADEMY, Are you ready?

Àngel Garcia Caballero
Director of Education at PUE
26th of April 2017

PUE DAY
Madrid, Spain



ORACLE ACADEMY



ORACLE

PUE ha sido seleccionado por Oracle de forma exclusiva para la difusión, gestión y promoción de la red de centros Oracle Academy en España (oracle.pue.es).

PUE dispone un equipo de profesionales especializados que proporcionan soporte a los centros, formación para la implantación del proyecto y utilización de los recursos.

Oracle Academy Event presenta a nivel nacional la iniciativa académica Oracle Student Campus con una gran aceptación

28/04/2014

En un ciclo de jornadas celebradas los días 1, 2 y 3 de abril se realizó en Barcelona y Madrid el evento Oracle Academy Event, organizado por Oracle Iberia, PUE, Proyecto Universidad Empresa y la colaboración destacada de Certiuni, Plataforma de Certificación Universitaria, en la jornada dirigida al ámbito universitario.



Implantación en España

Oracle ha seleccionado a PUE como Partner para la difusión, gestión y soporte a la red de centros Oracle Academy en España.

PUE da soporte a centros de formación activos Oracle Academy en toda España.

<https://locator.pue.es/oracle/>



Centros encontrados: 131

- CFP Aula Campus**
www.campusaula.com/
Passeig del Rajolar s/n
Burjassot, 46100
- CS Jaume Viladoms**
www.jviladoms.cat
c/ Cesar Torres 1-3
Sabadell, 08205
- Centre d'Estudis Monlau**
www.monlau.es
c/ Monlau, 2-10
Barcelona, 08027
- CEPA Enrique Tierno Galván**
Calle General Benavent García, 21 bis
Ciudad Real, 13600
- CESTE SL**
www.cestesl.es/
Paseo Infantes de España, 3
Zaragoza, 50012
- Colegio JOYFE**
Calle de Vital Aza, 65
Madrid, 28017

¿Qué es Oracle Academy?

Oracle Academy

Completo portfolio de software, curriculum, formación, soporte y recursos de certificación para impartir formación oficial en tecnologías Oracle



3.1 million+
students impacted



110
countries worldwide



Acceso a las
tecnologías que
mueven la industria

Enfoque de Oracle Academy



Interés

Los docentes buscan materiales para impartir planes formativos en informática incluyendo programación, bases de datos...



Oportunidad

El programa Oracle Academy incluye recursos que facilitan la enseñanza en materias como programación Java y las bases de datos Oracle y MySQL.



Éxito

Los centros tienen acceso a recursos didácticos en tecnologías Oracle aplicables a los currículos reglados a impartir

Why Invest in Computer Science Education with Oracle Academy?



Benefits to Institutions

- Full academic curriculum in vendor neutral, foundational concepts, skills and technologies
- Additional learning resources to support flipped classrooms and supplement learning
- Support to credit levelling and mapping
- College and career ready, industry literate students

Benefits to Government

- Cultivate industry literate, college and career ready students
- Be a global leader with innovative education
- Support economic growth

Benefits to Students

- Demonstrable skills and knowledge aligned to industry
- Path to industry certification
- More attractive to colleges and employers

Benefits to Business

- New employees with solid core CS skills and knowledge
- New hires experienced with current technologies
- Industry certified individuals

Key Outcomes

- Increased CS education level across population
- Increased economic growth potential – individuals, regions and nations
- Globally competitive students and workers

- Formación y videoconferencias para los docentes acerca de la puesta en marcha del programa y la uso de los recursos disponibles.
- Soporte y resolución de consultas para el mejor encaje del programa a la oferta formativa del centro.
- Documentación propia específica, guías paso a paso, etc., sobre el uso de los recursos.
- Realización de gestiones operativas del proyecto: acceso a la plataforma elearning, material docente, certificaciones, libros Oracle Press, etc.
- Comunicación y envío de notificaciones en castellano con las novedades que se incorporan al programa.
- Gestión directa con Oracle en la operativa del proyecto.

Videoconferencias divulgativas del programa



ORACLE ACADEMY

- ORACLE ACADEMY
- ¿En qué consiste?
- Beneficios
- Certificaciones
- Formación elearning
- Formación de instructores
- Inscripción

PUE realiza sesiones de formación a los centros en formato video-conferencia (webinars) sobre la puesta en marcha, implementación y utilización del programa educativo.

Tienen acceso a estas sesiones los centros

CALENDARIO DE FORMACIÓN ORACLE ACADEMY

Formato: video-conferencia / webinars

Fecha y hora del evento	Sesión
Marzo 2017	Puesta en marcha y acceso
Junio 2017	Implementación de inst

Network Recording Player - Evento 30 de Marzo 2016 11:00h - 12:30h

Meeting Number: 716 639 767 | Date: miércoles, 30 de marzo de 2016 | Time: 11:03, Local Time (GMT +01:00)

ORACLE

Agenda

1. Introducción
2. Ruta de certificación oficial en Java
3. Ruta de formación oficial en Java
4. Implantación del plan de estudios Java
5. Otros recursos oficiales de formación

Jordi Ariño – Instructor oficial Oracle en PUE
jordi.arino@pue.es

Participants

Name	Joining time / Leaving time
Andrés	11:03 / 12:45
Angel	11:03 / 12:45
Webex PUE	11:03 / 12:45
Angel Garcia	11:03 / 12:45
jordi piquer	11:03 / 12:45
Toni Ruiz	11:03 / 11:06

Table of Contents

Activity	Time
Recording Start	00:00:00
page 3	00:01:04
page 4	00:01:10
page 5	00:02:15
page 6	00:02:41

Video



















00:00:06 / 01:42:13

ORACLE

<https://www.pue.es/educacion/oracle-academy/formacion-de-instructores>

Beneficios de Oracle Academy



Community	<p>BADGES, LOGOS & MERCHANDISE</p> 	<p>ENGAGE WITH EXPERTS</p> 	<p>ORACLE OPEN WORLD & JAVA ONE</p> 		
Certification	<p>CERTIFICATION PREPARATION & EXAMS</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="886 629 1098 739" style="background-color: red; color: white; padding: 10px; border-radius: 5px;"> 50% OFF Preparation </div> <div data-bbox="1276 651 1549 722" style="text-align: center;">  </div> <div data-bbox="1709 629 1921 739" style="background-color: red; color: white; padding: 10px; border-radius: 5px;"> 25% OFF Exams </div> </div>				
Training	<p>FACULTY PROFESSIONAL DEVELOPMENT</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="708 829 805 965" style="text-align: center;">  IN-CLASS TRAINING </div> <div data-bbox="963 829 1149 965" style="text-align: center;">  VIRTUAL +IN-CLASS TRAINING </div> <div data-bbox="1340 822 1447 979" style="text-align: center;">  VIRTUAL INSTRUCTOR LED </div> </div>			<p>INDIVIDUAL LEARNING</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1735 829 1900 965" style="text-align: center;">  WORKSHOPS IN A BOX </div> <div data-bbox="2104 822 2232 965" style="text-align: center;">  SELF-SERVICE RESOURCES </div> </div>	
Learning Resources	<p>CURRICULUM</p> 	<p>ORACLE PRESS BOOKS</p> <p><i>Oracle Press</i></p>	<p>LECTURE SERIES</p> 	<p>TECHNICAL ARTICLES</p> 	<p>WEBCASTS & PODCASTS</p> 
Technology	<p>CLOUD ENVIRONMENTS</p> 		<p>JAVA DEVELOPMENT ENVIRONMENTS</p> 		<p>ORACLE SOFTWARE</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="1747 1272 1900 1329">  </div> <div data-bbox="1926 1272 2104 1329">  </div> <div data-bbox="2130 1272 2308 1329">  </div> </div>

Beneficios del programa

- Portal privado para miembros
- Certificaciones oficiales
- eLearning
- Software
- Recursos de Marketing
- Oracle Press

Beneficios del programa

- Portal privado para miembros
- Certificaciones oficiales
- eLearning
- Software
- Recursos de Marketing
- Oracle Press

Portal privado para miembros



<https://academy.oracle.com>

ORACLE ACADEMY

Bienvenido Ángel Cuenta ? Ayuda Cerrar sesión Español Realizar búsqueda en e

Miembro institucional Inicio Bienvenido Membresía Plan de estudios Capacitación Recursos Descuentos

Página de inicio de Oracle Academy

Bienvenido Membresía Encuesta Plan de estudios

Permite acceder a los beneficios y recursos disponibles con Oracle Academy, así como información de la membresía e información adicional de interés.

Beneficios del programa

- Portal privado para miembros
- Certificaciones oficiales
- eLearning
- Software
- Recursos de Marketing
- Oracle Press

Certificaciones oficiales



ORACLE®
Certified Associate

La credencial **Oracle Certified Associate (OCA)** valida las habilidades y conocimientos fundamentales que forman una base sólida de conocimiento en los productos de Oracle. Convertirse en Oracle Certified Associate es el primer paso que se debe tomar para convertirse en un profesional certificado de Oracle.

ORACLE®
Certified Professional

La credencial **Oracle Certified Professional (OCP)** es el punto de referencia de la cualificación profesional y experiencia técnica en productos de Oracle. Valida la capacidad para administrar, desarrollar o implementar una amplia gama de productos de Oracle, incluyendo bases de datos, desarrollo de aplicaciones en Java y más. En las empresas a menudo se utiliza la credencial OCP para evaluar las habilidades y experiencia de los empleados y/o posibles candidatos.

ORACLE®
Certified Expert

La credencial **Oracle Certified Expert (OCE)** valida experiencia y habilidades en tecnologías específicas, arquitecturas o dominios que no están cubiertos específicamente dentro del path de certificaciones estándar o tradicional.

Certificaciones oficiales exclusivas para centros Oracle Academy



ORACLE®

Certified Associate

Oracle Database Foundations
Certified Junior Associate

Examen 1Z0-006:
[Oracle Database Foundations](#)

ORACLE®

Certified Associate

Java Foundations Certified
Junior Associate

Examen 1Z0-811:
[Java Foundations](#)

Sólo los alumnos formados en un centro Oracle Academy tendrán acceso a los exámenes **1Z0-006: ORACLE Database Foundations** y **1Z0-811: Java Foundations**, que, una vez superados, otorgan al alumno la acreditación:

Oracle Database Foundations Certified Junior Associate

ORACLE®

Java Foundations Certified Junior Associate

1ZO-811: Java Foundations

- Plataforma: Java SE 8
- Duración: 150 minutos
- Núm. Preguntas: 75 preguntas
- Nota aprobado: 65 %

Precio: 61,50 € + IVA

Contenidos

What is Java?
Java Basics
Basic Java Elements
Working with Java Data Types
Working with Java Operator
Working with the String Class
Working with the Random and Match
Classes
Using Decision Statements
Using Looping Statements
Debugging and Exception Handling
Arrays and ArrayLists
Classes and Constructors
Java Methods

1Z0-006: Oracle Database Foundations



1Z0-006: Oracle Database Foundations

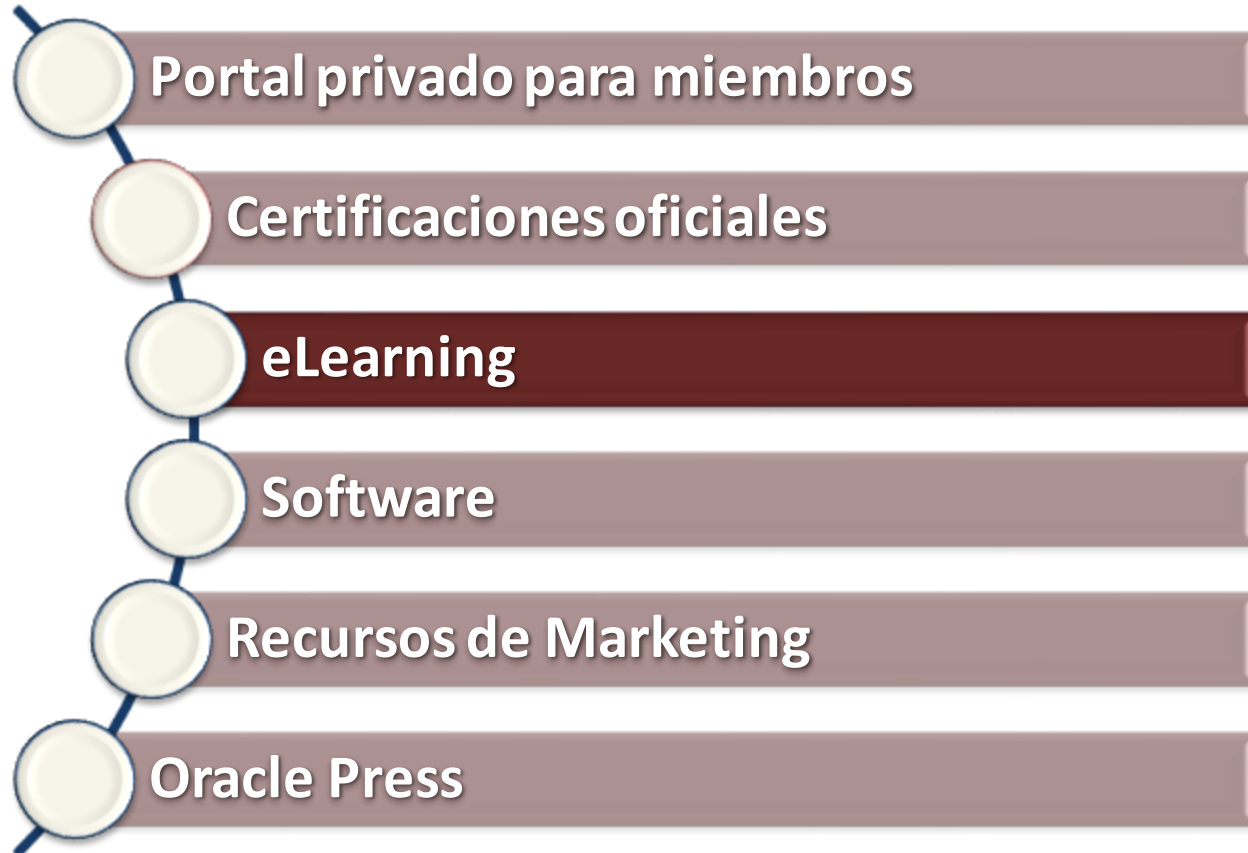
- Plataforma: Oracle Database v12.1.0.2.0.
- Duración: 150 minutos
- Núm. Preguntas: 75 preguntas
- Nota aprobado: 60 %

Contenidos

What is a Database?
The Language of Database and Data Modeling
Data Modeling – Creating the Physical Model
Mapping the Physical Model
Introduction to SQL

Precio: **61,50 € + IVA**

Beneficios del programa



Plataforma elearning: Oracle iLearning



ORACLE ACADEMY Welcome Diego Account ? Help Log Out Search Academy Site...

Oracle Academy Home Page

Curriculum / Oracle iLearning

[Access iLearning](#) [Request iLearning Account](#)

Your Oracle iLearning account provides you with the curriculum, assessments, practices, projects and teaching resources required to successfully deliver Oracle Academy courses in your classroom, and is available to you at no cost. From your iLearning account, you will also have the ability to administer student accounts, assign curriculum to students and produce reports to monitor student progress and achievement.

Oracle iLearning requires a separate account and password from your Oracle Academy membership. Once created, your iLearning accounts and associated student accounts will remain valid for as long as your Oracle Academy Institutional membership remains in good standing.

If you are an Institutional member and do not yet have an iLearning account, please request one [here](#).

Once you have received an email with your iLearning password (which also serves as confirmation your iLearning account has been created), follow these steps to access iLearning:

1. Go to <http://ilearning.oracle.com/ilearn/en/learner/jsp/login.jsp?site=OracleAcad>
2. Enter your username and password
3. Click "Login"

Within iLearning, you will find detailed instructions for how to:

- Navigate iLearning
- Navigate instructor and student versions of curriculum
- Navigate instructor and student resources
- View course outlines and delivery maps
- Implement technical requirements
- Create and administer student accounts

Plataforma elearning: Oracle iLearning

Conexión

Usuario:

Contraseña:

Recordar Contraseña

[¿Contraseña Olvidada?](#)

Bienvenido a Oracle iLearning



Oracle iLearning es un sistema de gestión de formación (LMS) de empresas y un componente principal de Oracle E-Business Suite. Oracle iLearning proporciona una infraestructura completa para que las organizaciones gestionen, proporcionen y realicen un seguimiento de la formación en entornos basados en clases y en línea. Utilice Oracle iLearning para:

- Consolidar las iniciativas de formación en un sistema de gestión de formación escalable y asequible
- Diseñar y entregar contenido de formación con rapidez
- Proporcionar la mezcla óptima de formación en clase y en línea
- Medir la eficacia de las iniciativas de formación
- Realizar una integración con una solución global de E-Business

Anuncios

- [APEX AUTOCOMMIT Checkbox](#)
- [Teacher Resource Page](#)
- [New Resources In Section 0](#)
- [Curriculum for 2014-2015](#)
- [Database Curriculum Codes](#)
- [Java Curriculum Codes](#)
- [Oracle iLearning - Teachers - Please Update Your Profile](#)
- [Oracle iLearning - Terms of Use](#)
- [Need Help on iLearning?](#)
- [Quizzes not appearing? Get help here.](#)

Plataforma elearning: Oracle iLearning



90 h - Castellano/Inglés

• Java Foundations

90 h - Castellano/Inglés

• Fundamentos de Java

90 h - Inglés

• Programación en Java

90 h - Castellano/Inglés

• Database Foundations

180 h - Castellano/Inglés

• Programación y diseño de base de datos con SQL

180 h - Inglés

• Programación con PL/SQL

Cursos disponibles con Oracle Academy

Talleres

Alice

Greenfoot

Finch Robot -
Greenfoot

Finch Robot -
Java

Java Foundations
(90 horas)



Java Fundamentals
(90 horas)



Java Programming
(90 horas)

Database Foundations
(90 horas)



Database Design and
Programming with SQL
(180 horas)



Programming with
PL/SQL
(180 horas)

Plataforma elearning: Oracle iLearning



ORACLE Academy



Catálogo Inicio Perfil Gestor

Visión General | Rutas de Formación | Formación No Planificada | Formación Planificada | Chats | Foros

Buscar Catálogo

 Ir

Frase Exacta

[Búsqueda Avanzada...](#)

[Examinar Catálogo](#)

Mi Formación

Filtro Incluir Ofertas Terminadas Ir

Anterior 1 - 5 de 11 Siguiente

Reproducir	Oferta	Fecha de Inicio	Inscrito	Estado del Reproductor
	2013-2015 Oracle Academy English Java Fundamentals - Student	17/06/13	18/03/14	61 de 196 Terminado
	2013-2015 Oracle Academy English Java Fundamentals - Teacher	17/06/13	18/03/14	67 de 202 Terminado
	2013-2015 Oracle Academy English Database Design - Student	28/08/13	18/03/14	10 de 187 Terminado
	2013-2015 Oracle Academy English Database Design - Teacher	28/08/13	18/03/14	13 de 193 Terminado
	2013-2015 Oracle Academy English Database Programming with SQL - Student	28/08/13	18/03/14	1 de 167 Terminado

Didac Navarro

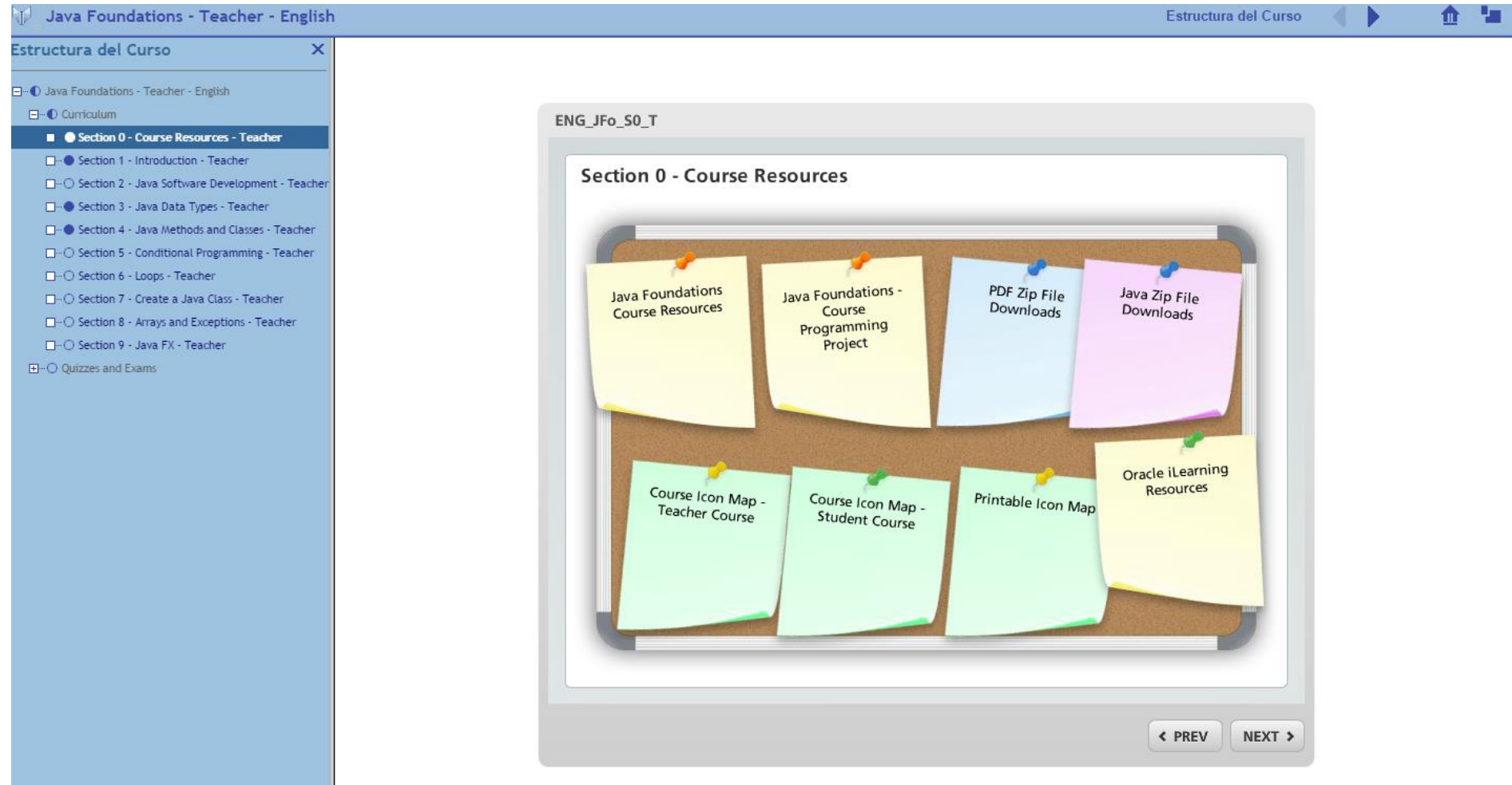


Anuncios

- Curriculum for 2014-2015
- Database Curriculum Codes
- Java Curriculum Codes
- All Reports have been renamed
- Oracle iLearning - Teachers - Please Update Your Profile
- Oracle iLearning - Terms of Use
- Need Help on iLearning?
- Quizzes not appearing? Get help here.

Plataforma elearning: Oracle iLearning

Nuevo
Formato Curso
online



Java Foundations - Teacher - English

Estructura del Curso

- Java Foundations - Teacher - English
 - Curriculum
 - Section 0 - Course Resources - Teacher**
 - Section 1 - Introduction - Teacher
 - Section 2 - Java Software Development - Teacher
 - Section 3 - Java Data Types - Teacher
 - Section 4 - Java Methods and Classes - Teacher
 - Section 5 - Conditional Programming - Teacher
 - Section 6 - Loops - Teacher
 - Section 7 - Create a Java Class - Teacher
 - Section 8 - Arrays and Exceptions - Teacher
 - Section 9 - Java FX - Teacher
 - Quizzes and Exams

ENG_JFo_S0_T

Section 0 - Course Resources

- Java Foundations Course Resources
- Java Foundations - Course Programming Project
- PDF Zip File Downloads
- Java Zip File Downloads
- Course Icon Map - Teacher Course
- Course Icon Map - Student Course
- Printable Icon Map
- Oracle iLearning Resources

< PREV NEXT >

Plataforma elearning: Oracle iLearning

The image shows a composite view of the Oracle iLearning platform. On the left, a corkboard titled 'Section 0 - Course Resources' displays several sticky notes: 'Java Foundations Course Resources', 'Java Foundations - Course Programming Project', 'PDF Zip File Downloads', 'Java Zip File Downloads', 'Course Icon Map - Teacher Course', 'Course Icon Map - Student Course', 'Printable Icon Map', and 'Oracle iLearning Resources'. A blue arrow points from the 'Java Foundations Course Resources' note to a central pop-up window titled 'Java Foundations Course Resources'. This pop-up window features the Oracle Academy logo and a list of resources: 'PDF Resource Java Foundations Course Objectives', 'PDF Resource Java Foundations Course Map', and 'PDF Resource Java Software Requirements and Installation'. To the right, a browser window displays the 'Java Foundations – Course Objectives' page. The page includes an overview, duration (90 hours), target audiences, and educators information. The browser address bar shows the URL: 'oracle.com/content/site/OracleAcad/ENG_JFo_15/S0/PDF/JFo_Course_Objectives.pdf'.

Section 0 - Course Resources

Java Foundations Course Resources

Java Foundations - Course Programming Project

PDF Zip File Downloads

Java Zip File Downloads

Course Icon Map - Teacher Course

Course Icon Map - Student Course

Printable Icon Map

Oracle iLearning Resources

Java Foundations Course Resources

ORACLE ACADEMY

PDF Resource
Java Foundations Course Objectives

PDF Resource
Java Foundations Course Map

PDF Resource
Java Software Requirements and Installation

oracle.com/content/site/OracleAcad/ENG_JFo_15/S0/PDF/JFo_Course_Objectives.pdf

1 / 6

ORACLE ACADEMY www.oracle.com/academy

Java Foundations – Course Objectives

Overview

This course of study engages students with little programming experience. Students are introduced to object-oriented concepts, terminology, and syntax, and the steps required to create basic Java programs using hands-on, engaging activities. Students will learn the concepts of Java programming, design object-oriented applications with Java and create Java programs using hands-on, engaging activities.

Duration

- Recommended total course time: 90 hours*
- Professional education credit hours for educators who complete Oracle Academy training: 30

* total course time includes instruction, self-study/homework, practices, projects and assessment

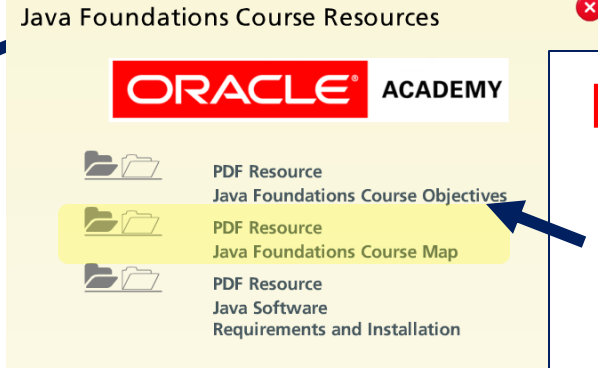
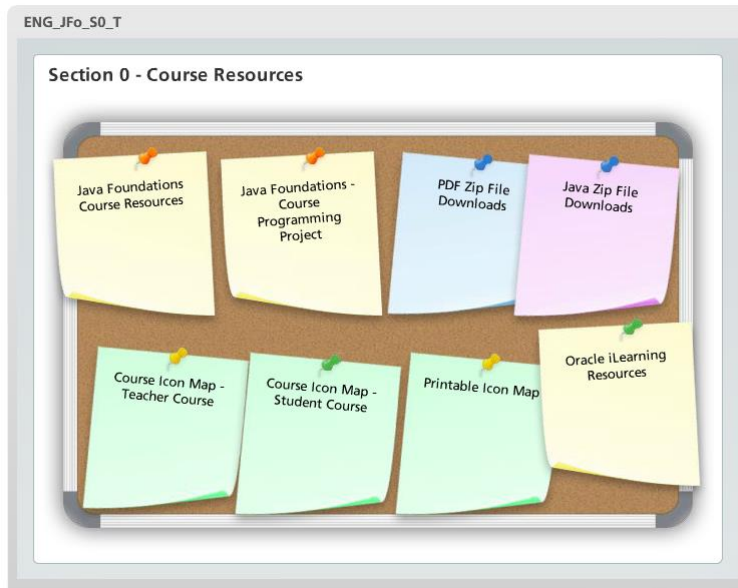
Target Audiences

Educators

- Technical, vocational, and 2- and 4-year college and university faculty members who teach computer programming, information communications technology (ICT), or a related subject at a foundational level.

Resumen de objetivos del curso

Plataforma elearning: Oracle iLearning



ORACLE ACADEMY Guidelines for Java Foundations

Session Length 45 Minutes

	Session1	Session2	Session3	Session4	Session5
Week 1	Introduction				
Week 2	Java Software Development				
Week 3	Java Data Types				
Week 4	Java Methods and Library Classes				
Week 5	Decision Statements				
Week 6	Decision Statements				
Week 7	Mid Term Exam Review			Mid Term Exam	
Week 8	Loop Constructs				
Week 9	Creating Classes				
Week 10	Creating Classes				
Week 11	Arrays and Exceptions				
Week 12	Arrays and Exceptions				
Week 13	Java FX				
Week 14	Java FX				
Week 15	Final Exam Review			Final Exam	
Week 16	Final Exam Review				
Week 17	Final Exam Review				
Week 18	Final Project				

Planificación del curso en capítulos, semanas y sesiones

Plataforma elearning: Oracle iLearning

The screenshot displays the Oracle iLearning interface for Java Foundations Course Resources. On the left, a 'Section 0 - Course Resources' board contains several sticky notes: 'Java Foundations Course Resources', 'Java Foundations - Course Programming Project', 'PDF Zip File Downloads', 'Java Zip File Downloads', 'Course Icon Map - Teacher Course', 'Course Icon Map - Student Course', 'Printable Icon Map', and 'Oracle iLearning Resources'. A blue arrow points from the 'Java Foundations Course Resources' note to a detailed view of the course resources. This view includes the Oracle Academy logo and a list of resources: 'PDF Resource Java Foundations Course Objectives', 'PDF Resource Java Foundations Course Map', and 'PDF Resource Java Software Requirements and Installation'. A second blue arrow points from the 'Java Software Requirements and Installation' resource to a page titled 'Required Software for Java Courses'. This page lists the software required for the Java Fundamentals, Java Programming, and Java Foundations courses. The Java Fundamentals course requires Alice 3, Greenfoot, and Eclipse. The Java Programming course requires Eclipse. The Java Foundations course requires NetBeans. Below the list, there are 'Software Download and Installation Instructions' with a table of links.

Java Foundations Course Resources

ORACLE ACADEMY

- PDF Resource Java Foundations Course Objectives
- PDF Resource Java Foundations Course Map
- PDF Resource Java Software Requirements and Installation

Required Software for Java Courses

Required Software

The following software is required for the **Java Fundamentals** course:

- Alice 3
- Greenfoot
- Eclipse

The following software is required for the **Java Programming** course:

- Eclipse

The following software is required for the **Java Foundations** course:

- NetBeans

Software Download and Installation Instructions

Follow the instructions at the sites below to download and install the software required for your course.

Software	Download and Installation Instructions
Alice 3	http://www.alice.org/index.php?page=downloads/download_alice3.1
Greenfoot	www.greenfoot.org/download_old

Documento resumen con requisitos software para la impartición del curso, urls de descarga e instrucciones de instalación

Plataforma elearning: Oracle iLearning

The image displays a composite view of the Oracle iLearning platform. On the left, a window titled 'Section 0 - Course Resources' shows a corkboard with several sticky notes: 'Java Foundations Course Resources', 'Java Foundations - Course Programming Project', 'PDF Zip File Downloads', 'Java Zip File Downloads', 'Course Icon Map - Teacher Course', 'Course Icon Map - Student Course', 'Printable Icon Map', and 'Oracle iLearning Resources'. A blue arrow points from the 'Java Foundations - Course Programming Project' note to a larger window titled 'Java Foundations - Course Programming ...'. This window shows the Oracle Academy logo and a folder icon labeled 'PDF Student Guide'. A second blue arrow points from this folder to a PDF viewer window titled 'JFo_Project.docx'. The PDF viewer shows the 'Java Foundations Final Project' document, which includes an overview and a list of tasks. The tasks section specifies requirements for the final project, such as including at least 2 classes, using encapsulation, and providing user input handling.

Section 0 - Course Resources

- Java Foundations Course Resources
- Java Foundations - Course Programming Project
- PDF Zip File Downloads
- Java Zip File Downloads
- Course Icon Map - Teacher Course
- Course Icon Map - Student Course
- Printable Icon Map
- Oracle iLearning Resources

Java Foundations - Course Programming ...

ORACLE ACADEMY

PDF Student Guide

JFo_Project.docx

1 / 1

Pulsa F11 para salir del modo de pantalla completa

ORACLE ACADEMY www.oracle.com/academy

Java Foundations Final Project

Overview

The final project gives you an opportunity to showcase your skills with the programming concepts presented in the Java Foundations course. Develop an application, animation, game, or anything else that demonstrates your knowledge of foundational Java programming concepts.

Tasks

Develop an application, animation, game, or anything else that demonstrates your knowledge of foundational Java programming concepts. You may find it helpful to review the Spiral Model of development and design a plan before you begin programming.

Your program must include the following:

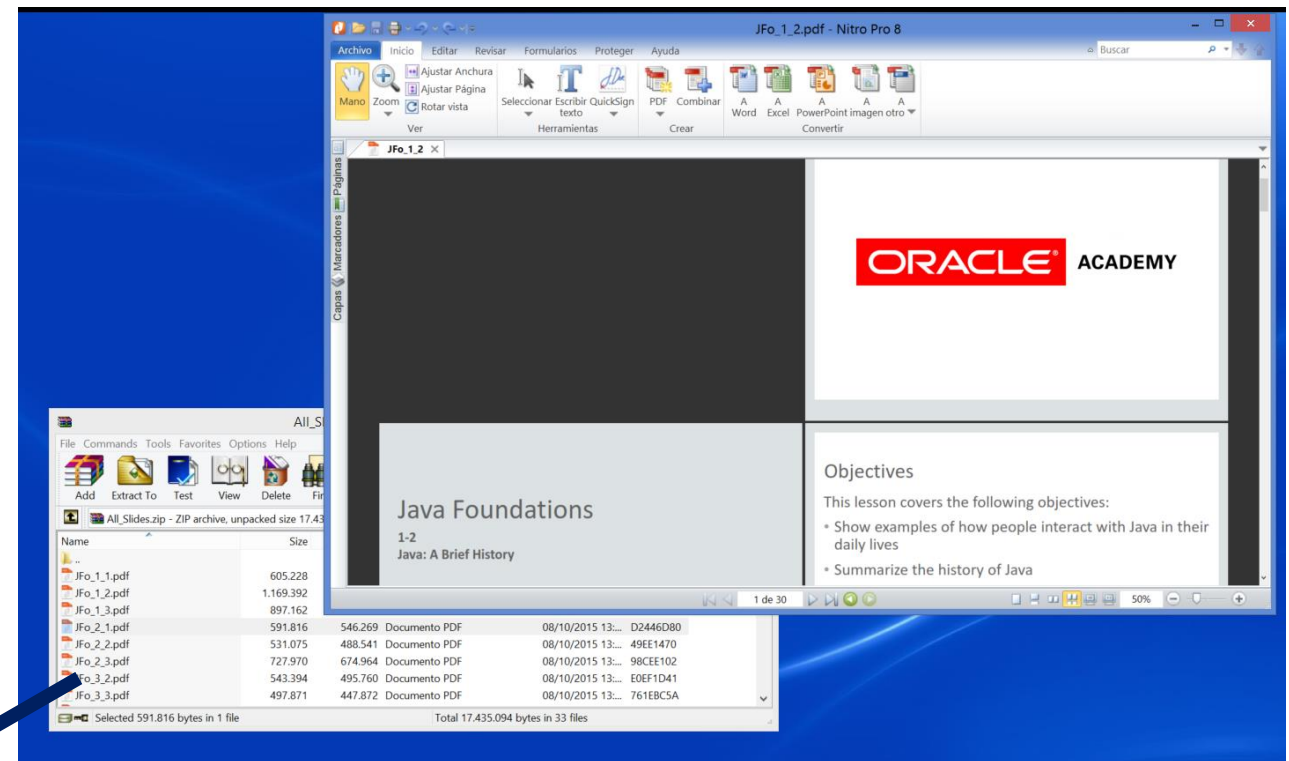
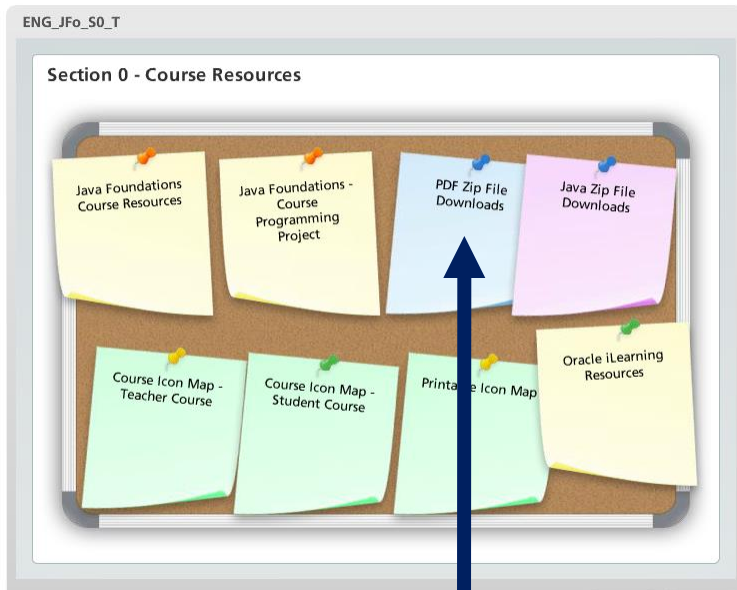
- At least 2 classes, not including the test class
 - Encapsulate these, and additional classes
 - Provide at least 2 fields and 2 methods in every class, not including getters or setters.
- An Array or ArrayList
- The ability to accept user-input at least once. Always accept user input without crashing.

You're welcome to base your program on any of the following examples or create your own scenario:

- Animate a wrestling match (Alice IDE)
- Animate a dance routine (Alice IDE)
- Model an employee database. Supply a collection of employees. Provide methods to order or display employees by their salary and productivity ratings. Allow the manager to fire all employees who earn above-average salaries but offer below-average productivity. Allow the manager to hire new employees.

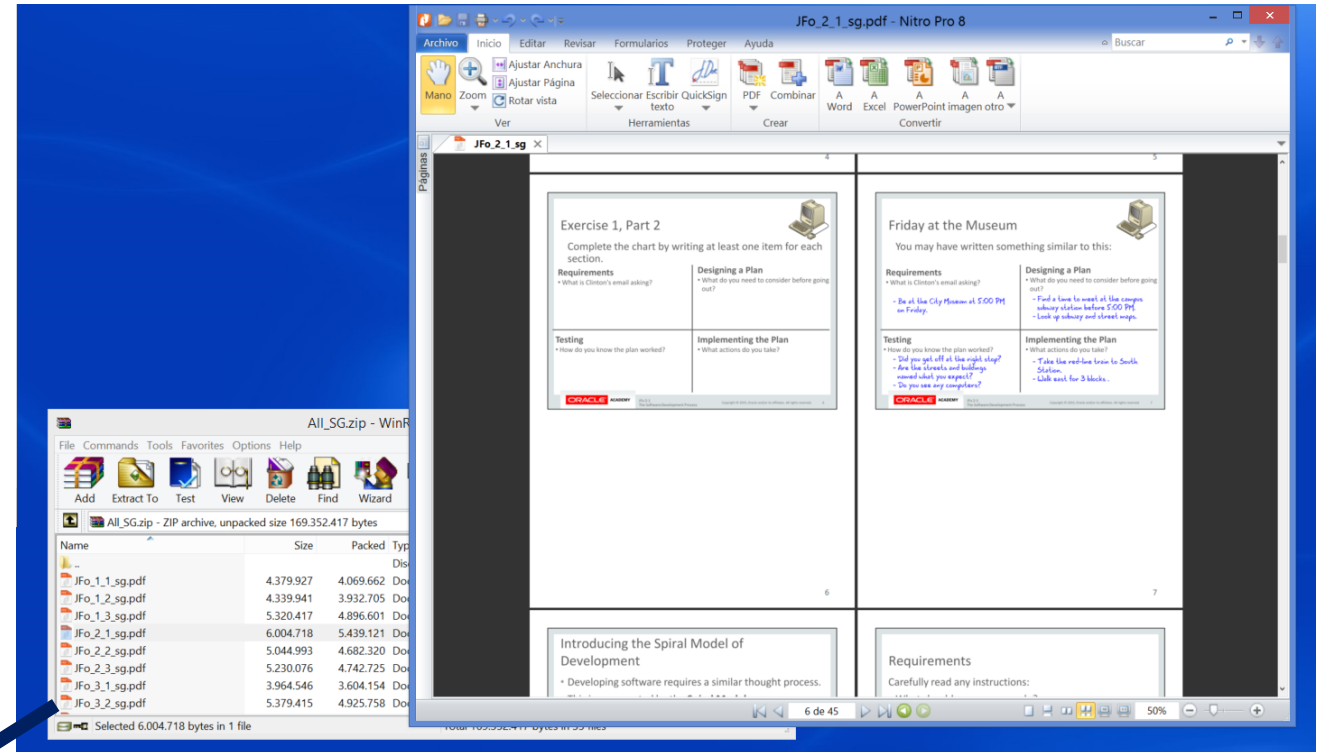
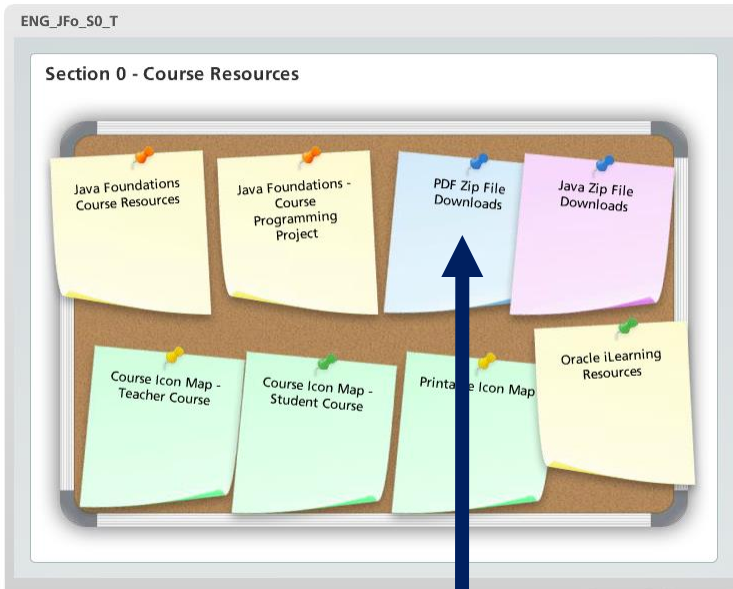
Enunciado de proyecto final de curso en pdf

Plataforma elearning: Oracle iLearning



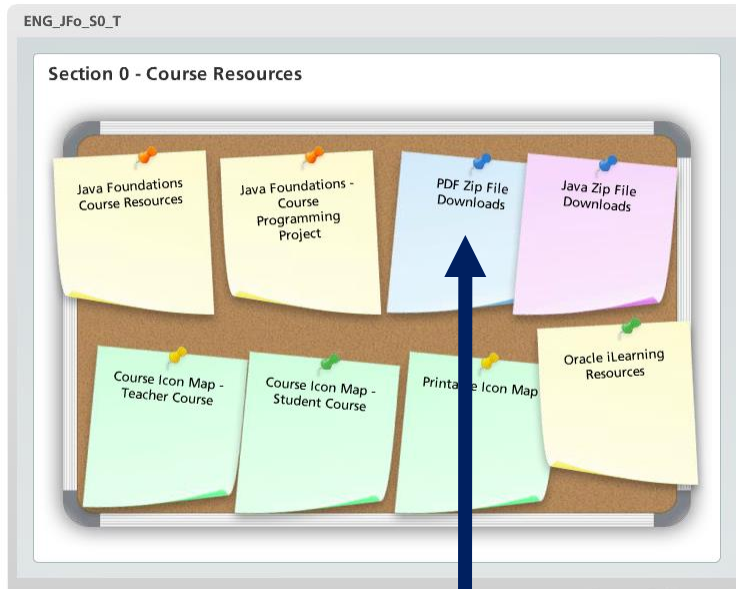
Ficheros con las transparencias de cada capítulo

Plataforma elearning: Oracle iLearning



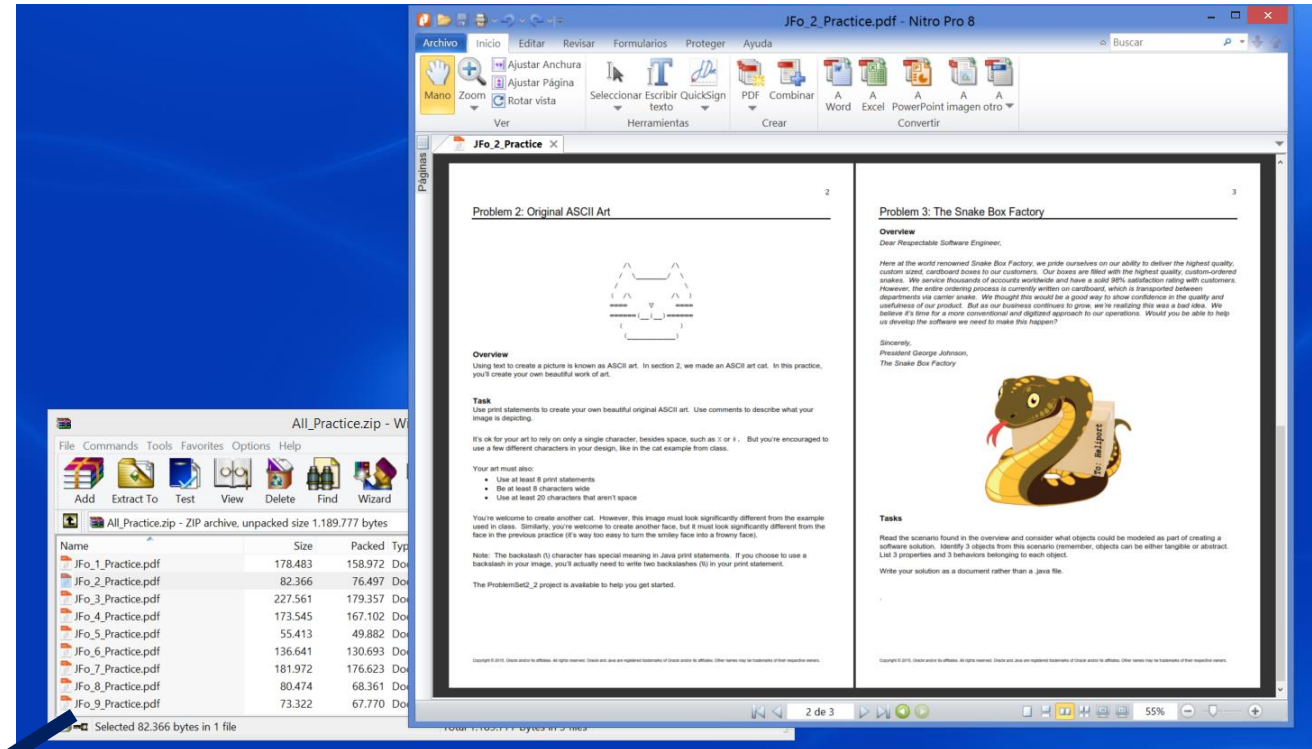
Transparencias para los estudiantes montadas en A4 para poder tomar notas

Plataforma elearning: Oracle iLearning



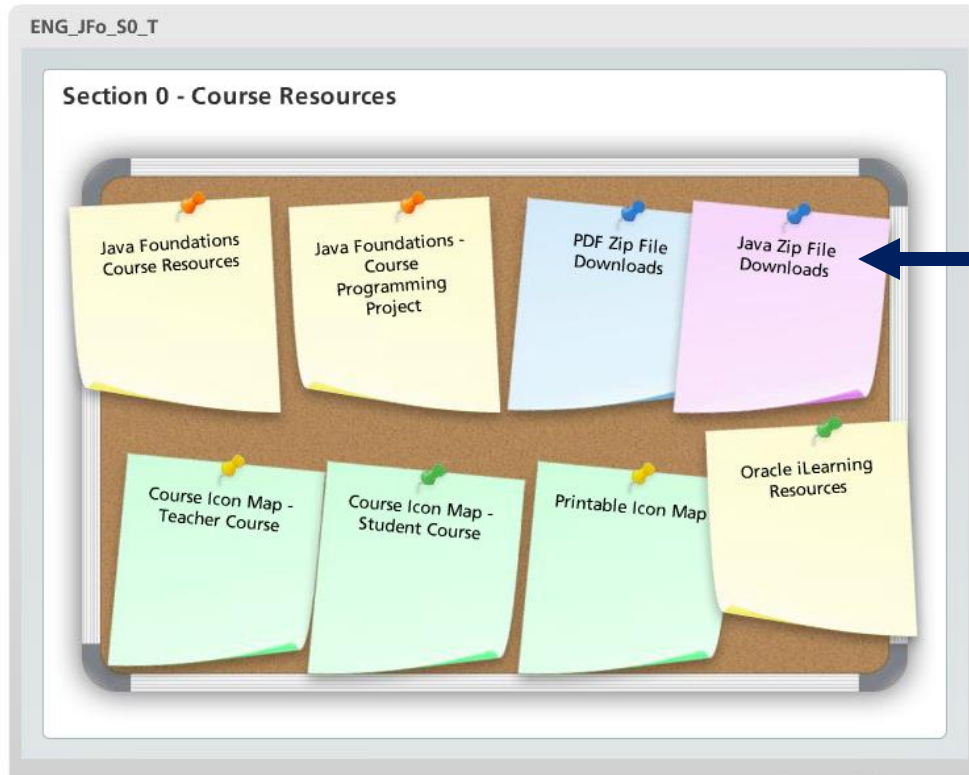
PDF Zip File Downloads

- Zip - ALL Lesson Slides - PDF Files
- Zip - ALL Student Guides - PDF Files
- Zip - ALL Practices - PDF Files**

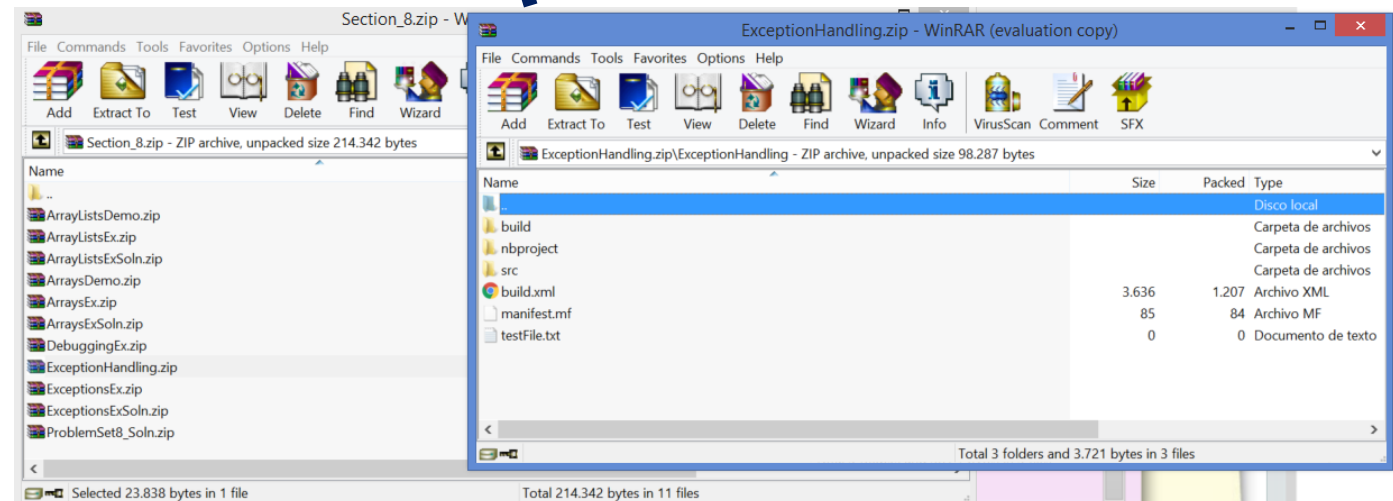


Enunciados de las prácticas de cada capítulo

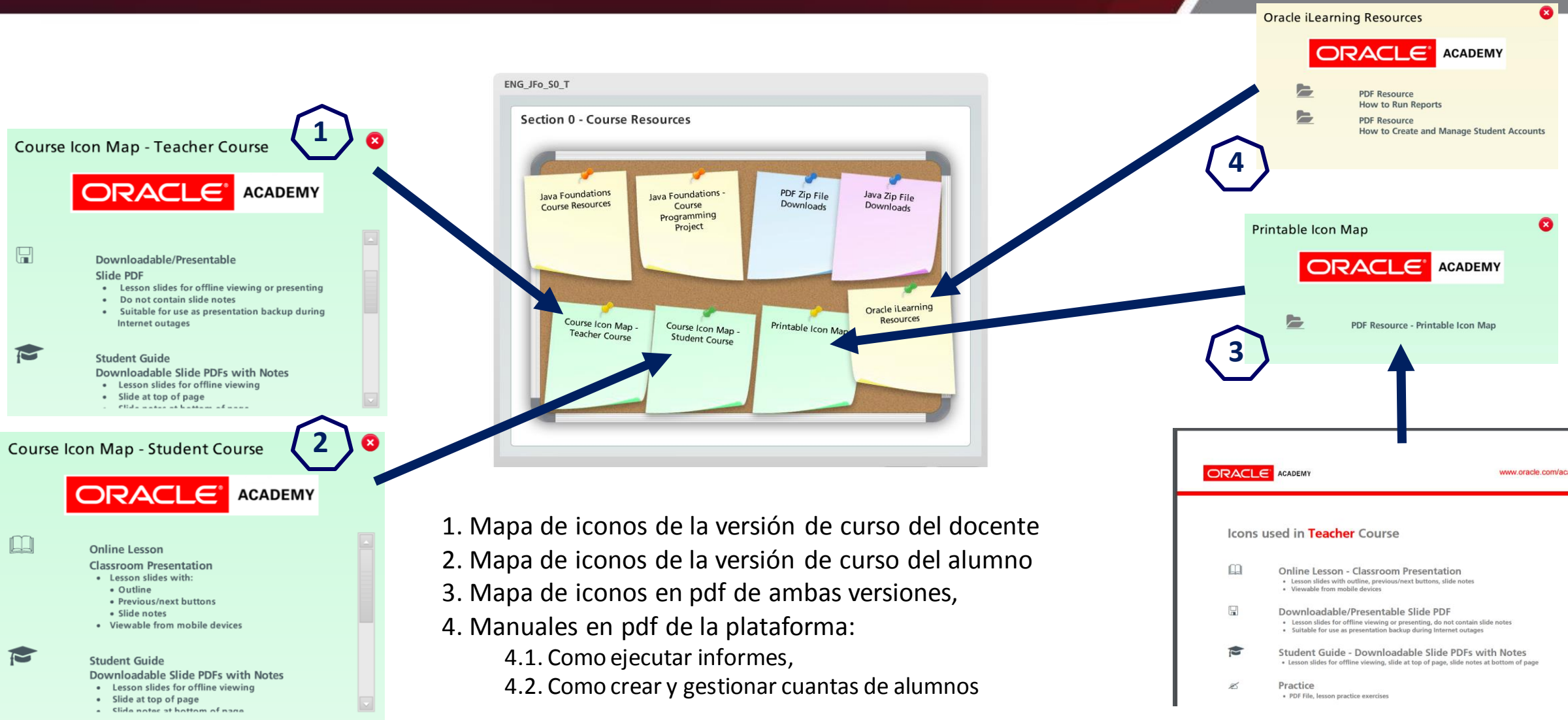
Plataforma elearning: Oracle iLearning



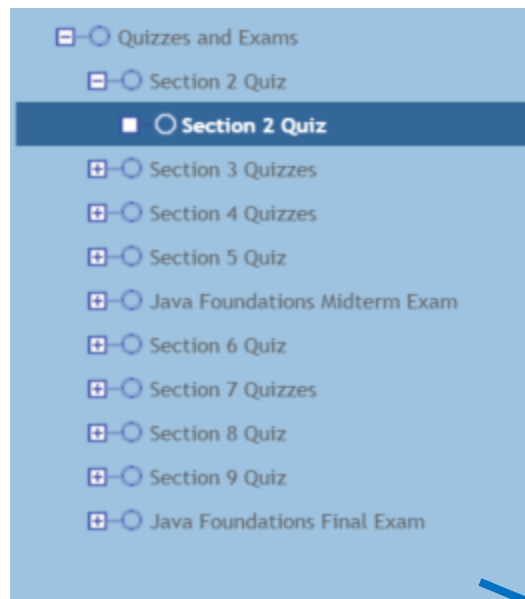
Ficheros para la resolución de ejercicios de capítulo



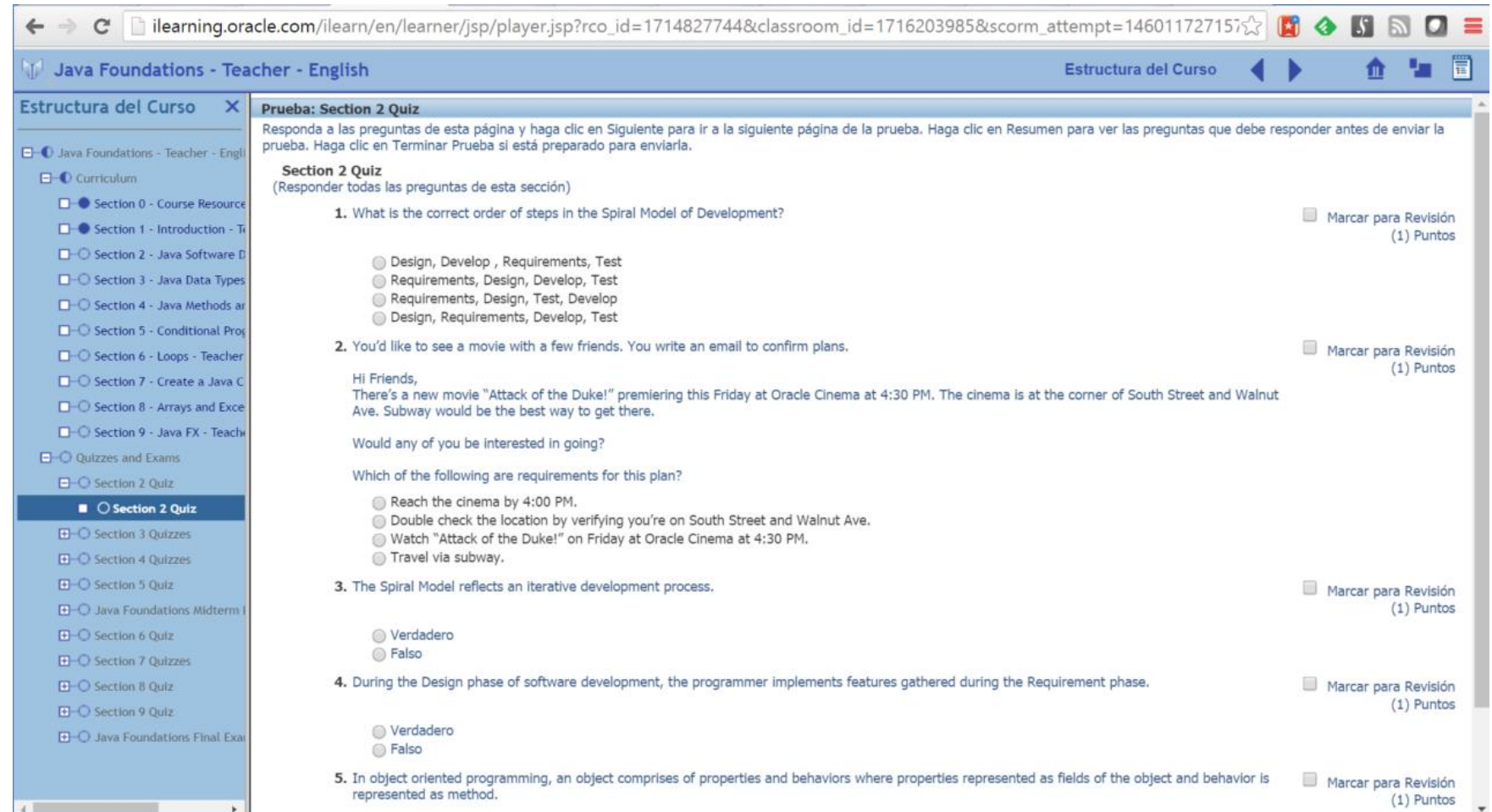
Plataforma elearning: Oracle iLearning



Plataforma elearning: Oracle iLearning



Tests de capítulo



Java Foundations - Teacher - English

Estructura del Curso

Prueba: Section 2 Quiz

Responda a las preguntas de esta página y haga clic en Siguiente para ir a la siguiente página de la prueba. Haga clic en Resumen para ver las preguntas que debe responder antes de enviar la prueba. Haga clic en Terminar Prueba si está preparado para enviarla.

Section 2 Quiz
(Responder todas las preguntas de esta sección)

- What is the correct order of steps in the Spiral Model of Development?
 Design, Develop , Requirements, Test
 Requirements, Design, Develop, Test
 Requirements, Design, Test, Develop
 Design, Requirements, Develop, Test
 Marcar para Revisión (1) Puntos
- You'd like to see a movie with a few friends. You write an email to confirm plans.

Hi Friends,
There's a new movie "Attack of the Duke!" premiering this Friday at Oracle Cinema at 4:30 PM. The cinema is at the corner of South Street and Walnut Ave. Subway would be the best way to get there.

Would any of you be interested in going?

Which of the following are requirements for this plan?
 Reach the cinema by 4:00 PM.
 Double check the location by verifying you're on South Street and Walnut Ave.
 Watch "Attack of the Duke!" on Friday at Oracle Cinema at 4:30 PM.
 Travel via subway.
 Marcar para Revisión (1) Puntos
- The Spiral Model reflects an iterative development process.
 Verdadero
 Falso
 Marcar para Revisión (1) Puntos
- During the Design phase of software development, the programmer implements features gathered during the Requirement phase.
 Verdadero
 Falso
 Marcar para Revisión (1) Puntos
- In object oriented programming, an object comprises of properties and behaviors where properties represented as fields of the object and behavior is represented as method.
 Marcar para Revisión (1) Puntos

Plataforma elearning: Oracle iLearning

Funciones de Superusuario : Gestión de cuentas de usuario



[Inicio](#) [Ayuda](#) [Desconexión](#)

Contenido **Usuarios** eCommerce Informes

Organizaciones Superiores

- ORACLEACAD ORG (63406)
 - China Events (428894630)
 - External Instructors (with no school)
 - Non-Oracle-People (3104608)
 - Oracle Academy Staff (78403)
 - Oracle Staff, champs (662926)
 - Oracle Veterans Program (885136208)

Propiedades | Objetivos | Permisos | **Gestionar Usuarios** | Más...

ORACLEACAD ORG: Usuarios

Gestione los usuarios de esta organización. Introduzca un valor en el campo Filtro para buscar usuarios que coincidan con un nombre de usuario, nombre, apellido o dirección de correo electrónico.

[Agregar Usuario](#)

Seleccionar Elemento(s) y... [Suprimir](#) Anterior Siguiente

[Seleccionar Todo](#) | [No Seleccionar Nada](#) Filtro [Ir](#)

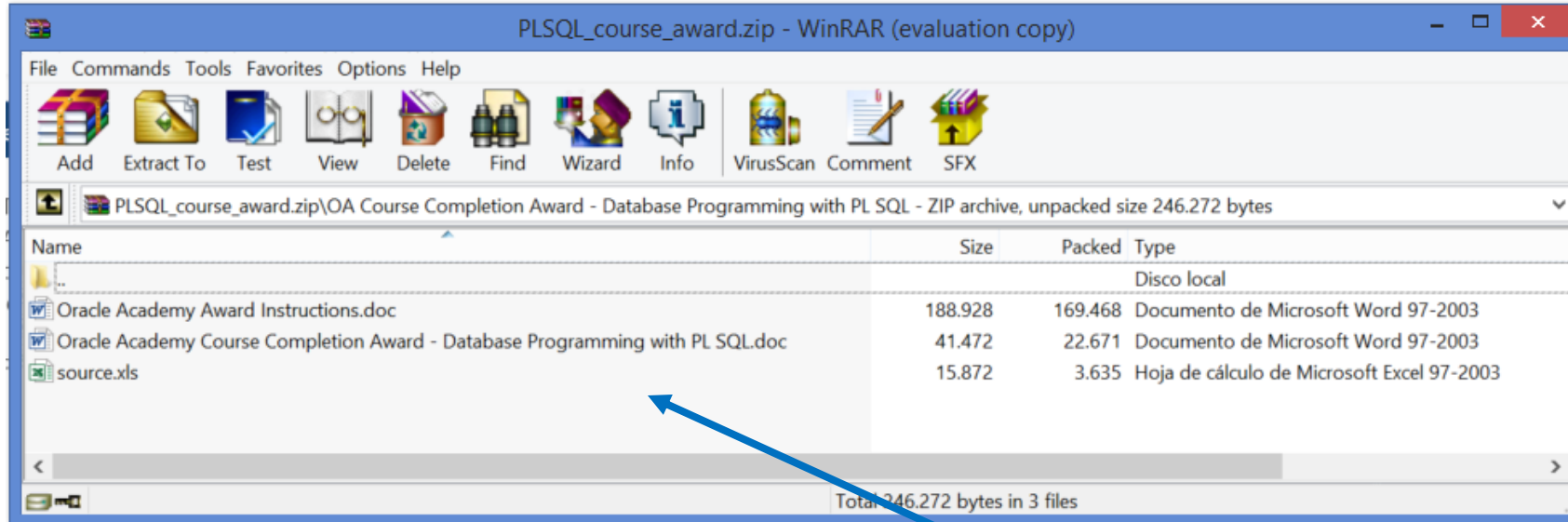
Seleccionar	Usuario	Apellido	Nombre	Correo Electrónico	Organización	Editar
<input type="checkbox"/>	pruebaPUE	Pruebas	Prueba	oracle.academy+elearning@pue.es	ORACLEACAD ORG	
<input type="checkbox"/>	pruebaFOAP	Pruebas	Pruebas	oracle.academy+pruebasFOAP@gmail.com	ORACLEACAD ORG	

2 filas encontradas.

- Creación nuevas cuentas (alumno/Instructor)
- Asignación de alumnos a cursos (Java, SQL, PL/SQL,)
- Informes sobre el proceso completado de los cursos

Plataforma elearning: Certificados

Certificado oficial de participación y de superación de examen final de curso



Página de inicio de Oracle Academy

Los alumnos que completan los cursos y exámenes finales de Oracle Academy reciben un certificado de participación y un certificado de superación de examen final. Los alumnos que aprueben exitosamente el curso correspondiente. Los alumnos que aprueben ambos pueden recibir un certificado de superación de examen final.

- Capacitación
- Recursos
- Descuentos

- Descargue el archivo zip correspondiente aquí abajo.
- Lea las instrucciones de otorgamiento.
- Imprima los certificados en el papel de su elección.

Curso	Certificado de finalización de curso	Certificado de examen final
Database Design and Programming with PL/SQL	Descargar	Descargar
Database Design and Programming with SQL	Descargar	Descargar
Java Fundamentals	Descargar	Descargar
Java Programming	Descargar	Descargar



Plataforma elearning: Certificados

Certificado oficial de participación y de superación de examen final de curso



ORACLE ACADEMY

AWARD *of* ACHIEVEMENT

PRESENTED TO

Pedro García Marín

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Java Fundamentals

FINAL EXAM

22 de marzo 2015

A handwritten signature in blue ink, appearing to read 'Pedro García Marín', is written over a horizontal line.

Oracle Academy Instructor

Beneficios del programa

- Portal privado para miembros
- Certificaciones oficiales
- eLearning
- Software**
- Recursos de Marketing
- Oracle Press

Acceso a Software Oracle

Para docencia e investigación académica sin fines de lucro



Oracle Database

Database

- Database Enterprise Edition

Database Options

- Real Application
- Clusters

Database Enterprise M

- Database Lifecycle Manag
- Oracle Diagnostics Pack
- Oracle Tuning Pack
- Cloud Management Pack f

Oracle Applications Software Programs

J.D. Edwards Enterpris

Financial Management Suite

- Financials
- System Foundation

Primavera

Primavera

- Primavera Contract Management, Business Intelligence Publisher Edition
- Primavera Risk Analysis
- Primavera Contractor

P6

- Primavera P6 Enterprise Portfolio Project Management
- Primavera P6 Professional Project Management

Oracle Middleware

Cloud Application Foundation

- WebLogic Suite (includes TopLink and Application Development Framework)

Data Integration

- Data Integrator Enterprise Edition GoldenGate

Middleware Management

- SOA Management Pack Enterprise Edition
- WebLogic Server Management Pack Enterprise Edition

Service Oriented Architecture

- SOA Suite for Oracle Middleware

WebCenter

- WebCenter Suite Plus

Business Intelligence

- Business Intelligence Suite Enterprise Edition Plus
- Essbase Plus
- Hyperion Interactive Reporting

Identity Management

- Identity and Access Management Suite Plus

Business Process Management

- Unified Business Process Management Suite

PeopleSoft Enterprise

Enterprise HRMS

- Human Resources
- Benefits Administration
- Time and Labor
- Stock Administration
- Pension Administration
- Candidate Gateway
- Talent Acquisition Manager
- eCompensation
- eCompensation Manager Desktop
- eProfile
- eProfile Manager Desktop
- eDevelopment

Oracle E-Business Suite

Intelligence

- Supply Chain & Order Management Intelligence
- Service Intelligence
- Projects Intelligence
- Procurement Intelligence
- Marketing & Sales Intelligence
- Oracle HR Intelligence
- Financials Intelligence
- Fusion Transportation Intelligence
- Human Resources
- Balanced Scorecard

Supply Chain Planning

- Advanced Supply Chain Planning
- Global Order Promising

Procurement

- Purchasing

Manufacturing

- Discrete Manufacturing
- Process Manufacturing

Service

- TeleService

- Support

Acceso a Software Oracle

Descarga desde nuestra cuenta Oracle Academy pasando por Oracle Software Delivery Cloud



ORACLE ACADEMY Bienvenido Luis Cuenta ? Ayuda Cerrar sesión Español Buscar sitio de Oracle Acad

ORACLE CLOUD Preguntas Frecuentes luis.cespedes@pue.es Español Desconectar

Oracle Software Delivery Cloud

Para añadir elementos a la cola, introduzca el producto o la versión de Oracle en el campo de escritura anticipada siguiente y, a continuación, seleccione un valor en la lista de plataformas disponibles. El título se mostrará en la Cola de Descargas. Repita este paso para todos los títulos que desee descargar. Cuando finalice, pulse el botón 'Continuar'.
Debe aceptar las condiciones de la licencia de prueba de Oracle antes de descargar productos para los que actualmente no tiene una licencia válida de utilización.

Filtrar Productos por Programas Linux/OVM/VMs Software Educativo de Autoestudio Ofertas en 1 Clic

Buscar por: Todos oracle 12c **Seleccionar Plataforma**

Elemento Seleccionado	Plataforma
Producto: Oracle Database Enterprise Edition (Database 12c, RDBMS)	Linux x86
Producto: Oracle Database Enterprise Edition (Database 12c, RDBMS)	Linux x86-64
Producto: Oracle Database Enterprise Edition (Database 12c, RDBMS)	Microsoft Windows (32-bit)
Producto: Oracle Database Enterprise Edition (Database 12c, RDBMS)	Microsoft Windows x64 (64-bit)
Producto: Oracle Database Enterprise Edition (Database 12c, RDBMS)	Oracle Solaris on SPARC (64-bit)
Producto: Oracle Database Enterprise Edition (Database 12c, RDBMS)	Oracle Solaris on x86-64 (64-bit)

Cola de Descargas

Eliminar Todos Continuar



Beneficios del programa



Recursos de Marketing: Welcome Kit y eBadge



Kit de bienvenida:

- Carta de bienvenida.
- Placa identificativa con el nombre del centro serigrafiado.
- Banderola de lona con el logotipo identificativo del programa

Ebadge:

- Distintivo **eBadge** a utilizar en redes sociales y/o en la firma de su correo electrónico, etc.



Recursos de Marketing: Logo oficial

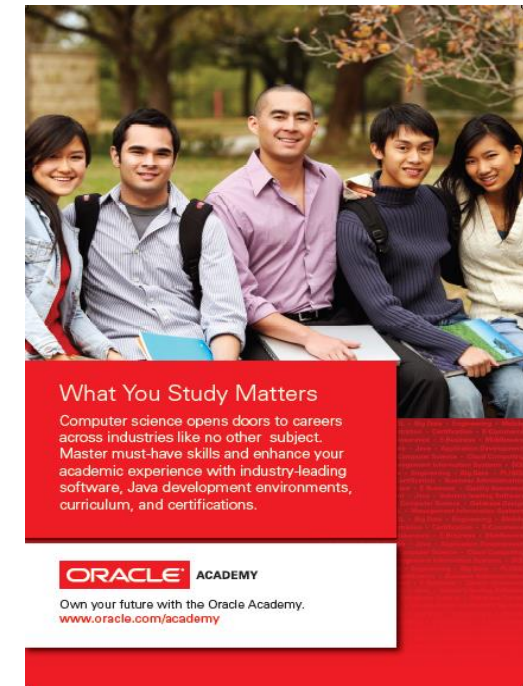
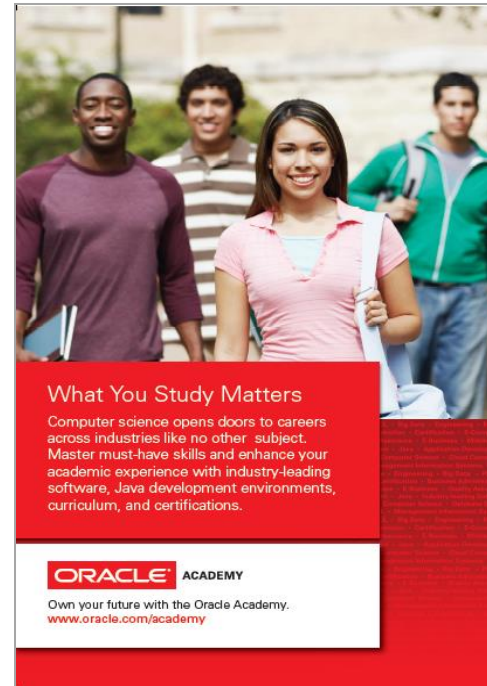
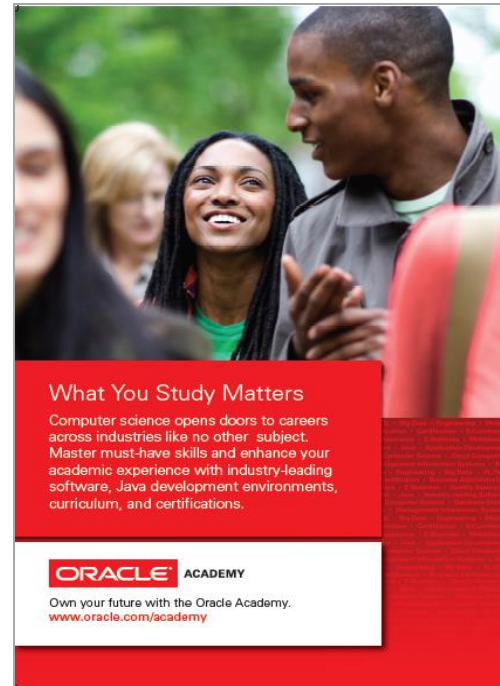
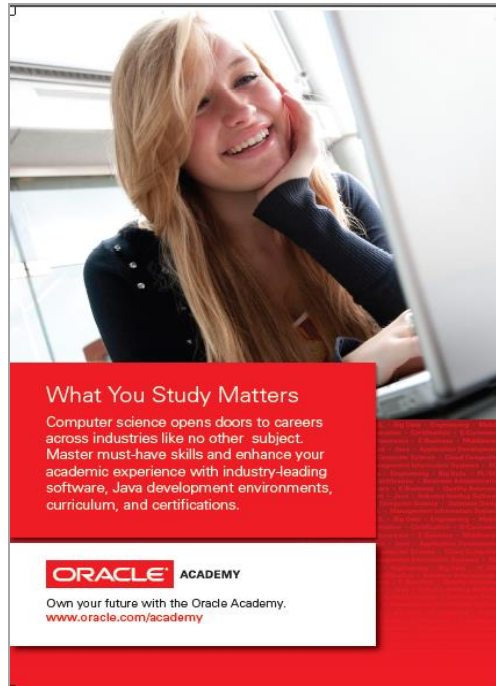


- Los miembros del programa tienen derecho a utilizar los logos oficiales del programa para promover su figura de centro de formación académico oficial de Oracle.
- Disponibles en color con fondo blanco o negro.
- Tres formatos de archivo disponibles: gif, bmp y eps.
- Normas de uso del logo: [Academy Logo Usage Guidelines](#)

Recursos de Marketing: Posters académicos



ORACLE[®] ACADEMY



Varios posters disponibles en formato 63 cm x 93.5 cm para ser usados como material promocional.

ORACLE[®]

Beneficios del programa

- Portal privado para miembros
- Certificaciones oficiales
- eLearning
- Software
- Recursos de Marketing
- Oracle Press



50% de descuento en libros y ebooks de Oracle Press

Oracle Press™

Suscripción al programa

¿A quién va dirigido?



**Centros de Formación Profesional y
Departamentos de Informática de Universidades**

¿Con qué objetivo?



**Aplicación de los contenidos oficiales Oracle
exclusivamente en itinerarios de formación reglada.**

¿Cuánto cuesta?



Alta / Renovación Anual: 450,00€ (IVA incluido)

www.pue.es/educacion/oracle-academy

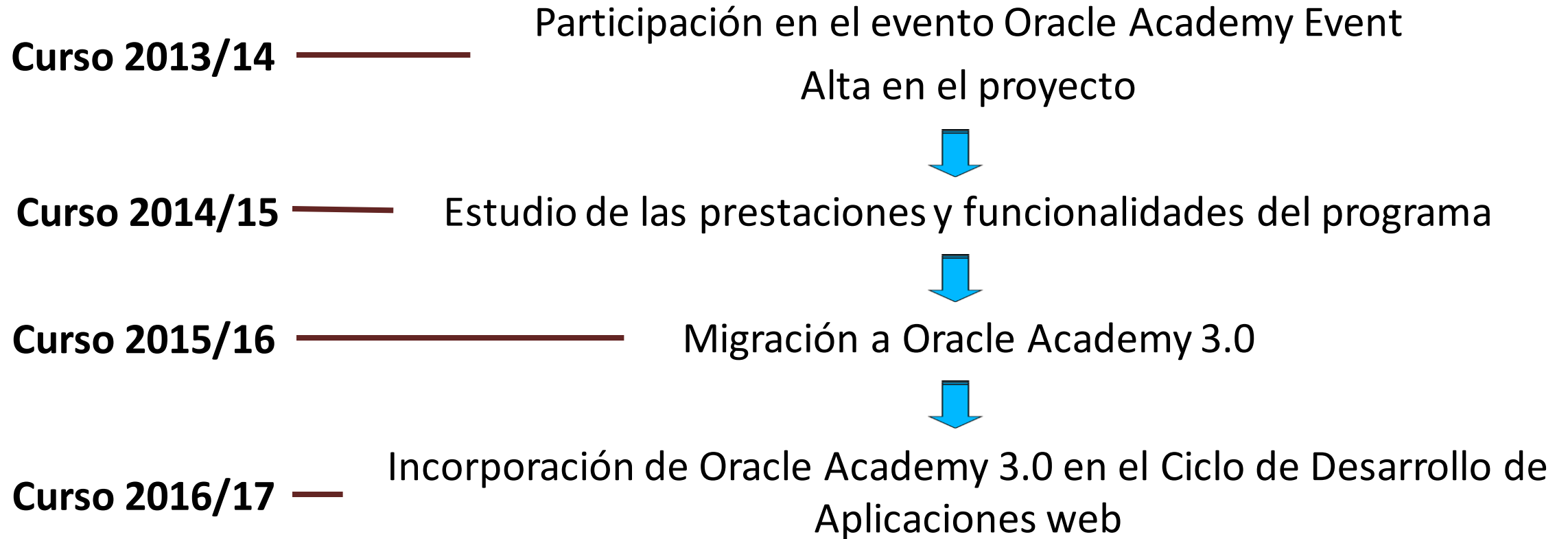
Caso de éxito – IES San Juan de la Cruz



Centro de Formación Profesional público ubicado en Pozuelo de Alarcón, Madrid.

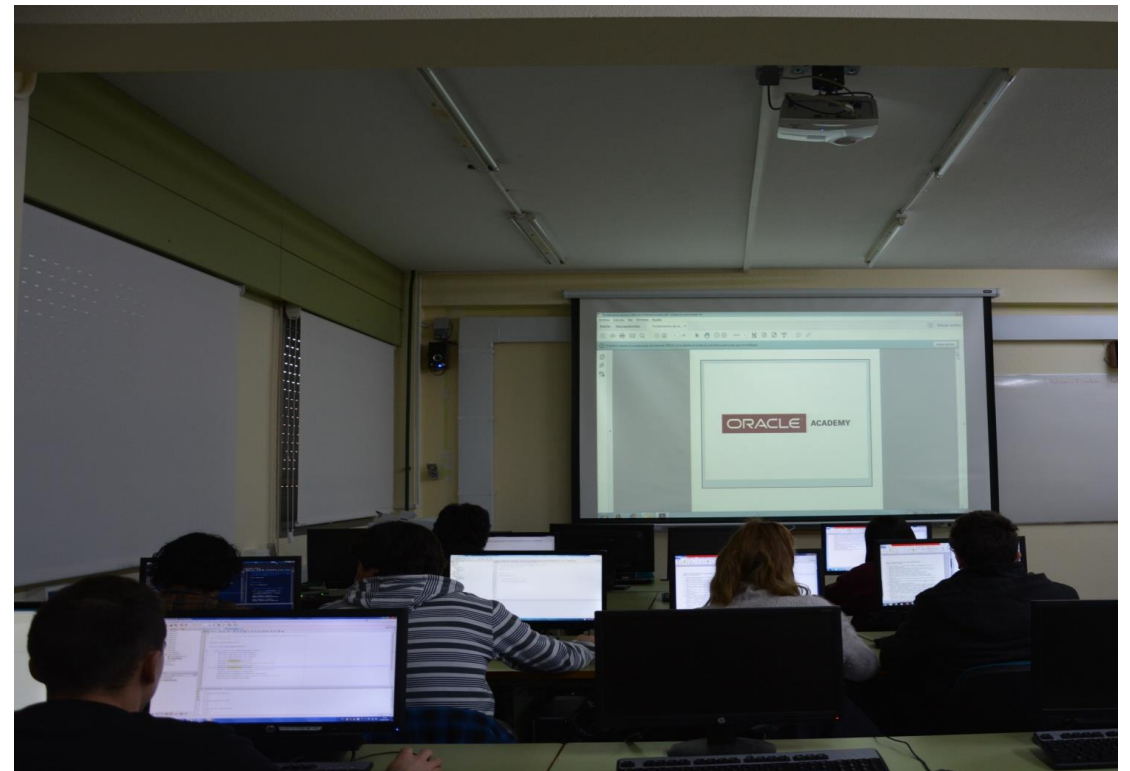


Caso de éxito – IES San Juan de la Cruz



Caso de éxito – IES San Juan de la Cruz

- Implantación en el módulo de Programación incluido en el ciclo formativo de **Grado Superior de Desarrollo de Aplicaciones Web**
- Integración en el material curricular de los **cursos online de la plataforma elearning de Java**, principalmente Java Fundamentals
- Al finalizar el curso, entrega de **diplomas oficiales**



¡Gracias!

¿Qué te ha parecido la ponencia de Oracle Academy?

Sólo te pedimos 2 minutos o menos para responder 3 preguntas



pue.es/e-poracle

Tu opinión nos importa. 