ORACLE

Benefits for Higher Education & Oracle Academy

Safe harbor statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions.

The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

Benefits for Higher Education & Oracle Academy

1   Contingency plan and Recommendations

2   Promotional credits

3   Oracle Academy Program

4   Oracle Academy Free Cloud Program

5   Oracle Academy Free Trainings and Courses

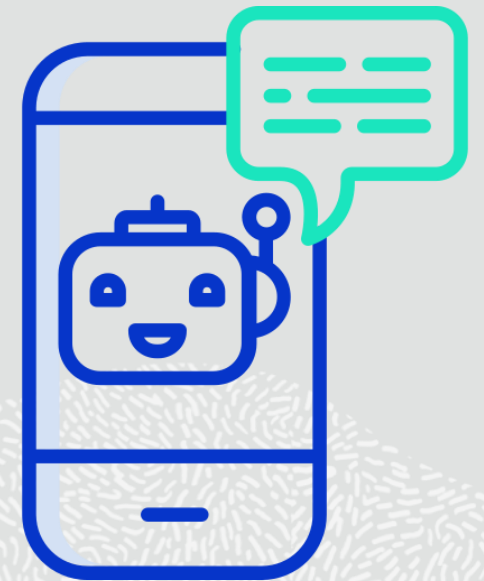6   Oracle Academy Certifications and Free Other Resources

1. Contingency plan and Recommendations

Offer an instant communication with your students & provide a great IT Online Support.

Chatbot Service : Free package (Free Set-up + 2 months Free Promotional Cloud Credits):

What does it include? Oracle offers a free Service of 2 month Cloud Credits + Oracle Consulting implementation at no cost for the University.

Scope of the Project: Provide with recommendations to students according to Universities policies and provide IT Support to the online education.

2. Promotional Credits

2.1. For **IT Department** and **Internal University Projects**:

Free Promotional Cloud Credits during 2 months to use any service available in the Oracle Cloud Portfolio.

Please, check the list of [services here.](#)

To activate it , please contact your account manager

3. Oracle Academy Program

Oracle's flagship global philanthropic educational program

Advancing computing education globally to increase knowledge, skills development, innovation and diversity in technology fields

Free program for educational institutions, educators, and their students

Engages with thousands of educational institutions and educators in 120+ countries

Helps millions of students become college and career ready

We believe everyone should have the skills and opportunities to achieve their dreams.

About Oracle Academy

Oracle Academy **offers free online hosted resources to teach and learn computer science**, including curriculum, learning resources, Oracle cloud technologies, software, support, and professional certification resources.

With Oracle Academy, faculty receive **free** online curriculum resources including learning modules, quizzes, and reporting tools to help make their students **college and career ready**.

Engaging Learners

Oracle Academy offers educational institutions and educators **free computing tools** they need to engage, inspire and prepare students to become tomorrow's innovators and leaders and **achieve their dreams.**

Oracle Academy Institutional Memberships (It's Free!)

BENEFITS INCLUDE:

- Complete modularized academic curriculum in database design, SQL, Database Application Development, PL/SQL, and Java

- Free educator professional development

- Access to Oracle's industry-leading software and cloud solutions

- Access to personal, teacher, and student Oracle Academy Application Express (APEX) workspaces

- Online, hands-on lectures delivered by Oracle experts

- Discounted Oracle University training

- Discounted certification resources, including Oracle Certified Junior Associate certification exams

- Access to Oracle Academy Educator Online Community

- Visibility in our prestigious Oracle Academy Directory of Institutional members

What Oracle Academy Offers
Four-Year Colleges and Universities

ORACLE
Academy
It's Free!

Benefits

- Full academic curriculum in vendor neutral, academic curriculum—first- and second-year courses

- Hosted curriculum, assessments and reporting tools

- Relevant projects and solutions

- Free cloud-based application practice environments

- Learning resources to support flipped classrooms and supplement learning

- Oracle software for teaching and not-for-profit academic research
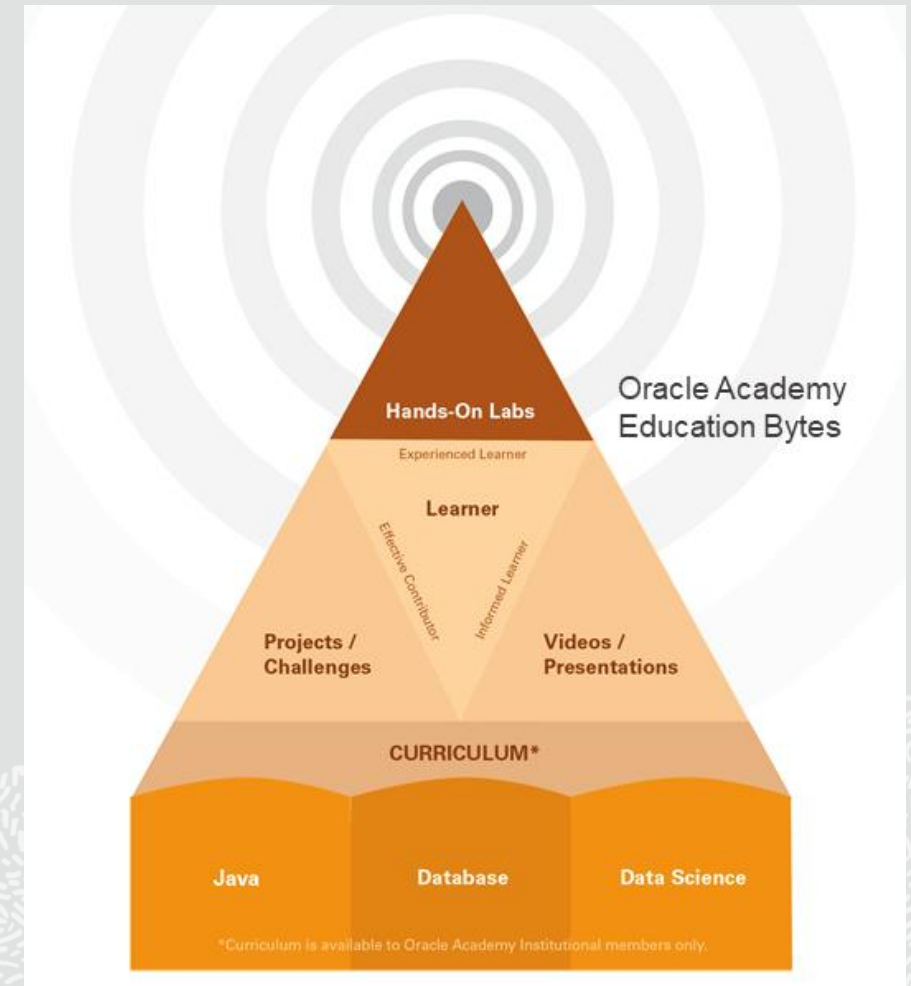
Recommended Courses

- Getting Started with Java Using Alice

- Creating Java Programs with Greenfoot

- Solve It with SQL

- Java Fundamentals and Java Foundations

- Artificial Intelligence with Machine Learning in Java

- Database Foundations and Database Design and Programming with SQL

- Programming with PL/SQL

- APEX Application Development Foundations

Key Outcomes

- Modern industry resources to support institutional curriculum and degrees

- Engaged and motivated students with strong foundational computer science education and skills

- Support for computer science education pathways and credit leveling

- Students with demonstrable skills and industry certifications

- Career-ready, industry literate students

Oracle Academy Education Bytes

- Short, flexible learning modules in programming, database, data science, and big data that teach new concepts and enhance existing knowledge and skills, problem solving, creativity, and learning retention.

- Can be used alone or to enhance Oracle Academy curriculum.

- Offers content in three formats:
Hands-on labs, projects and challenges, and videos and presentations.

Oracle Academy Education Bytes

Hands-On Labs
Experienced Learner
Learner
Effective Contributor
Informed Learner
Projects / Challenges
Videos / Presentations
CURRICULUM*
Java
Database
Data Science
*Curriculum is available to Oracle Academy Institutional members only.

Oracle Academy Education Bytes

Hands-On Labs—Step-by-step instruction-based labs designed to be facilitated by an educator or self-studied by an individual learner. Some may require prior knowledge or completion of curriculum.

Projects and Challenges—Stand-alone projects that can be used independently of, during, or at the end of an Oracle Academy workshop or course.

Videos and Presentations—These can be used within the classroom or viewed by individual learners at their own pace to learn more about computer science topics.

4. Oracle Academy Free Cloud Program

Access to Free Tier

- Includes powerful **Autonomous Database and Oracle Cloud Infrastructure**, available to educators and their students for an unlimited time

- Teach and learn in the cloud

- Comprehensive curriculum with startup guides for ADB: SQL, PL/SQL, SQL Builder, plus APEX, Compute VM, Oracle Linux, and Java

Accelerated Sign-Up & One Console

- Unified console experience and easy navigation

- IaaS, PaaS & SaaS access via one user interface

- Intuitive and easy account sign-up process

- Zero install and completely portable

Free Credits

- 365-day USD$300 credit

- Learn, explore and build for free in services such as Big Data, NoSQL, Kubernetes, Digital Assistant, Java, Content and Experience and many more

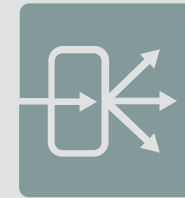# Oracle Academy Cloud Program Includes

Autonomous Database

Compute VM

Storage

Networking/ Load Balancing

Monitoring / Notifications

2 x Databases 20 GB each

2 x VMs 1 GB Memory each

100 GB Block 10 GB Object 10 GB Archive

10 Mbps LB 10 TB Outbound Data Transfer

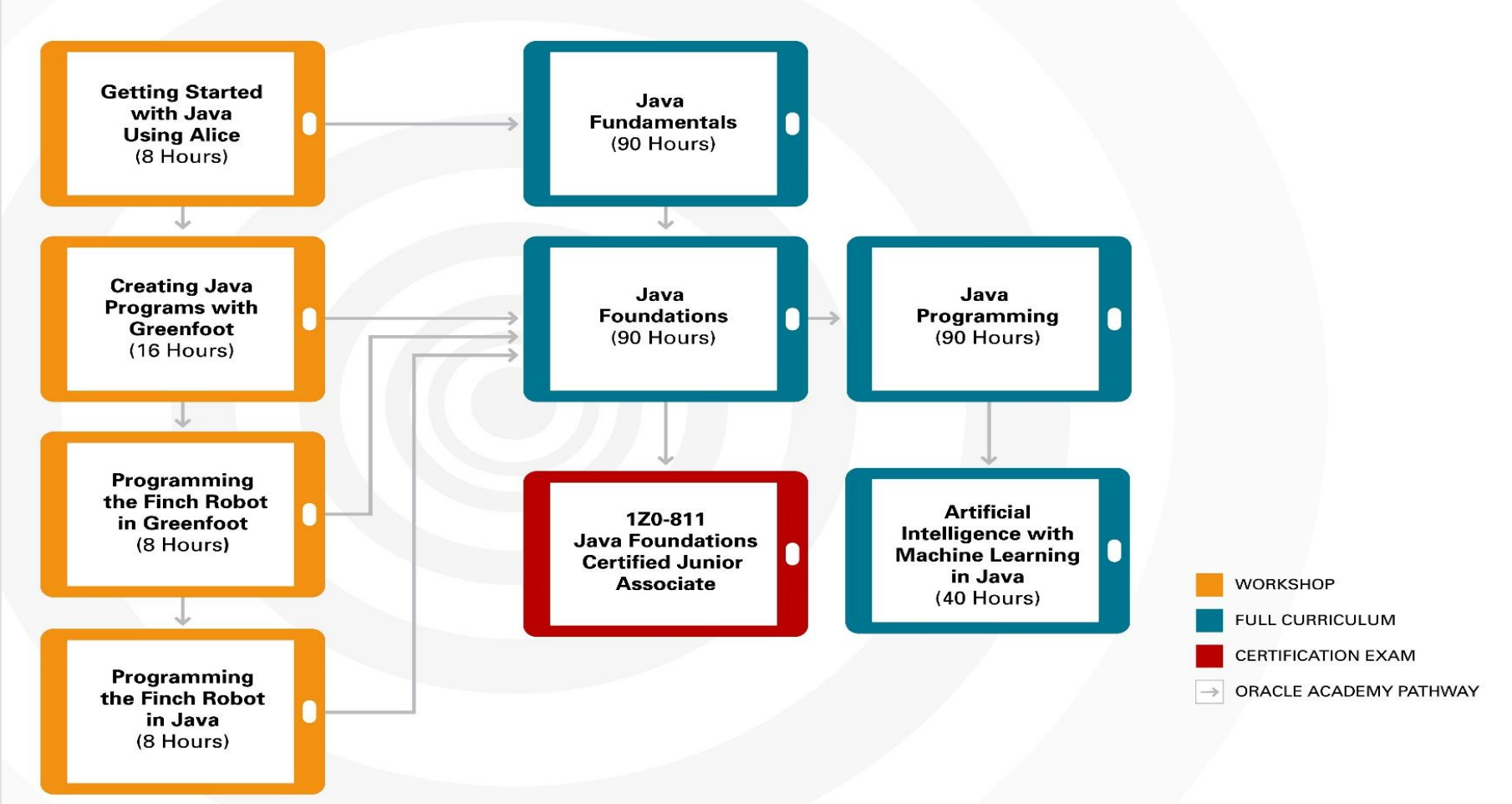*500M Metrics Ingestion 1B Metrics Retrieval 1M Notifications 1K Emails*

Oracle Academy Free Cloud Program

*Access to the **Oracle Academy Cloud Program**, which provides access to the Oracle Cloud Free Tier for teaching and learning.*

Join TODAY!– IT'S FREE

5. Oracle Academy Free Trainings and Courses

Curriculum – Java Pathway

ORACLE
Academy

Getting Started with Java Using Alice (8 Hours) → Java Fundamentals (90 Hours)

Creating Java Programs with Greenfoot (16 Hours)

Programming the Finch Robot in Greenfoot (8 Hours)

Programming the Finch Robot in Java (8 Hours)

Java Foundations (90 Hours) → Java Programming (90 Hours)

1Z0-811 Java Foundations Certified Junior Associate

Artificial Intelligence with Machine Learning in Java (40 Hours)

WORKSHOP
FULL CURRICULUM
CERTIFICATION EXAM
→ ORACLE ACADEMY PATHWAY

Curriculum – Java Courses

Java Fundamentals

Engages participants with little or no programming experience. Participants are introduced to object-oriented concepts, terminology, and syntax using hands-on, engaging activities on easy to use Java platforms to scaffold the knowledge to create basic Java programs. 90 Hours

Java Foundations

Engages participants with little programming experience in Java programming using a standard Java editor. Participants are introduced to programming concepts, object-oriented concepts, terminology, and syntax, and the steps required to create basic Java programs. 90 Hours

Java Programming

Builds on the skills gained in Java Fundamentals or Java Foundations to help advance Java programming skills. Participants design object-oriented applications with Java and create Java programs using hands-on, engaging activities. 90 Hours

NEW! Artificial Intelligence with Machine Learning in Java

Building on the skills gained in Java Foundations and Java Programming, students learn and practice machine learning concepts within artificial intelligence. They are introduced to the terminology, syntax, and steps required to create a machine learning solution in Java using hands-on, engaging activities. 40 Hours
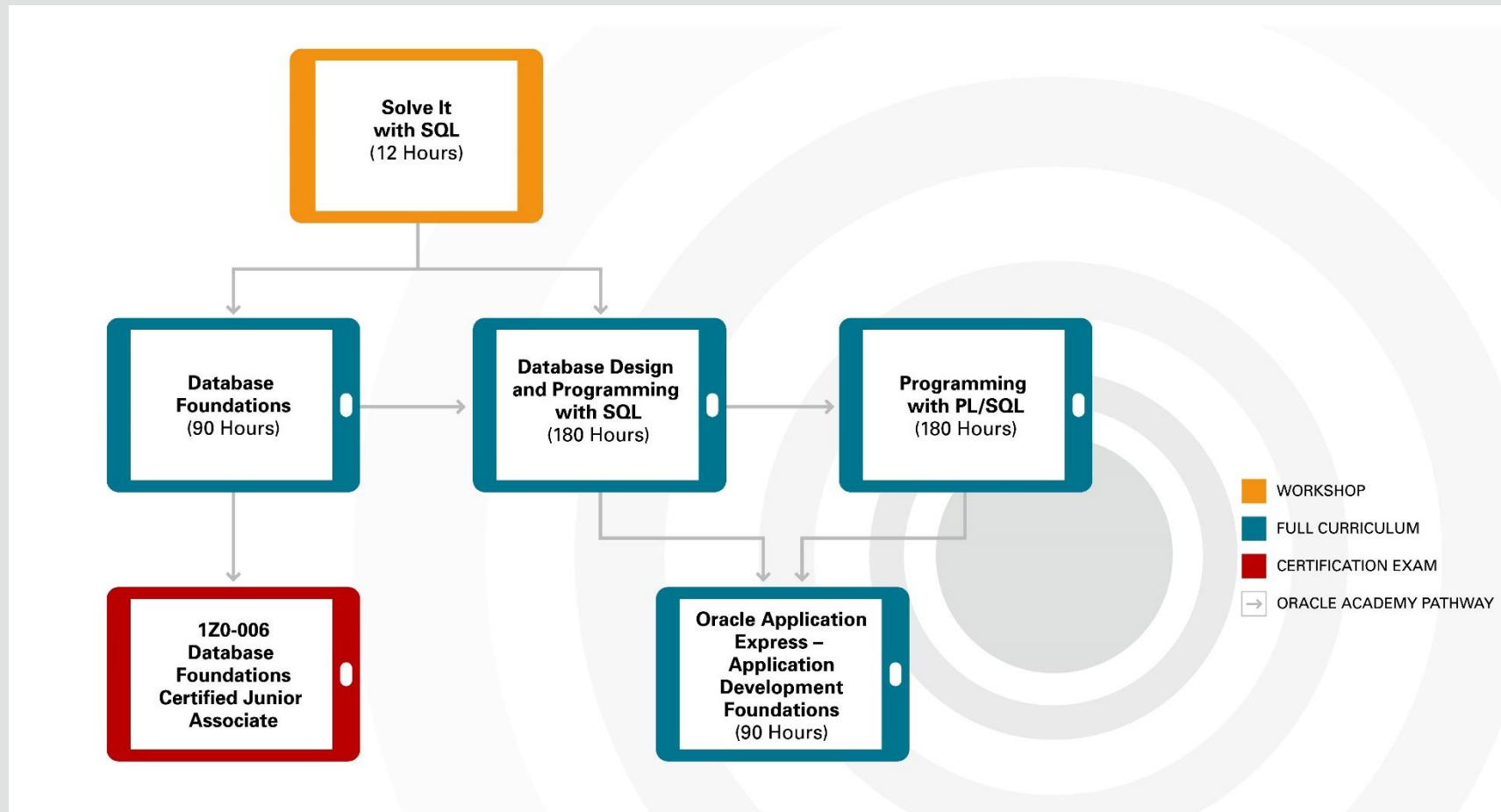
Oracle Academy Database Workshops

The Oracle Academy database workshop, Solve It with SQL, is a great way to introduce databases to beginners. It challenges students to play the role of a superhero and solve a series of crimes using a cloud-based database development environment.

Solve It With SQL
(8 Hours)

Curriculum – Database Pathway

Curriculum – Database Courses

Students are able to learn and practice in the Oracle Database Cloud through Oracle APEX.

Database Foundations
Students with little database experience learn database design techniques, design databases using a modeling tool, and are introduced to SQL to implement and query databases using hands-on, engaging activities. 90 Hours

Database Design and Programming with SQL
Students learn to analyze complex business scenarios to develop data models and databases using SQL in hands-on, engaging activities. **180 Hours**

Programming with PL / SQL
Students are introduced to PL/SQL and explore how it extends and automates SQL in administering the Oracle database, and create projects to design, implement, and demonstrate a database solution for a business. 180 Hours
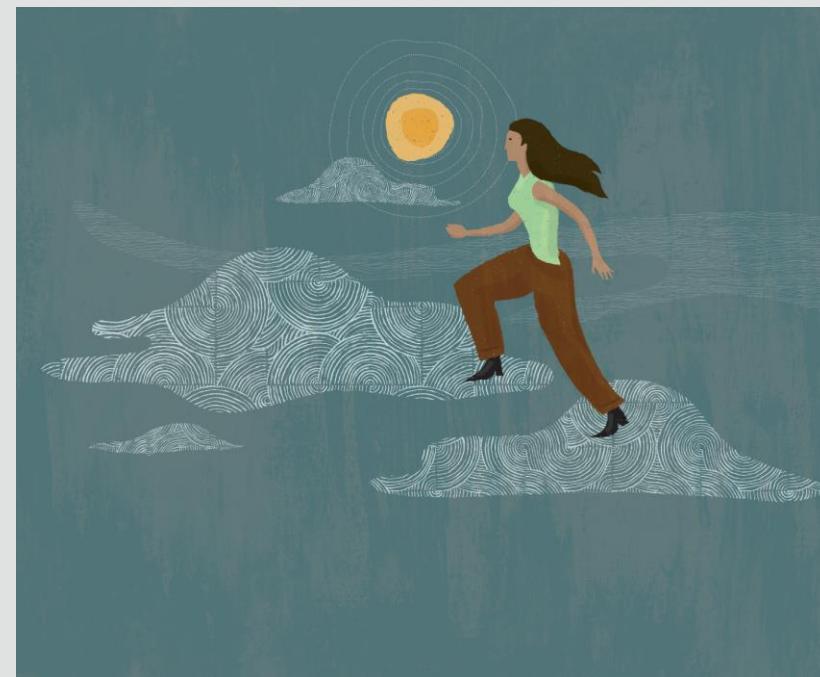
Application Development Foundations
Students learn techniques and tools required to develop database-driven web applications as well as how to design, develop, and deploy database-driven web applications using Oracle Application Express (APEX). 90 Hours

6. Oracle Academy Certifications & Free Other Resources

Oracle Academy **offers free online hosted resources to teach and learn computer science**, including curriculum, learning resources, Oracle cloud technologies, software, support, and professional certification resources.

With Oracle Academy, faculty receive **free** online curriculum resources including learning modules, quizzes, and reporting tools to help make their students **college and career ready**.

Student Pathways to Certification

Oracle Academy courses align to Oracle certifications offered through Oracle University. Through certification, students can demonstrate database and Java knowledge and skills with a distinction recognized by IT industries and professionals—giving them a competitive edge when applying for internships and jobs, and preparing them for Oracle Certified Associate and Professional certifications.

Students Pathways to Java Certifications

Oracle Academy Course(s)	Oracle Certification Preparation Options	Oracle Certification Exams	Oracle Certification Achieved
Java Fundamentals and **Java Programming***	1Z0-808 – Practice Test: Oracle Java SE 8 Programmer I	1Z0-808 – Oracle Java SE 8 Programmer I	Oracle Certified Associate, Java SE 8 Programmer

*Both Java Foundations and Java Programming must be completed to build toward the knowledge required for the Oracle Certified Associate, Java SE 8 Programmer certification, but further study and practice is highly recommended for obtaining certification.

Students Pathways to Database Certification

Oracle Academy Course(s)	Oracle Certification Preparation Options	Oracle Certification Exams	Oracle Certification Achieved
Database Design & Programming with SQL	1Z0-071 – Oracle Database SQL	1Z0-071 Oracle Database SQL	Oracle Database Certified Associate**
Programming with PL/SQL	1Z0-144 Oracle 11g: Program with PL/SQL	1Z0-144 Oracle Database 11g: Program with PL/SQL	Oracle PL/SQL Developer Certified Associate***

**This Oracle Certified Associate certification is awarded only to candidates who pass the new Oracle Database SQL | 1Z0-071 exam. This exam tests on topics that better align with the job role, and passing it results in an Oracle Certified Associate credential.

***Requires prior successful completion of Oracle Database SQL (1Z0-071) or any of the following exams: Oracle Database 12c SQL Fundamentals (1Z0-061) retiring on November 2019; Oracle Database 11g: SQL Fundamentals (1Z0-051) retired on April 2018; or Oracle Database SQL Expert (1Z0-047) retired.

Oracle Certifications

- To help support faculty and students, we offer Institutional member educators and students discounts on a variety of Oracle University certification preparation products and exams.

50% Discount on Oracle University training*

25% Discount on Oracle Certification exam vouchers

50% Discount on select Oracle Certification practice exams

*This benefit is available only to faculty and staff employed by an Oracle Academy Institutional member.

Oracle Academy Workshops In a Box

ORACLE
Academy

Encourage Your Community to Get Involved

Create an opportunity for parents, volunteers, computer club sponsors and educators who may not specialize in teaching computer science to get involved and engage students in a fun, no-pressure learning atmosphere.

Everything you need to get started can be found all in one place in a Workshop In a Box:

- Getting Started with Java Using Alice

- Creating Java Programs with Greenfoot

- Programming the Finch Robot in Greenfoot

- Programming the Finch Robot in Java

- Solve It With SQL

Getting Started: Hands-On Workshops

Make first experiences with computing fun and engaging, while leveraging best academic curriculum practices. Educators use Oracle Academy workshops to:

- Introduce computer science in a fun and engaging way
- Incorporate computer science into the teaching of other academic disciplines
- Offer extra-curricular programs, events and experiences

Oracle Academy Java Workshops

Oracle Academy Java workshops introduce beginning learners to object-oriented programming using drag and drop interfaces to create 3D animations and 2D games, and interact with the Finch Robot.

| Getting Started With Java using Alice (8 Hours) | Creating Java Programs with Greenfoot (16 Hours) |
| Programming the Finch Robot with Greenfoot (8 Hours) | Programming the Finch Robot with Java (8 Hours) |

Oracle Press Books

Oracle Press Books are written by experts offering advanced insight into a vast amount of technology topics.

Educators and students associated with an Oracle Academy Institutional Member receive **50% off** all Oracle Press books and ebooks.

Oracle Press

Your destination for Oracle expertise for more than 20 years! Written by leading technology professionals, Oracle Press books offer the most authoritative, complete, and up-to-date coverage of Oracle products and technologies available. Oracle Press books are available in print and eBook formats. You can review our latest publications below. Also be sure to **follow Oracle Press on Twitter**.

RESPONDING TO A PROMOTION? | Enter Promo Code | **View Promotion**

Java: A Beginner's Guide, Seventh Edition

Author(s): Herbert Schildt

$40.00 $32.00

Add to Cart

Oracle Database 12c Release 2 Testing Tools and Techniques for Performance and Scalability

Author(s): Jim Czuprynski||Deiby Gomez||Bert Scalzo

$50.00

Add to Cart

Java: The Complete Reference, Tenth Edition

Author(s): Herbert Schildt

$60.00 $48.00

Add to Cart

Recap Oracle Academy Membership

Institutional Membership Benefits
✓ Access to Oracle Cloud Free Tier and Autonomous Database through the Oracle Academy Cloud Program
✓ Complete academic curriculum and Education Bytes in database and Java, including all classroom resources and teaching materials, assessments, and reporting tools
✓ For teaching and not-for-profit academic research use, access to Oracle technology and software licenses, open source software, and Java development environments
✓ Access to educator and student Oracle Application Express (APEX) workspaces for hands-on database practice
✓ Free educator professional development training from Oracle Academy and Oracle experts
✓ 50% off Oracle Press Books and ebooks, written by experts on a wealth of technology topics
✓ Oracle University training and certification resources and exam discounts… and more

Become a member

FREE FOR LIFE

Membership is free and open to accredited institutions of learning.

Incorporate curriculum into degree-granting programs

Prepare students with in-demand skills

Join now

Learn more at oracle.com/academy

Thank you!

—