



Welcome

Oracle Academy — Advancing computing education globally

Camelia Ditescu

Program Manager

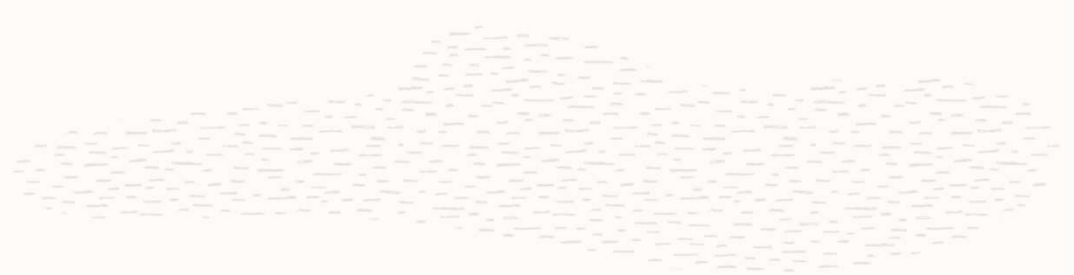
Oracle Academy Romania

April 13, 2022



Agenda

1. What is Oracle Academy?
2. Resources to help students become future tech workforce
3. Oracle Academy Cloud Program
4. Career Learning Resources
5. Oracle Academy in Romania



About Oracle Academy

Oracle's global philanthropic educational program

Advances computing education globally to increase knowledge, skills development, innovation, and diversity in technology.

Free program
for educational
institutions,
educators, and
their students



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



Helps **millions**
of students get
hands-on
practice in
industry-relevant
technologies
and become
career ready



What Oracle Academy Offers educational institutions

Resources educators use to help students become future tech workforce



Benefits

- Access to **Oracle Cloud** Free Tier
- Full **academic curriculum** in key Oracle Technologies
- Oracle **software** for teaching and not-for-profit academic research
- Relevant projects and solutions
- Cloud-based application practice environments
- Resources to support flipped classrooms and supplement learning
- Industry **Certification** Resources
- Educator **professional development**

Technical Areas Covered

- Java
- Artificial Intelligence
- APEX
- Database
- SQL
- PL/SQL
- Autonomous Database
- Oracle Cloud Infrastructure
- Linux
- Primavera
- NetSuite
- Kubernetes
- Machine Learning

Key Outcomes

- Industry resources to embed degree diploma programs in computer science, data science, data analytics, construction and engineering project management, business, sales and marketing +
- Engaged and motivated students with strong foundational industry led technical & academic skills
- Support for academic pathways, credit leveling, and potential articulation between K12 and higher education
- Students with **demonstrable skills, industry relevant, career-ready skills** and industry certifications



Academic Alignments

ORACLE
Academy

College of Business

Accounting
Sales
Marketing
Retailing/eCommerce
Supply Chain Management
Accounting Information Systems
Computer Information Systems
Management Information Systems

College of Engineering

Civil Engineering
Construction Management
Project Management
Architecture

College of Sciences

Computer Science
Mathematics
Business Intelligence/Analytics
Data Science
Statistics

Oracle Academy NetSuite

Oracle APEX

Oracle Academy Education Bytes

Database Curriculum

- Database Foundations
- Database Design and Programming with SQL
- Programming with PL/SQL
- Oracle Application Express (APEX) Development Foundations

On-Premises Software

Project Management Curriculum

Primavera Professional
Project Management Fundamentals

Oracle Academy Cloud Program

Oracle Academy Education Bytes

Database Curriculum

- Database Foundations
- Database Design and Programming with SQL
- Programming with PL/SQL
- Oracle Application Express (APEX) Development Foundations

Java Curriculum

- Java Fundamentals
- Java Foundations
- Java Programming
- Artificial Intelligence with Machine Learning in Java

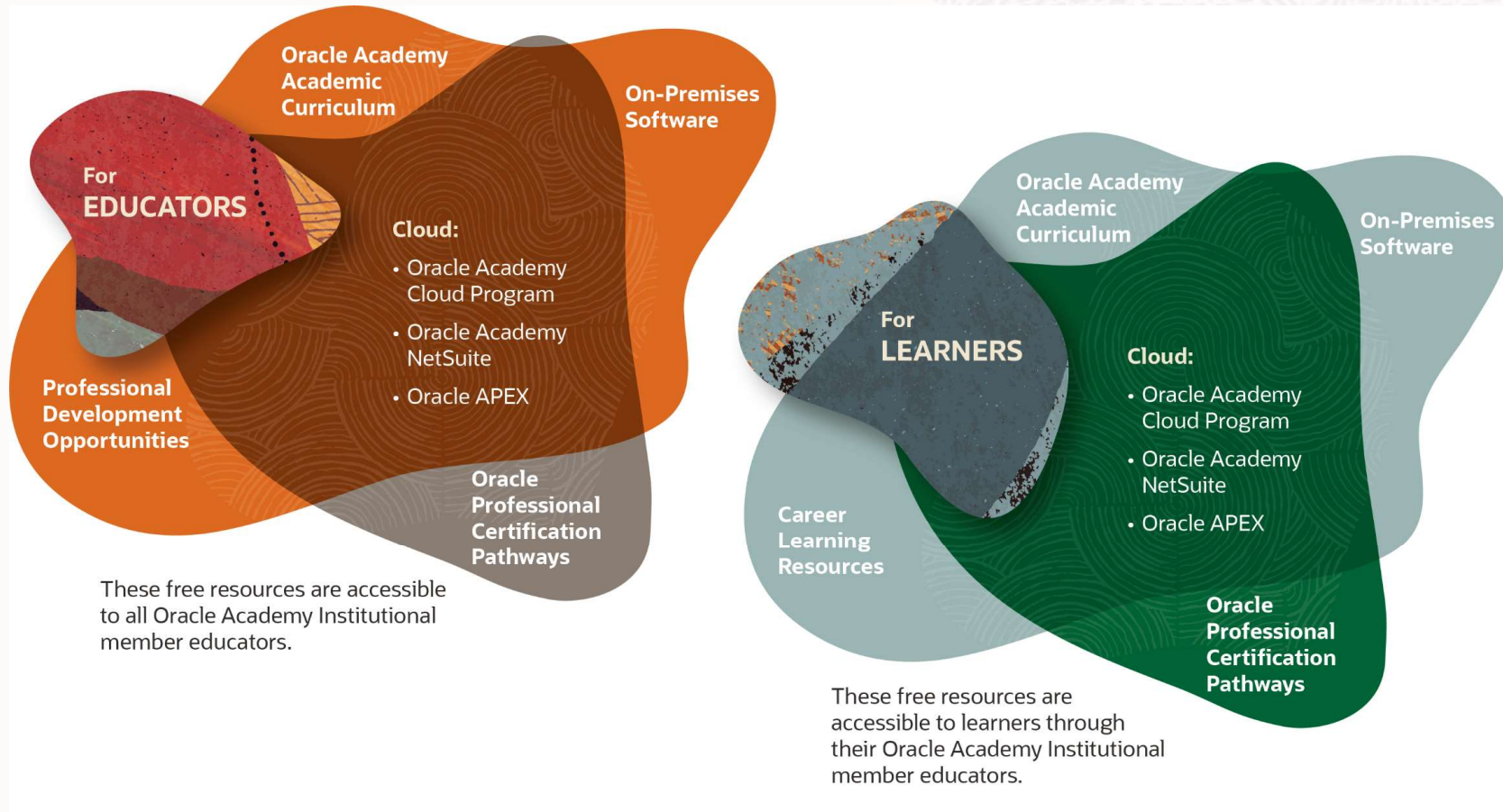
Cloud Curriculum

Oracle Academy NetSuite

On-Premises Software



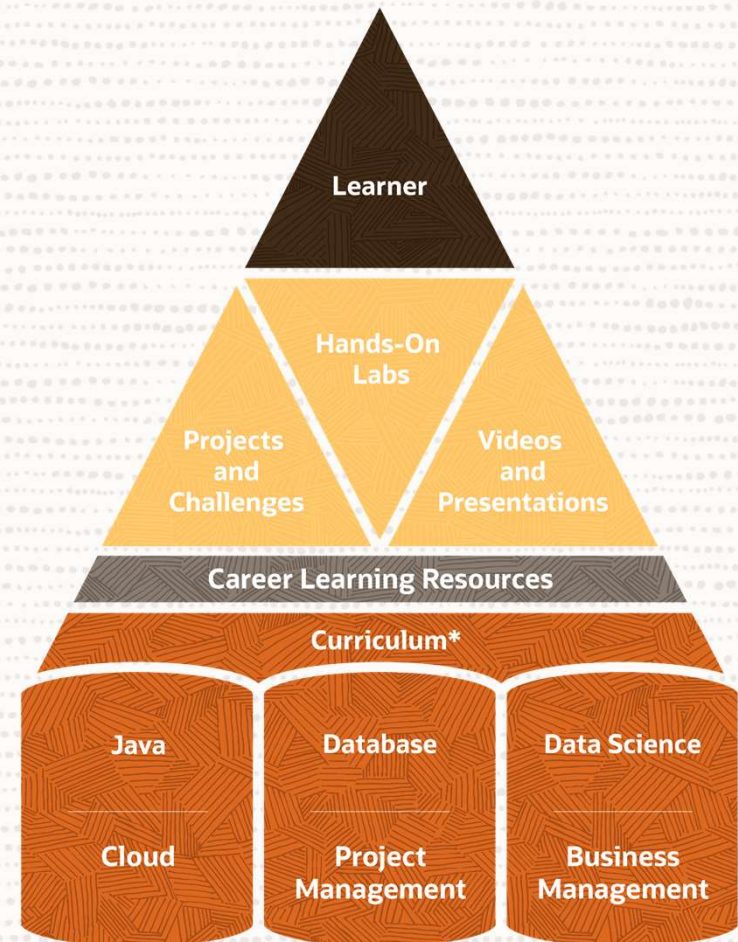
Free teaching and learning resources – for educators and learners



Free teaching and learning resources

Oracle Academy Education Bytes

- Short, flexible learning modules in programming, database, data science, big data, and many more topics 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.



*Curriculum is available to Oracle Academy Institutional members only.



Free teaching and learning resources

Oracle Academy Cloud Program

Access to Free Tier and Oracle APEX

- Includes powerful Autonomous Database and Oracle Cloud Infrastructure, available to educators and their students for an unlimited time
- Teach and learn in the cloud with one-time classroom setup
- Comprehensive curriculum with startup guides for ADB: SQL, PL/SQL, SQL Builder, plus APEX, Compute VM, Oracle Linux, and Java

Easy signup

- Intuitive and easy account sign-up process and unified console experience and easy navigation
- Educators easily can provision student accounts, and classes are up and running in the cloud for anytime, anywhere access without the need to download, install, or maintain software or databases, saving hours of time year over year
- IaaS, PaaS & SaaS access via one user interface

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

Explore the cloud at academy.oracle.com/cloud.



Career Learning Resources



This new offering helps learners make connections between Oracle Academy core academic curriculum and exploration of career pathways that include professional training – with the option to explore Oracle professional certifications. Career Learning Resources with free career-based learning content modules through Oracle University, Oracle Learning Library, and Oracle developer teams.

Engineering and Development Roles



Database Administrators

Database Administrators (DBAs) use specialized software to store and organize data.

Available courses:

- Oracle Database Explorer
- Oracle SQL Explorer
- Autonomous Database Explorer
- Autonomous Database Workshop
- APEX Explorer
- MySQL Explorer



Software Developers

Software Developers create the applications or systems that run on a computer or another device.

Available courses:

- Oracle SQL Explorer
- DevOps Explorer
- Java Explorer



Cloud Infrastructure Engineers

Cloud Engineers design, plan, manage, maintain, and support, cloud computing environments.

Available courses:

- OCI Explorer
- OCI Foundations Associate
- OCI Architect Associate
- OCI Architect Professional
- OCI Operations Associate
- Cloud Native Development Explorer



System Administrators

System Administrators are back-end IT specialist who install, configure and maintain operating systems.

Available courses:

- Linux Administrator



Project Managers

Project Managers analyze and coordinate the schedule, timeline, procurement, staffing, and budget of a product or service on a per project basis.

Available courses:

- Project Management Explorer
- Primavera P6 Professional

Corporate Function Roles



Human Resources

Human Resources develops and executes strategies that maximize the value of people.

Available courses:

- Time and Labor Explorer
- Recruiting Explorer
- Compensation Explorer
- Oracle Learning Cloud Explorer
- Absence Management Explorer
- Performance Management Explorer
- Performance Goal Explorer
- HCM Cloud Integration Explorer
- Succession Management Explorer
- Global HR Explorer



Finance

Finance uses problem-solving skills to drive financial strategy to help a company grow.

Available courses:

- Payables Explorer
- Receivables and Collections Explorer
- Business Intelligence Explorer
- Expenses Explorer
- Fixed Assets Explorer
- General Ledger Explorer
- Accounting Hub Explorer
- Project Management Explorer

Sales Roles



Business Development Consultants

Business Development Consultants support sales representatives.

Available courses:

- B2B Service Explorer
- Sales Performance Management Explorer
- Sales Force Automation Explorer



Sales Managers

Sales Managers lead a team of sales account executives.

Available courses:

- B2B Service Explorer
- Sales Performance Management Explorer
- Eloqua Explorer
- Sales Force Automation Explorer

Students access self paced learning paths via their faculty creating accounts for them in the Member Hub



Country Romania

Current and planned engagements

ORACLE
Academy

Strategic
universities

- Renew the Partnership **with MoE**
- 689 Institutions from which:
 - High schools 648 (588 under Bulk renew with MoE)
 - Universities 39 - All of the top 10 universities are members
- 1,288 faculty members
 - 157 are university faculty
- Engagement events:
 - Key Accounts Member Hub introduction / Webinars
 - One Office Hour/month (next on 24 of March and 28 of April 2022)
 - 2 different competitions for high school and middle school with Adfaber
 - Workshops in universities
 - OA Club for university students – this year from Romania not only Bucharest

Universitatea Politehnica din Bucuresti
Universitatea din Bucuresti;
Universitatea Alexandru Ioan Cuza;
Universitatea Tehnica Gheorghe Asachi din Iasi;
Universitatea de Vest din Timisoara;
Universitatea Babes-Bolyai;
Universitatea Politehnica din Timisoara;
Universitatea Tehnica din Cluj-Napoca;
Academia de Studii Economice din Bucuresti



Questions?

