

Java for AP Computer Science A Curriculum

Java is a top programming language. It reduces costs, shortens development timeframes, drives innovation, and improves application services. With millions of developers running more than 51 billion Java Virtual Machines globally, Java continues to be the development platform of choice for enterprises and developers.

Learn Java from the Java experts

Now, students can learn Java knowledge and skills and get hands-on practice as early as secondary school with the FREE Oracle Academy Java for AP Computer Science A curriculum, developed by the Java experts.

Through hands-on, engaging activities, this yearlong curriculum introduces learners to object-oriented programming concepts, terminology, syntax, and the steps to create basic Java programs, and provides them with the opportunity to design object-oriented applications with Java.

Get students ready for the AP test and more

This FREE curriculum, endorsed by the College Board, prepares high school/secondary school students for the College Board AP Computer Science A exam as well as the Oracle Certified Foundations Associate, Java exam (1Z0-811). This curriculum also may benefit educators and students who wish to extend their Java knowledge beyond Oracle Academy Java Foundations. The recommended total course time is 180 hours.* Educators who complete training earn 60 continuing professional development (CPD) credit hours.

While all AP Computer Science A objectives outlined by the College Board are covered in the Oracle Academy course materials, to prepare for the AP exam, students will need to study additional AP resources.

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

Oracle Academy, Oracle's global philanthropic educational program, is open to academic institutions and their educators to help advance student technology education, skills, innovation, and inclusion. We offer free teaching and learning resources — including curriculum, cloud, software, and more — that help develop key knowledge, hands-on practice, and career-relevant skills.

Join Oracle Academy today and access all the benefits of membership.

Learn more about Oracle Academy Java curriculum at academy.oracle.com/curriculum

