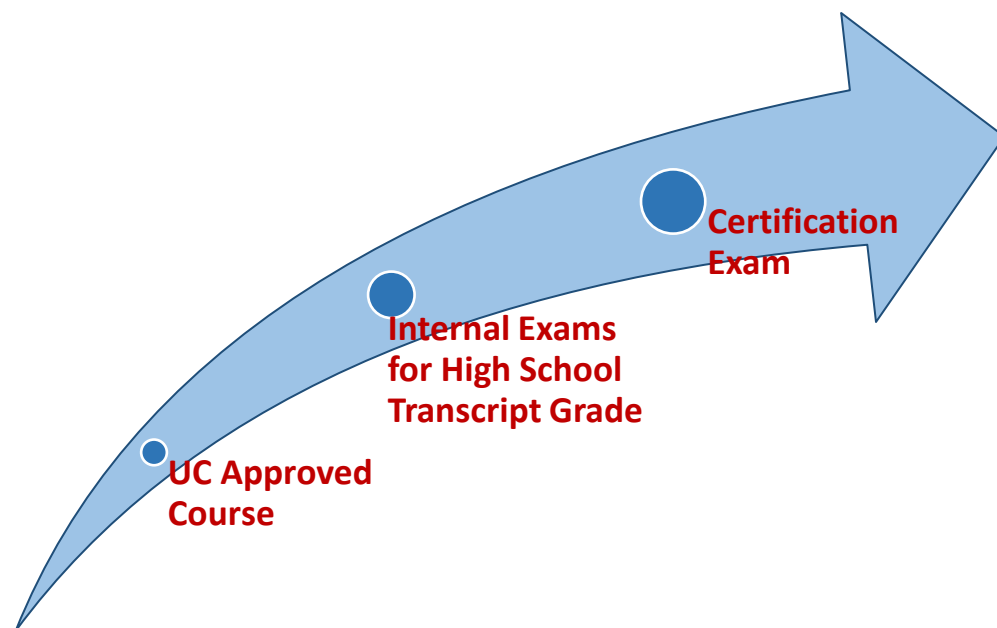
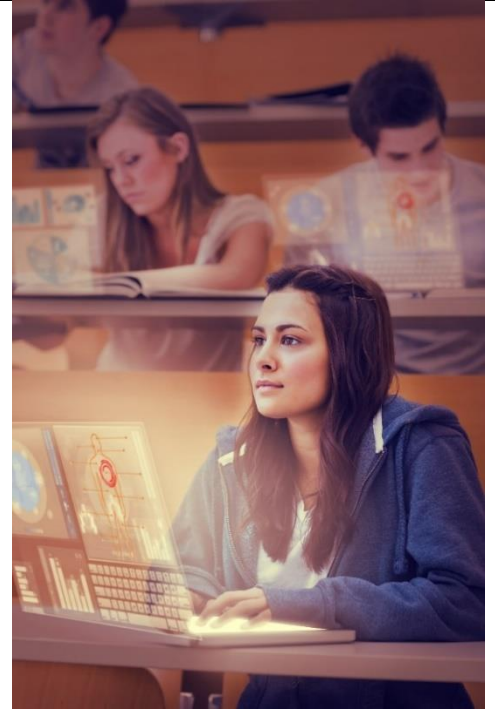


# Java, MTA, and SQL Oracle Database Certification Courses

Students at Legend can now train to become **Java, Microsoft Technology Associate (MTA), and SQL Oracle Database** certified. With any one of these certifications, your student would be equipped with the advanced technological literacy that will be required of them to solve real world problems in the workplace.

Each certification course is UC approved and considered an honors class. Students finish with a course grade that counts towards their GPAs in addition to sitting for the certification exam. Legend seeks to provide these offerings to students as opportunities for differentiation as well as hands-on technical training. Set yourself apart and declare your intentionality towards college AND career readiness with a certification course!



## Legend Technology Certification Courses

### 1. MTA - Introduction to Programming Using Block-based Language

**Course Description:** This course is intended for students new to programming and who would like to understand the principles of programming using an approachable and attractive method involving easy visualization and representation of coding mechanisms. Students will use Scratch in order to solve computational problems, design and develop algorithms, work with data representation, use modeling and simulation, implement solutions by coding various programs, understand the components of internet communication, implement encryption and authentication strategies, and understand and use the software development process in order to plan and develop programming projects. Students who complete this course successfully will have the option of taking the Microsoft Certification Exam 98-380 (MTA - Introduction to Programming using Block-Based Language).

**Certification:** Students who complete this course successfully will have the option of taking the Microsoft Certification Exam 98-380 (MTA - Introduction to Programming using Block-Based Language).

### 2. Java Programmer I Certification

**Course Description:** The Java Programmer I Certification is intended for students who wish to add a career boosting course to their study program. This class covers the basics of Object-Oriented programming using the Java SE programming language. Through a thorough understanding of concepts, as well a series of hands n exercises, students will build a solid foundation of the Java SE language and enhance their professional knowledge. At the completion of this course, students will have the opportunity to take the Oracle Java SE Programmer I certification exam.

**Certification:** At the completion of this course, students will have the opportunity to take the Oracle Java SE Programmer I certification exam.1Z0-808

### 3. Introduction to SQL using Oracle Database

**Course Description:** This class is intended for students who wish to obtain an introduction to the SQL language and to understand simple principles of database management. Students will learn the following SQL concepts: basic concepts of relational database, retrieve rows and columns from tables. create reports of sorted and restricted data, create indexes and constraints, manage and alter existing schema objects, control database access to specific objects, create and query external tables, and control privileges at the object and system level. This course will teach students how to use queries and manipulate data within a database, use dictionary views to retrieve data and create reports about their schema objects. Some of the date-time functions available in the Oracle Database are also covered. Students who complete this course will have the opportunity to take the Oracle Database certification exam 1Z0-061.

**Certification:** Students who complete this course will have the opportunity to take the Oracle Database certification exam 1Z0-061.

Summer Enrollment: <https://legendcp.com/summer>

18-19 Enrollment: <https://legendcp.com/enroll1819>

For questions, contact [office@legendcp.com](mailto:office@legendcp.com) or call (408)865-0366