Hello, and welcome!

Nothing stands on its own. Everything around you has a foundation and a framework to support its structure—from your house to the car you drive. Even your body has a basic underlying frame. Without that support, things fall apart. This idea of structure and framing can be applied to Java Frameworks. In this course, you will explore powerful tools for Java application development. You will gain object-oriented programming expertise. You will also learn to execute exception handling, Java frameworks, and other object-oriented principles and constructs. With a solid framework, there are endless possibilities of what you can build!

We invite you to take a minute to learn about the course by reviewing the information that follows. This way, you will be better able to understand the expectations of the course as a whole. Then you can determine how to manage your time and efforts as you navigate through it.

Please note: Java Fundamentals is a prerequisite to this course.

You are in the right place. You belong here. You can do this!
Course Description and Competencies

What to Expect

In this course, you will gain object-oriented programming expertise. You will explore powerful tools for Java application development. You will learn to execute exception handling, Java frameworks, and other object-oriented principles. And you will learn to develop a complete application including a user interface.

Throughout this course, you will find a variety of interactive elements. These include an interactive textbook, participation activities, and labs. Engaging with these activities reinforces new learning. It also complements the knowledge you bring to this area of study. You will demonstrate your competency through a performance assessment.

This course covers the following competencies:

1. The learner implements user interfaces.
2. The learner implements object-oriented programming frameworks.

You must achieve a ranking of Competent on the assessment to pass the course. You will have three attempts to pass the assessment.

1 final project • 3 competency units

Course Outline

<table>
<thead>
<tr>
<th>Module</th>
<th>Upon completion of this module, you will be able to:</th>
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<tbody>
<tr>
<td>User Interface</td>
<td>A. Implement user interfaces.</td>
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<tr>
<td>Spring Framework</td>
<td>A. Use existing frameworks, assets, and content for object-oriented programming.</td>
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Technology Requirements

We want to be sure you have the tools to succeed! Review the Computer System and Technology Requirements. If you have questions about your setup, contact support@academy.wgu.edu.

Key Contacts

**Your Fellow Learners**

Check out the Course Lobby in the course site! In this online community, you can ask questions and explore ideas. You can connect with your fellow learners. When you use this site, you will realize that other learners may have the same questions you have. You can all benefit from learning together!

**Tutor.com**

If you need academic support, don't hesitate to contact Tutor.com. There, you have access to thousands of tutors. And they are available 24/7 from any internet-ready device. You can also benefit from instructional videos, study tools, and other assistance.

**Technical Support**

If you encounter technical issues, be sure to contact the Help Desk. Just submit a Support Request for assistance.

**Program Support**

Do you have questions about your account? Our Academy Support Team has answers. They can help with billing, switching courses, and other requests. You can contact them at (888) 320-0540 or support@academy.wgu.edu.

Accommodations

WGU Academy provides compliant and accessible learning experiences. If you require accommodation, please contact us at the start of the course. You can email StudentAffairs@academy.wgu.edu or call (888) 320-0540. We are committed to ensuring that all students with disabilities have equal access to WGU Academy's services and materials. We strive to use best practices for accessibility. Our goal is to conform to existing U.S. laws. These include the Americans with Disabilities Act and Section 504 and Section 508 of the Rehabilitation Act. Our learning management system (LMS) platform is Open edX. Open edX’s commitment to accessible content is published on their Website Accessibility Policy.