Overview
Software I builds object-oriented programming expertise and introduces powerful new tools for Java application development. You will learn about and put into action class design, exception handling, and other object-oriented principles and constructs to develop software that meets business requirements. This course requires foundational knowledge of object-oriented programming and the Java language.

Competencies
- **Classes and Interfaces**
  The graduate designs software solutions with appropriate classes, objects, methods, and interfaces to achieve specific goals.
- **Object-Oriented Principles**
  The graduate implements object-oriented design principles (e.g., inheritance, encapsulation, and abstraction) in developing applications for ensuring the application's scalability.
- **Application Development**
  The graduate produces applications using high-level programming language constructs to meet business requirements.
- **Exception Handling**
  The graduate incorporates simple exception handling in application development for improving user experience and application stability.
- **User Interface Development**
  The graduate develops user interfaces to meet project requirements.

Learning
Getting Started
Welcome to Software I! Your competence in this course is assessed through one performance assessment, an original inventory management program you will develop in Java. You will complete your learning in the uCertify platform. This includes readings, videos, and interactive activities. The flashcards and practice tests within uCertify will help you prepare for the Oracle Certified Associate Java SE 8 Programmer exam, if you choose to pursue this additional certification. Use uCertify’s Study Planner to pace your progress through the learning materials within 10 weeks, then focus on finishing your performance assessment.

Assessments
- **Performance Assessment: Software I**
  Status: Not Attempted
  Code: GUP1

Course Information
- WGU Library
- Student Success Center
- Accessibility Policy
- Oracle 1Z0-808 Exam Info (optional)
- Pacing Guide
- Practice Tests
Course Instructor Group
- cmsoftware@wgu.edu

- Announcements
- Course Tips
- Course Search
- Course Chatter