

Advanced Object Oriented Programmin

CIS-249 30 O

Fall Term 2024-2025 School Year Section 30 O 3.00 Credits 08/26/2024 to 12/13/2024
Modified 10/09/2024

Course Description

Provides students with the knowledge necessary to understand, write and debug two and three tier, object-oriented applications using the Java programming language. Topics covered include Object Oriented Application Development (OOAD), UML (Unified Modeling Language), Web server support for Java, Java Beans, Sockets, Ports, and JDBC (Java Database Connectivity). Also covers accessing DBMS (Database Management Systems) using SQL statements imbedded in Java programs and using HTML web pages combined with JSP's (Java Server Pages). A three tier, database driven business application is developed during the course and deployed for use on both a local area network and for use on the Internet.

Prerequisite: CIS 149

Outcomes

Additional Outcomes

Course Materials

Deliverables

Evaluation Procedures and Grading

Additional Items

Course Outline
