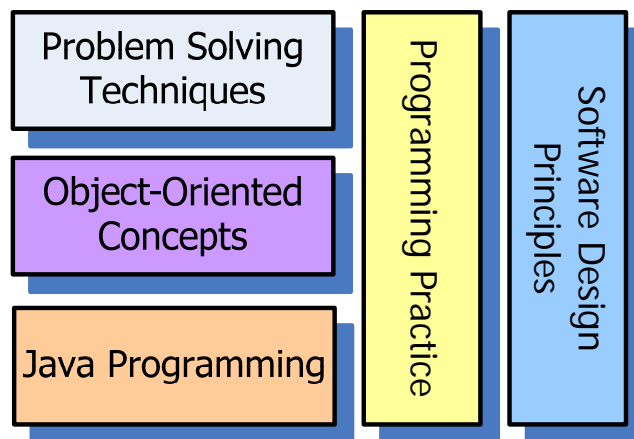


Overview of Object Oriented Application Development

1. Synopsis

This course focuses on fundamental concepts of developing IS system and problem-solving skills. Java programming is taught in depth as an implementation tool to realize solutions. Practices of Object Orientation and Development methodology are also covered throughout the course.



2. Objectives

Upon completion of the course, students will be able to:

- Practice problem solving skills using Java programming language
- Learn and apply basic concepts of Object Orientation
- Apply good programming practices and design concepts to develop software

Good programming practices include:

- a. Iterative design and having a functional build at each iteration
- b. Working in a top-down manner starting from design and avoid the temptation to jump straight into coding
- c. Follow coding convention, proper code indentation etc
- d.

Good design concepts include:

- e. Iterative design and having a functional build at each iteration
- f. Working in a top-down manner starting from design and avoid the temptation to jump straight into coding

3. Prerequisites

- The prerequisite is (IS200) IS Software Foundations. Students who did not do well (C or lower or recommended by instructor) in IS200 should take Java enrichment courses.

[*Click here to view detailed version*](#)