

NEW COURSE OFFERING!

Attn: Computer Science and Informatics Students

Design Patterns in Java

Summer II 2017

CSCI-C 690

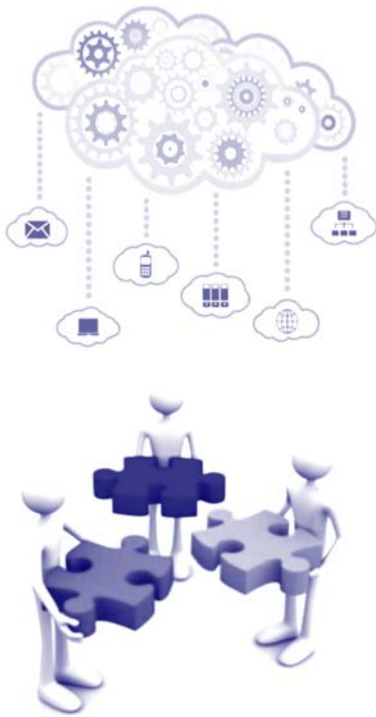
CSCI-C490

INFO-I400

Instructor: Dr. Liguu Yu (ligyu@iusb.edu)

Prereq: CSCI-C243 or INFO-I308 or CSCI-A 594

When: Monday & Wednesday 8:30-11:40pm



Course Objective: This course will introduce Java language and the design patterns implemented with Java. Patterns are generalized solutions to recurring software design problems. Over twenty most commonly used design patterns in software architecture will be discussed. Real world applications, such as Android development, network communication, and cloud computing will be introduced.

Topics: Introduction to programming in Java, Introduction to Object Oriented Design, Introduction to Unified Modeling Language, Behavioral patterns, Structural patterns, Creational patterns, Concurrency patterns, Pattern applications.

Learning Method: Lectures are supported with hands-on lab exercises and homework assignments.

If you are self-motivated, hard-working, and want to learn cutting-edge software development technologies and techniques, this is the right course for you!