# Object-Oriented Programming

\* Paradigm

\* Principles

\* Inheritance

\* Encapsulation and Information Hiding

\* Method Hiding and Overriding

\* Abstraction

\* Data Abstraction

\* Procedural (Process,Control) Abstraction

\* Procedural Abstraction by Parameterization

\* Procedural Abstraction by Specification

\* Polymorphism

\* Ad hoc Polymorphism

\* Overloading Polymorphism

\* Coercion Polymorphism

\* Universal Polymorphism

\* Inclusion Polymorphism

\* Parametric polymorphism

\* Invariant Parametric polymorphism

\* Covariant Parametric polymorphism

\* Contravariant Parametric polymorphism

\* Dispatch

\* Static Dispatch

\* Dynamic Dispatch

\* Single dynamic dispatch

\* Multiple dynamic dispatch