

OO Terminology

Reusability
Abstraction

Class

- Properties/Attributes/Characteristics
- Behavior/Methods/Operations/Services/Responsibility
- Encapsulation
- Information Hiding

Instantiation

Object

- Default Values
- Identity
- Construction/Creation/Derivation
- Destruction/Deletion
- Persistence
- Messages

Class Hierarchy

- Generalization
- Specialization
- Super-Class
- Sub-Class

Inheritance

- Simple
- Multiple

Polymorphism

Specification vs. Implementation

Class Type

- Real World
- Conceptual
- Interface
- Control