## **Development Phase Testing or Verification Activity Source of Test Cases** Finite-State Verification Models Acceptance Testing (Design) Requirements **Specifications** Specification Scenario Design Scenarios System Integration Testing (Design) Subsystem Integration Testing (Design) Design Unit Testing (Design) Code Structure Unit Testing (Design and Execution) Faults or Mutants Implementation Subsystem Integration Testing (Execution) System Integration Testing (Execution) **Exploratory Testing** Acceptance Testing (Execution) Unit Testing (new code) Release, Subsystem Integration Testing (new code) Operation, and System Integration Testing (new code) Maintenance Regression Testing