Implementation and Integration

Cleanroom

The Cleanroom technique combines
- **incremental life-cycle model**
- **formal specification and design**
- **nonexecution-based testing**

A module is not compiled until it has passed an inspection.

Testing Fault Rate: total number of faults detected per KLOC (thousand lines of code), counted from the time of compilatin so that SQA can maintain software quality. The philosophy is early detection of faults helps improve software quality.