What's Next?

(What should you do now that you've been introduced to Software Design?)

- Continue to think about and apply
  - Program design criteria
    - Separation of concerns, design for reuse, design only what is needed
  - Software design criteria
    - Simplicity, coupling, cohesion, information hiding, performance, security
  - Design models
    - UML: Class diagram, statechart, ERD/LDM
    - DFD, IDEF0 Function Model
  - Design within a Software Development Process (SDP)

What's Next?

(What should you do now that you've been introduced to Software Design?)

- Begin to learn/apply advanced design topics
  - Metrics
    - Can we measure the quality of a software design?
    - Are these measures more about program design or software design
  - Patterns
    - Learn and apply GoF patterns
      - These are still the gold standard
  - More on software design
    - Layers of abstraction
      - Architecture
      - Conceptual software design
      - Detailed software design
    - Design within specific types of SDPs