

## CSSE 374 – Software Design

### Learning Outcomes

1. Articulate the design of software using contemporary modeling techniques to reason relevant tradeoffs.
2. Apply object-oriented design principles in the creation of software systems.
3. Identify and apply appropriate object-oriented design patterns to given software problems.
4. Analyze and explain the feasibility and soundness of a software design.
5. Design and develop software systems that are easy to maintain, test, and evolve.
6. Identify and explain architecture design principles in software design.