

# Introducing Formal Methods

CIS 376

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# Adding Formal Methods to a Project

- Remember using formal methods is not an all or nothing process
- The level of rigor used should be tailored to fit the specific project with respect to
  - system criticality level
  - budget
  - schedule
  - technical environments

# Best Use of Formal Methods

- New system components
  - adaptive or corrective maintenance
- Poorly understood requirements
  - perfective maintenance
- Highly critical system components
  - preventative maintenance