

# B.S. in Software Engineering

## Developing an Assessment Plan

David G. Kay  
ICS

# Context

- New B.S. degree in Software Engineering
- First class admitted Fall 2012 (Class of 2016)
- Software engineering was previously one of three tracks in the Informatics major

# Senior Capstone Project

- Software Engineering and Informatics will share the same Senior Design Project course
  - Informatics 191ABC
  - Offered Spring-Fall-Winter each year
  - Projects specified by extramural clients
  - Five-student teams design and build a solution
  - Requires application of (nearly) all student learning outcomes

# Assessment Plan

For each outcome:

“How well did students achieve it?”

- Interview instructors and TAs of capstone course
- Survey external clients

For each outcome: “Rate your ability (then, now)”

- Survey graduating seniors

# Next Steps

- Secure approval of the major's steering committee
- Investigate other software engineering programs' assessment methods as potential enhancements