B.S. in Software Engineering
Developing an Assessment Plan

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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