Bibliography

First-Day Handouts (Marie)

- Forbes and Garcia. But what do the top-rated schools do? SIGCSE 2007, 245-246. (Also see presentation and survey data.)

Course Content: General/Breadth-First (Wesley)

- Rao and Mitra. Early software engineering approach to teaching CS1, CS2, and AI. In SIGCSE, page 143-147, 2008.

Course Content: Objects-First/Languages (David Riley: slides)

- Bruce. Controversy on how to teach computer science: a discussion on the SIGCSE-members mailing list.
- Sanders and Langford. Students' Perceptions of Python as a First Programming Language at Wits. In ITiCSE'08, page 365, 2008.

Labs/Pairs Programming/TAs (Don)

- Ragonis and Hazzan. Tutoring model for promoting teaching skills of computer science prospective teachers. In ITiCSE '08, pages 278-280, 2008.

Debugging/Program Testing (Will)

- Norris et al. ClockIt: Collecting quantitative data on how beginning software developers really work. In ITiCSE'08, pages 37–41, 2008.

Assignments/In-Class (James)

- Brostler et al. Evaluating OO example programs for CS1. In ITiCSE'08, pages 47-51
- Eagle and Barnes. Wu's castle: teaching arrays and loops in a game. In ITiCSE'08, pages 245-249
- Nick Parlante. Nifty assignments. In SIGCSE, pages 133-137, 2008. - Check previous years of "Nifty Assignments" as well

Assessment/Grading (Travis)

Student Retention and Success (Patti)

• Lewis, C. Attitudes and beliefs about computer science among students and faculty. SIGCSE Bulletin, 39(2):37-41, June 2007.
• Saeed Dehnadi and Richard Bornat. The camel has two humps, Draft paper, 2006.

Tools and Resources (David W)

• More Goldwasser publications.
• Jin. Pre-programming analysis tutors help students learn basic programming concepts. In SIGCSE, pages 276-280, 2008. Form
• See also: Resources