Production Programming
COMP 402
(MWF 2 pm)

You can take COMP 402 for your Bachelor of Science cap design component!

Gain experience improving a large production-quality application, with thousands of users and 250,000 lines of code!

Cutting-Edge Programming Technology
- Generics
- Cross-platform development
- How to write good unit tests
- Code coverage tools
- Build management
- Source revision control

Concurrent Programming in Practice
- Threads, event handling
- Deadlock, livelock, race conditions

Production Programming Using eXtreme Programming (XP)
- Incremental, test-driven program development
- Pair programming
- Group ownership of code

Review of OO Design Principles
- Design patterns and refactoring

Please contact Mathias Ricken (DH 3107, mgricken@rice.edu) http://www.cs.rice.edu/~mgricken/teaching/402/