

Fall 2011 Course  
Announcement

CS 39000 CPO

# Competitive Programming

Learn new algorithms

Weekly practice sessions

Hone your coding skills

Compete at the ACM regional contest

*First offered in fall 2009, the course evolves each year based on student feedback: Wider variety of programming problems (easier and harder), more fundamental practice, and a simulation-style competition.*

## **Catalog Description**

Development of strategies, techniques, and skills used in competitive programming contests. Topics include problem solving and programming techniques and algorithms. Course format consists of a weekly three hour meeting, which includes lecture (30 minutes), programming practice (two hours), and discussion (30 minutes).

Prerequisite: CS 25100 (Data Structures). Credit: 1 hour.

**Text:** *Programming Challenges* by Skiena and Revilla

**Instructor:** Dr. Tim Korb

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