CS3149 - Competitive Learning in Computer Science

[CS 3149](#) Competitive Learning in Computer Science (1 semester hour) In this course, students will work together in small teams to solve graduated problems, similar to those used in programming contests around the world. Approaches to categorizing problems and selecting appropriate data structures and algorithms will be covered, along with types of algorithms for solving problems (brute force, greedy, divide and conquer, dynamic programming). Students will do problem solving in a competitive environment against the clock. May be repeated for credit (3 hours maximum). Prerequisites: ([CE 2336](#) or [CS 2336](#) or [TE 2336](#)) and [CS 3305](#). (1-0) Y