1056-05-795 Sarah K Merz* (smerz@pacific.edu), Department of Mathematics, University of the Pacific, Stockton, CA 95211, and Kim A.S. Factor. The (1,2)-step competition graph of a tournament. The competition graph of a digraph, introduced by Cohen in 1968, has been extensively studied. More recently, in 2000, Cho, Kim, and Nam defined the *m*-step competition graph. In this talk, we offer another generalization of the competition graph. We define the (1,2)-step competition graph of a digraph D, denoted $C_{1,2}(D)$, as the graph on V(D) where $\{x,y\} \in E(C_{1,2}D)$ if and only if there exists a vertex $z \neq x, y$, such that either $dist_{D-y}(x,z) = 1$ and $dist_{D-x}(y,z) \leq 2$ or $dist_{D-x}(y,z) = 1$ and $dist_{D-y}(x,z) \leq 2$. In this talk, we characterize the (1,2)-step competition graph of tournaments and extend our results to the (i, j)-step competition graph of a tournament. (Received September 17, 2009)