

1077-G1-2685 **Chuck Wessell*** (cwessell@gettysburg.edu), PA. *Using Sports Ranking in a Numerical Linear Algebra Course.*

In the spring of 2011, an undergraduate special topics course, The Mathematics of Ranking and Clustering, was offered for the first time at North Carolina State University. Although the course was a great success, the professor learned many lessons while confronting the challenge of presenting this material to an audience with a wide range of linear algebra and programming abilities. This talk will focus on the sports ranking part of the course and recount those lessons learned. The author will also share a suggested syllabus, classroom activities, project assignments, and strategies for recruiting students (including non-math majors). (Received September 22, 2011)