Since no two students are the same, it seems unlikely that having an identical division of the weights of the various components of the final grade (exams, homework, etc.) for all students in a class is the best option. For the past two semesters, I have implemented a grading scheme customized to each student; each student fills out a grade sheet choosing their weights for each component of the course within given ranges. In this talk, I will discuss the nuts and bolts of this method as well as its advantages and student response. (Received September 15, 2014)