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Thomas Gilsdorf* (gilsd1te@cmich.edu), Department of Mathematics, Central Michigan University, Mount Pleasant, MI 48859. *Teaching ethnomathematics courses to a variety of student audiences.*

In this talk, I will discuss observations I have made regarding the teaching of courses in ethnomathematics in a variety of settings. The observations come from my experiences teaching an ethnomathematics course to the following: mathematics and science majors, mathematics education majors, honors students, students at a foreign university. In some instances, graduate students have also enrolled in the course, leading to some other implications. Observations will include different formats and grading policies that I have used and students' perceptions of the course. Not surprisingly, students of these different types of backgrounds perceive the course and the content of the course in distinct ways. I will discuss some of those perceptions as well as positive and negative experiences I have had with teaching to different student audiences. In addition, I will discuss how an instructor could incorporate undergraduate research in ethnomathematics into ethnomathematics and mathematics courses. (Received June 26, 2018)