

962-I1-206

Dale K. Hathaway* (hathaway@olivet.edu). *The Senior Seminar in Mathematics.*

The successes and failures of a one credit hour required seminar for senior math majors will be discussed. The course, which has been in existence for 8 years, is team taught and has four key assignments. First the students must put together a resume packet in preparation for their graduating. This helps them see where they have been and where they hope to go. They must read and report on an approved article. A list of approved articles is made available to the students, though they may also choose one themselves with faculty approval. They must have a poster in the Natural Science Homecoming poster competition, typically either on the article they read or on their project topic. Finally they must present to the class a high quality project of their own work. The projects must be approved by the faculty and often are extensions of an earlier seminar topic or the article they read. The first three quarters of the course consists of seminar talks given by the faculty on various topics while the last few weeks contain the presentations of the student's work. (Received August 28, 2000)