962-I1-182 Betty Mayfield* (mayfield@hood.edu), Dept. of Mathematics and Computer Science, Hood College, 401 Rosemont Ave., Frederick, MD 21701-8575. A History of Math Course as a Senior Seminar.

The senior seminar in mathematics at Hood College is a course in the history of mathematics. Required of all math majors, it serves as a capstone course, bringing together students who have been pursuing different tracks in the major and looking at the Big Picture at last. It is a student-led seminar, with students gaining practice in oral presentation, preparing visual aids, and planning a class. Students also complete projects, both individually and in groups, and gain library research experience. We use films, the Internet, and journal articles, as well as books, to learn about the history of mathematics. At the end of the course, we celebrate Math Awareness Month by sharing what we have learned with the rest of the campus. (Received August 23, 2000)