

1096-K1-1932      **Dorothee Jane Blum\*** ([dorothee.blum@millersville.edu](mailto:dorothee.blum@millersville.edu)), Department of Mathematics, P. O. Box 1002, Millersville University, Millersville, PA 17551-0302. *Bringing together "older" and "newer" mathematics.*

The History of Mathematics course at Millersville University is designated as a "perspectives" (P) course and as such it is only allowed to have one mathematics prerequisite. The most useful choice was Calculus I. Also specific objectives must be addressed by every P course. At Millersville, all students must satisfy the "perspectives" requirement as part of the general education program and every semester about 30 students in a variety of majors with varying backgrounds in mathematics choose to do this by taking History of Mathematics. Having taught this course for more than ten years to this broad audience, I have developed a specific theme that helps me organize the ideas I hope students will take with them from this course as part of their general education. The overall theme is linear, but for many topics, especially those that are encountered early in the course, we explore how later mathematicians studied these same topics, expanding on them and often solving previously unsolved problems. This brings together the "old" and the "new" and emphasizes the growth of mathematics, the inquisitiveness of mathematicians, the persistence of mathematicians, and sometimes even the relevance of mathematics. (Received September 16, 2013)