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Hisa Tsutsui* (Hisaya.Tsutsui@erau.edu), College Of Arts and Sciences, ERAU, 3700 Willow Creek Road, Prescott, AZ 86301-3720. *Extra math courses for students - a mathematics placement coordinator's point of view.*

Most science track students in the United States are required to take at least a semester of a calculus course in their university. It is also the case that many such students take a calculus course in high school. However, most universities do not allow students to bypass their first semester calculus course unless they have a sufficient AP calculus score. Further, students are often advised to start with a precalculus course or below if the result of the university's placement procedure indicates that they do not have a strong enough background. Are those conservative placement approaches necessary? What if many of those students are actually capable of starting with the second semester calculus course or beyond and successfully pass the course? Will they consider to take more advanced but not required math courses using the space opened by the exempted beginning calculus course or two? In this talk I will discuss about a possible strategy that might increase the number of students who continue on to additional advanced mathematics courses by reconsidering a typical students' placement to their first math course. (Received September 29, 2005)