

ZMATH 2014b.00140

Bressoud, David M.; Carlson, Marilyn P.; Mesa, Vilma; Rasmussen, Chris

The calculus student: insights from the Mathematical Association of America national study.

Int. J. Math. Educ. Sci. Technol. 44, No. 5, 685-698 (2013).

Summary: In fall 2010, the Mathematical Association of America undertook the first large-scale study of postsecondary Calculus I instruction in the United States, employing multiple instruments. This report describes this study, the background of the students who take calculus and changes from the start to the end of the course in student attitudes towards mathematics and intention to continue in mathematics.

Classification: C25 C65

Keywords: calculus; survey; student demographics; student attitudes; student expectations

doi:10.1080/0020739X.2013.798874