Mark L. Daniels* (mdaniels@math.utexas.edu), Mathematics Department, 2515 Speedway Stop C1200, Austin, TX 78712. Creating a Dual-Credit/Dual Enrollment ”OnRamps” Precalculus Course to Enhance the College Readiness of High School and Community College Students. Preliminary report.

The creation of a dual credit or dual enrollment ”OnRamps” Precalculus course for High School or Community College students is discussed. Such a course is intended primarily to enhance the calculus and college-readiness of high school students. The course stresses ”college level thinking” and is designed to be taught in a discovery way using inquiry-based teaching methods. An online component that accompanies the course will also be detailed. (Received June 13, 2013)