Course Number MTH-437-01 **Course Description** A second course in real analysis. Topics may include the construction of Lebesgue measure and the Lebesgue integral, limit theorems and Fubini's theorem, differentiation in several variables and the inverse and implicit function theorems, and convergence of series of functions. Academic Term 22/SP Instructor Jauregui, Jeffrey Location & Meeting Time Bailey Hall-100+ M/W/F 10:30AM-11:35AM LEC Credits 1.00 Capacity 18 **Total Students** 5 Academic Department Mathematics Field Of Study Mathematics (MTH)