Coming in SPRING 2016:
MATH 440
Time Travel

This course will discuss the nature of time in light of 21st century mathematical physics. The primary part of the course will be devoted to the question of whether time travel is possible, and to the work which has been done on this topic in the last 20 years by such noted mathematical physicists as Kip Thorne and Stephen Hawking. This topic will be explored through scientific lectures and readings, discussion and readings of science fiction stories and videos related to time travel. The basics of Einstein’s special theory of relativity will be quantitatively discussed, using basic mathematics.

Instructor: Prof. Thomas Roman; limited to 15 students
Course Times: T&TH 4:30 - 5:45
Prerequisites: MATH 218 or PHYS 125 or permission of instructor. May be used for graduate credit.