

**M392C (SPIN GEOMETRY), #54485  
FALL 2016**

**Instructor**

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Office hours: By appointment

**Class times**

The class meets Tuesdays and Thursdays 2:00pm-3:30pm in RLM 12.166

**Course webpage**

<http://www.ma.utexas.edu/users/ekorman/teaching/spingeometry/>

**Text**

There is no text but notes and useful references will be provided on the course website.

**Course topics**

This is a course in spin geometry. We will cover the basics of Clifford modules, Dirac operators, the statement and applications of the index theorem, relationship to  $K$ -theory, spin geometry of manifolds with boundary, determinant line bundles, and applications.

**Documented Disability Statement**

Any student with a documented disability who requires academic accommodations should contact Services for Students with Disabilities (SSD) at (512) 471-6259 (voice) or 1-866-329-3986 (video phone). Faculty are not required to provide accommodations without an official accommodation letter from SSD. See SSD's website for more disability-related information: <http://ddce.utexas.edu/disability/>.