



WISCONSIN

UNIVERSITY OF WISCONSIN-MADISON

University of Wisconsin - Madison
College of Engineering [EGR]
Last Offered: 2012 Fall [1132]
Direct Link to this Syllabus :

<http://aefis.engr.wisc.edu/index.cfm/page/CourseAdmin.ViewABET?coursecatalogid=350&pdf=True>

1. **M E 722, Introduction to Polymer Rheology**
 2. **Credits : 3 Contact Hours :**
 3. **Textbook and Materials :**
 4. **Specific Course Information :**
 - a. **Brief description of the content of the course (Course Catalog Description) :** Formulation of constitutive equations using embedded base vectors. Viscosity, normal stress differences, stress relaxation, elastic recoil. Polymer rheology; homogeneous strain history.
 - b. **Pre-requisites or Co-requisites :** Math 320 or cons inst
- **Specific Goals for the Course :**
 - a. **Course Outcomes :**
 - b. **ABET Student Learning Outcomes :**