

# MATH 407, SPRING 2009, INFORMATION

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**URL** <http://www.math.tamu.edu/~rsmith/spring09/math407/homepage.html>  
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**CLASS TIME** MWF 11:30–12:20, Blocker 164

**OFFICE HOURS** MWF 12:35–1:35, or by appointment.

**PREREQUISITES** Math 221 or equivalent.

**GRADING** Your grade will be determined by 2 hour exams, 100 pts each, homework grade 100 pts and final 150 pts.

**MAKE-UPS** These will only be given in cases authorized under *TAMU* Regulations. If you miss an exam you must contact me *immediately*.

**SCHOLASTIC DISHONESTY** Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty, see *University Student Rules*.

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**SPECIAL SERVICES** Students with disabilities can get assistance from the Office of Services for Students with Disabilities (845-1637).

**COURSE DESCRIPTION** Fundamental theory of analytic functions, including residues and their applications.

**SYLLABUS** We will be using Dr. Sivakumar's lecture notes entitled *Branches, contours and beyond: the rudiments of function theory*, and I plan to cover all or most of it.

**BOOK** In addition to the lecture notes above, we will use *Complex Variables* by Murray Spiegel in the *Schaum's Outlines Series*.

**HOMEWORK** Homework will be assigned and collected on Fridays.