MATH 407, FALL 2006, INFORMATION

INSTRUCTOR Dr. Roger Smith

OFFICE Milner 315

PHONE 845-2129

E-MAIL rsmith@math.tamu.edu

URL http://www.math.tamu.edu/~rsmith/fall06/math407/homepage.html

CLASS TIME TTh 8–9:15, Blocker 156

OFFICE HOURS Tuesdays and Thursdays 1–2, 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*.

BOOK  Homework will be assigned and collected on Thursdays.