Math 6283 - Several Complex Variables

http://www.math.okstate.edu/~lebl/scv-s16/

Lecture: MWF 2:30-3:20 in MSCS 428

Problem session: F 1:30-2:20 in MSCS 428

Lecture Notes:

The textbook is my notes from last time, which are conveniently formatted to pretend being a book. I will possibly be updating them and fixing any errors which we will find, and possibly adding new material if necessary. If you're printing them out, probably best to print out only the relevant bits, that is, start at the beginning. Then if/when things get updated you won't have to reprint.

Website for the lecture notes / book

Lecture notes / book as PDF

Grading policy:

Grade is "for participation". Homework will be assigned and we will work on it in the problem session together. There will be no exams.

Homework:

TBA

Useful Books for Reference:

1. Albert Boggess, *CR manifolds and the tangential Cauchy-Riemann complex*, CRC Press, 1991, MR1211412.
2. John P. D'Angelo, *Several complex variables and the geometry of real hypersurfaces*, CRC Press, 1993, MR1224231.
3. Robert C. Gunning and Hugo Rossi, *Analytic functions of several complex variables*, Prentice-Hall Inc., 1965, MR0180696.
4. Lars Hörmander, *An introduction to complex analysis in several variables*, North-Holland Publishing Co., 1990, MR1045639.
5. Steven G. Krantz, *Function theory of several complex variables, Wadsworth & Brooks/Cole Advanced Books & Software, 1992, MR1162310.*
6. *Walter Rudin, Function theory in the unit ball of* $\boldsymbol{C}^n$*, Springer-Verlag, 1980, MR601594.*

7. *Hassler Whitney, Complex analytic varieties, Addison-Wesley Publishing Co., 1972, MR0387634.*