Math 312 (Complex Analysis) – Week 1
Spring Term 2004
BUCKMIRE

Wednesday January 21 Class 1:

The Algebra of Complex Numbers. Addition, Subtraction, Multiplication, Division.
Reading:
Saff & Snider, (Section 1.1)

Homework: (due Friday January 23)
Saff & Snider, Section 1.1 # 1, 4, 5, 7, 11, 16, Extra Credit: 21

Friday January 23 Class 2:

Graphical Representation of Complex Numbers. Introduction of the Argand diagram, complex conjugate and modulus (absolute value).
Reading:
Saff & Snider, (Section 1.2)

Homework: (due Friday January 30)
Saff & Snider, Section 1.2 # 3, 4, 6, 8, 10, 14 Extra Credit: #19