

Math 312 (Complex Analysis) – Week 8
Spring Term 2004
BUCKMIRE

Monday March 8 *Class 19:*

Introduction to Complex Integration. We will introduce the concept of contours, and smooth and closed curves. We'll integrate complex valued functions of a **real** variable.

Reading:

Saff & Snider, (Section 4.1)

Wednesday March 10 *Class 20:*

Contour Integrals. We will learn how to integrate complex functions of a complex variable (on contours).

Reading:

Saff & Snider, (Section 4.2)

Friday March 12 *Class 21:*

More Contour Integration. We shall grow more familiar with Contour Integration by doing more examples and summarizing some applicable useful theorems.

Reading:

Saff & Snider, (Section 4.2)

Homework:)

Quiz #7 DUE MON MAR 22