

Math 118 – Week 2
Fall Term 2003

Wednesday September 1 *Class 2:*

We will continue our discussion of the S-I-R model.

Reading:

CiC, p. 10-16

Homework #2 (4 points):

CiC, p 20-21, # 20, 21

Due: Class 3 (Friday September 5)

Review your rules of differentiation and integration in preparation for gateway tests on derivatives and anti-derivatives that will be given in Lab 1 on Thursday September 4.

Thursday September 4 Lab 1:

Gateway test on differentiation (30 minutes).

Gateway test on techniques of integration (40 minutes).

Friday September 6 *Class 3:*

We will discuss the population model from homework, using it to develop the idea of Euler's method which approximates the solution to an initial value problem (IVP).

Reading:

CiC, p. 9-16

Homework:

QUIZ #1: Initial Value Problems and Euler's Method

Due: Class 4 (Monday September 8)