# MAT 101 — Introduction to Computer Programming (C++)

Handout #19, April 14, 2005

Today's tasks:

1. Collect Homework

2. Review Factorial Problem

3. Classwork:

   (a) Practicing Recursion (pseudocode for Fibonacci (p581 pr1)

   (b) Programming with Recursion (factorial and fibonacci)

4. hw9, hw9.cpp - Use your definition of factorial to implement pr2 on page 581. This solves the "choose" problem known to us in mathematics. For extra credit, find a recursive definition for choose itself (without using the factorial function definition). Due April 21, 2005.

5. Chapter 6 – Reading for Tuesday (probable quiz) p224–253