OOP244 Lesson Outline: Week 5 Dr. Peter Liu

A. Concepts

1. Classes and Resources

- use of dynamic memory allocation

2. Member-wise (Shallow) Copying

3. Proper (Deep) Copying

4. the copy assignment operator (=)

5. the copy constructor

B. Code Examples (matrix server)

employee.cpp, employee\_proper.cpp,

BUG\_employee\_mcopy.cpp, BUG2\_employee\_mcopy.cpp

Linux command: **cp /home/peter.liu/OOP244F19/\*.\* .**

D. Video Recording of the Lecture Hours (available on Blackboard)

<https://help.blackboard.com/Collaborate/Ultra/Participant/Recordings#how-do-i-find-the-recordings_OTP-0>

E. Course Notes

<https://ict.senecacollege.ca/~oop244/pages/content/deepc.html>