OOP244 Lesson Outline: Week 4 Dr. Peter Liu

A. Concepts

1. destructor

2. the current object and the this pointer

3. operator overload: member operators/member functions

4. operator overloading: helper functions/global functions

5. the friend of a C++ class

B. Video Clips

Part 1: Member Operator [15 minutes]

Part 2: Helper Operator [ 7 minutes]

<https://ict.senecacollege.ca/~peter.liu/onlineF2020/oop244/OOP244_Member_Operator.mp4>

<https://ict.senecacollege.ca/~peter.liu/onlineF2020/oop244/OOP244_Helper_Operator.mp4>

C. Code Examples (matrix server)

student\_currentobject\_f20.cpp, student\_destructor\_w19.cpp, student\_operators\_f20.cpp,

student\_helper\_operator\_f20.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/ctors.html>

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

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

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