OOP244 Lesson Outline: Week 4 Dr. Peter Liu

A. Concepts

1. the destructor

2. the current object and the **this** pointer

3. operator overloading: member operators/member functions

4. operator overloading: helper functions/global functions

5. the *friend* of a C++ class

B. Code Examples (Blackboard)

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

student\_operators\_f20.cpp, student\_helper\_operator\_f20.cpp

C. Video Recording of the Lecture (BBB)

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

D. Video Clips

Part 1: Member Operators [15 minutes]

Part 2: Helper Operators [ 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>

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>