OOP244 Lesson Outline: Week 7 Dr. Peter Liu

A. Concepts

1. Overload the ostream insertion operator and istream extraction operator.

2. C++ Input/Output Classes (InputOutput.docx).

3. String Input: cin.getline( )

4. Date Type Validation: cin.ignore(), cin.clear(), cin.fail(), the states of cin

B. Code Examples (Blackboard)

IO\_Operators\_Code: StudentIO.h, StudentIO.cpp, studentio\_f20.cpp

IO\_CodeExamples.zip

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

<https://ict.senecacollege.ca/~peter.liu/onlineS2020/InputOutputClasses/IO_Part1.mp4>

<https://ict.senecacollege.ca/~peter.liu/onlineS2020/InputOutputClasses/IO_Part2.mp4>

<https://ict.senecacollege.ca/~peter.liu/onlineS2020/InputOutputClasses/IO_Part3.mp4>

E. Course Notes

Input and Output Operators

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

Input and Output Refinements

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