

Library Gradesheet, Advanced C++

#	Points Possible	Points Rec'd	Section
1.	5		Program compiles successfully.
2.	5		Program runs correctly as specified in the requirements.
3.	4		Film, video, book, and periodical are classes ultimately derived from the same base class.
4.	5		The different media types don't read from files and don't manage their own list.
5.	5		Test program can initialize card catalog and ask user for one of four searches to perform.
6.	4		Card catalog can perform four different searches.
7.	5		Card catalog returns list of items found in search.
8.	5		Test program prints list of matches returned by card catalog.
9.	5		Card catalog either has or communicates with a list.
10.	5		Items are read from files only once at program start up.
11.	5		Items are successfully read from file.
12.	4		Items read from file are placed in list.
13.	4		Code is appropriately broken into .cpp and .h files. (coding standard #7)
14.	5		Memory allocated with new is properly released with delete (coding standard #6).
15.	3		Constructors are used (coding standard #1)
16.	4		Opened files are explicitly closed (coding standard #10).
17.	7		Polymorphism is properly used in searching and printing algorithms.
18.	6		Proper encapsulation and abstraction.
19.	7		Constants: used properly for function arguments, return types, and member functions
20.	7		References and pointers: used properly for function arguments and return types.
Total	100		