## Rubric for the Final Exam/Project

## Design Phase

Excellent	Good	Fair	Poor
Clear UML	One or more of	Missing one or	Missing most of
diagrams.	the UML diagrams	more of the UML	the UML diagrams
	has missing parts	diagrams	
Chose one or	Chose one or	Chose one or	Did not pick one of
more of the	more of the	more of the	the possible
possible outlines	possible outlines	possible outlines	outlines
Created the	Missing one of the	Missing one of the	Did not include
correct number of	necessary classes	necessary classes	the necessary
classes			classes with the
			chosen outline
Wrote a spec that	Wrote a spec that	Wrote a spec that	Spec had a lot of
was extensive and	was good but not	was short and did	missing parts and
worthy of this	extensive and	not explain well	was very short
class	worthy of this		
	class		

## Implementation Phase (Video option)

Excellent	Good	Fair	Poor
Video was 10-15	Video was either too	Video was either too	Video was either too
minutes long	short or too long	short or too long	short or too long
Uses flowcharting to	Uses flowcharting to	Uses some flowcharting	No flowcharting
show how the program	show how the program	but parts are missing	included
will run	will run		
UML diagrams were	UML diagrams were	UML diagrams were	UML diagrams were not
displayed and discussed	displayed and discussed	partially displayed and	displayed and discussed
as well as how the		discussed	
classes interact			
Discussed how the code	Discussed how the code	Discussed how the code	No discussion on how
would be designed and	would be designed but	would be designed but	the code was designed
tips on how the code	no tips	no tips	
could be created			
cleverly			
Closed captions- correct	Closed captions- correct	Closed captions- not	Closed captions- not
		fixed	fixed

## Implementation Phase (Code option)

Excellent	Good	Fair	Poor
A working solution that	A working solution that	A working solution that	A solution that has
is free from syntax	has few logical errors	has many logical errors	syntax errors in it and
errors and logical errors			will not run
The code follows the	The code follows the	The code follows some	The code follows some
best practices and style	best practices and style	of the best practices	of the best practices
rules learned in this	rules learned in this	and style rules learned	and style rules learned
class	class	in this class	in this class
All points of the spec	All points of the spec	Some of the points of	Many of the points of
are coded	are coded	the spec are coded	the spec are missing
Classes have all the	Classes have most of	Classes have only some	Classes are missing
extra parts like multiple	the extra parts like	of the extra parts like	parts that are not
constructors, accessors,	multiple constructors,	multiple constructors,	needed for this
mutators, toString,	accessors, mutators,	accessors, mutators,	particular solution.
clones for deep copies,	toString, clones for	toString, clones for	
whether they are used	deep copies, whether	deep copies, whether	
or not in the solution.	they are used or not in	they are used or not in	
	the solution.	the solution.	
Output is included in	Output is included in	Output is included in	Output is missing from
the submission	the submission	the submission	the submission
Code is commented	Code is commented	Code is commented	Code is not fully
properly	properly	properly	commented properly