

# Rubric - Unit Seven Project Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

## The Student can create a class and an instance (7.01, 7.02) | 3 | 2 | 1 | 0 | Points | |:-:|:-:|:-:|:-:|:-:| | Student creates classes correctly| Student usually creates classes correctly| Student attempts to create classes| No evidence that the student can create classes | 3 | | Student correctly creates instances of a class| Student usually creates and instance of a class correctly| Student attempts to create a class| No evidence that the student can create a instance of a class|3 | | Student instantiates a class with arguments |\_\_| Student attempts to instantiate a class with arguments| No evidence the student can instantiate a class with arguments|3 |Student always adds attributes to an instance correctly | Student usually adds attributes to an instance correctly| Student attempts to add attributes to an instance| No evidence the student can add attributes to an instance|2| |||\*\*Sub Total\*\*|| ## The student can create methods for classes | 3 | 2 | 1 | 0 | Points | |:-:|:-:|:-:|:-:|:-:| | Student always uses the `self` argument correctly| Student usually uses the `self` argument correctly| Student attempts to use the `self` argument| There is no evidence Student can use the `self` argument|3| |Student correctly uses the `\_\_str\_\_` method||Student attempts to use the `\_\_str\_\_` method| No evidence Student can use the `\_\_str\_\_` method|0| |||\*\*Sub Total\*\*|| ## The student can correctly use inheritance | 3 | 2 | 1 | 0 | Points | |:-:|:-:|:-:|:-:|:-:| | Student uses inheritance correctly | \_\_| Student attempts to use inheritance| No evidence that the student can use inheritance correctly|3| |||\*\*Sub Total\*\*|| ## Student can decompose a problem to create a program from a brief | 3 | 2 | 1 | 0 | Points | |:-:|:-:|:-:|:-:|:-:| | Student program runs without error | The students program has a few errors, but it does not impact the program's functionality | Student program has errors that impact the program's functionality | Student program is not functional | 2 | | \_\_ | Students submitted documentation showing planning for most variables and functions.| Students submitted documentation showing planning for a few variables and functions.| No evidence of planning|2| |||\*\*Sub Total\*\*|| ## Student uses naming/ syntax conventions and comments to increase readability | 2 | 1 | 0 | Points | |:-:|:-:|:-:|:-:|:-:| | Syntax conventions are generally used | Sometimes syntax conventions are used| No evidence of syntax conventions to aid in code readability|2| | All variables have clear names| Some variables have clear names| No evidence of using variable names to aid in code read ability|2| |\_\_| Student comments aid code readability| No evidence of using comments to aid in code readability.|1| |||\*\*Sub Total\*\*|| ## Final Grade | Points Possible | Points Earned x Weight | total Points | |:-:|:-:|:-:|:-:| 28 | X ||