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 ||