# 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 |  |
| 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 |  |
| Student instantiates a class with arguments | \_\_ | Student attempts to instantiate a class with arguments | No evidence the student can instantiate a class with arguments |  |
| 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 |  |
|  |  |  | **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 |  |
| Student correctly uses the \_\_str\_\_ method |  | Student attempts to use the \_\_str\_\_ method | No evidence Student can use the \_\_str\_\_ method |  |
|  |  |  | **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 |  |
|  |  |  | **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 |  |
| \_\_ | 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 |  |
|  |  |  | **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 |  |
| All variables have clear names | Some variables have clear names | No evidence of using variable names to aid in code read ability |  |
| \_\_ | Student comments aid code readability | No evidence of using comments to aid in code readability. |  |
|  |  | **Sub Total** |  |

## Final Grade

|  |  |  |
| --- | --- | --- |
| Points Possible | Points Earned x Weight | total Points |
| 28 | \_\_\_ X \_\_\_\_ |  |