CIS 206 – WINTER 2018
Cover page for “Modular Arithmetic” program (due 23 March 2018)

___ Explain to the TA how you parse each line of the input. (2 points)
___ Explain to the TA how you convert each character to its numeric code. (2 points)
___ Explain to the TA how you apply the Caesar Cipher strategy to the number. (3 points)
___ Explain to the TA how you use modulo (or something similar) to keep the numbers in the correct range. (3 points)
___ Show the TA how you convert the numbers back to characters. (2 points)
___ Show the TA how you deal with spaces in the text. (2 points)
___ For Part 1, your program produces the correct output for at least 4 of the inputs. (4 points)
___ For Part 2, your program produces the correct output for at least 4 of the inputs. (4 points)
___ For Part 3, show the TA how you cycle through each of the 26 keys. (4 points)
___ For Part 3, one of the outputs is the correct decoding. (4 points)
___ Each major section of the program is commented. (2 points)
___ Source code is neatly and consistently indented. (2 points)
___ Show the TA that you uploaded your source code to Canvas. (1 point)

POINTS EARNED: __________
POINTS POSSIBLE: 35

T.A. Name ________________________________

T.A. Signature ________________________________
(T.A. will not sign until you sign below!)

I certify that I completed this assignment on the date above. I also certify that I did all my own work. I did not copy someone else’s code, including off the Internet. I know what each line of code does, and I can reproduce it in a test situation.

Student’s signature ________________________________