CS 490R – SPRING 2017
Cover page for “Parallel Coordinates 2” assignment (due 4 May 2017)

Part 1: Explain to the TA how you calculate the distance between the mouse cursor and the line segments. (3 points)
Part 1: Explain to the TA how you decide which polyline to highlight. (3 points)
Part 1: Explain to the TA how you get the text for the tooltip. (3 points)
Part 1: Show the TA how you make the selected polyline thicker than the others. (3 points)
Part 2: Show the TA how you compute the rectangle dimensions. (3 points)
Part 2: Explain to the TA how you determine which "paths" are inside the rectangle. (3 points)
Part 2: Paths inside the rectangle change color interactively as the user drags the rectangle. (3 points)
Part 2: When the user lets go of the rectangle, all other paths either disappear or become very faint. (3 points)
Part 2: The user can filter the results with multiple rectangles. (3 points)
Part 2: A menu option restores the display to its default state. (3 points)
Your program has no obvious bugs or quirks. (5 points)
Your source code is neatly and consistently indented. (2 points)
Each major section of your code includes explanatory comments. (2 points)
Show the T.A. that you uploaded your source code to Canvas. (1 point)
Did you do the EXTRA CREDIT? (2 – 5 points)

POINTS EARNED: __________
POINTS POSSIBLE: 40

T.A. Name

T.A. Signature
(T.A. will not sign until you put your name/date above!)

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