Name:

Load this document into Microsoft Word and edit it. When you are finished, deposit your document in the quizzes directory: */data/courses/ece\_1111/current/quizzes/qu\_01/lastname\_firstname*. Deposit a compressed pdf file (not a zip file but use Adobe Acrobat’s built-in compression).

1. (25 pts) Depositing your quiz in the right directory gets you full credit for this part. Create a directory *p01* in your quiz directory and make sure you are the only person who can view its contents. Copy this file, an MS Word document with a filename *quiz\_01\_v00.docx* to this directory (*/p01*). When you are done deposit a pdf version of the same file.
2. (25 pts) Explain what this sequence of commands does:

sd $HOME

sd /data/courses/ece\_1111/current/labs/lab\_02

p

chmod -R a+r,g-w,o-w picone\_joseph

pd

td

Why did I not use “g-wx”? Will the chmod command work for you? Under what conditions will it work?

1. (25 pts) Describe the sequence of keyboard commands (not mouse commands) in emacs you would use to start emacs, open this text file:

/data/courses/ece\_1111/current/quizzes/qu\_01/picone\_joseph/example.txt

Replace the first two instances of “test” with “MYTEST” and the second two instances of “test” “YOURTEST”. You must do this last thing as efficiently as possible. Imagine you had to do this for thousands of lines.

1. (25 pts) In the database located here:

*/data/courses/ece\_1111/resources/data*

using Linux command line tools such as find, find the number of files that contain the sequence “123456789”. Provide the filenames that contain this text. You can use pipes. Place the command and its output in a file *p04.txt* in a directory */p04*. Your command should be able to be run from any directory. Try running it from your home directory for example.

You can use code generation tools such as ChatGPT, but your solution must be your own work and not rely on concepts we haven’t covered in this course. Do not simply cut and paste output from one of these tools – that won’t get you a very good grade on this quiz.