**ProLUG 101**

**Unit 1 Worksheet**

# Instructions

Fill out this sheet as you progress through the lab and discussions. Turn in the sheet to [scott.champine@simple2serious.com](mailto:scott.champine@simple2serious.com) for grading and feedback.

# Discussion Questions:

**Unit 1 Discussion Post 1**: Using a 0-10 system, rate yourself on how well you think you know each topic in the image. (You do not have to post this rating). Answer these questions (here):

1. What do you hope to learn in this course?
2. What type of career path are you shooting for?

**Unit 1 Discussion Post 2:**

1. Post a job that you are interested in from a local job website. (link or image)
2. What do you know how to do in the posting?
3. What don't you know how to do in the posting?
4. What are you doing to close the gap? What can you do to remedy the difference?

# Definitions/Terminology

Kernel –

OS Version –

Kernel Args –

Modules –

Mount Points –

Text Editor -

# Notes During Lecture/Class:

Links:

Terms:

Useful tools:

# Lab and Assignment

Unit1\_ProLUG\_LabEssentials - To be completed outside of lecture time

Start thinking about your project ideas (more to come in future weeks):

Topics:

* + 1. System Stability
    2. System Performance
    3. System Security
    4. System monitoring
    5. Kubernetes
    6. Programming/Automation

You will research, design, deploy, and document a system that improves your administration of Linux systems in some way.

# Digging Deeper

1. Use vimtutor and see how far you get. What did you learn that you did not know about vi/vim?
2. Go to <https://vim-adventures.com/> and see how far you get. What did you learn that you did not already know about vi/vim?
3. Go to <https://www.youtube.com/watch?v=d8XtNXutVto> and see how far you get with vim. What did you learn that you did not already know about vi/vim?

# Reflection Questions

1. What questions do you still have about this week?
2. How are you going to use what you’ve learned in your current role?