Cyber Aikido Syllabus

Andrew M Davis, PhD*

1 Introduction

The curriculum for attaining a shodan (black belt) level in cyber 合気道 . To complete your shodan test, you must write a dissertation in org-mode using Emacs and git to create a reproduciple research chain.

2 Kyu

The Kyu ranks focus on the different tools you must be proficient in to be a 気 transformation actor. 気 is information, and these tools allow you to wield signficant information.

2.1 White

- ☐ enter the dojo using matrix client of choice. #ki-force-comp:matrix.org

2.2 Red

- ☐ Emacs tutorial
- ☐ git tutorial and github account
- ☐ demonstrate ability to modify local files

2.3 Orange

- ☐ download and boot to linux iso
- ☐ install distro of choice to operate kitana (computer platform)

2.4 Yellow

- ☐ research collaboration tools
- ☐ zotero (send ref.bib for collaboration)
- ☐ syncthing and other secure file sharing tools
- ☐ gpg keys and git signing

*@reconmaster:matrix.org

2.5 Green

- ☐ customize .emacs.d to run config.org
- ☐ install org.org to config.org from ki_{repo}
- ☐ other customizations to other plugins of interest

2.6 Blue

- ☐ shell proficiency (zsh and customization)

2.7 Violet

- ☐ network proficiecy (ssh, tramp)
- ☐ org-babel proficiency and literate research in python

2.8 Brown

- ☐ design independent masters level research thesis written in org-mode

3 Shodan (Black)

To get a black belt in cyber Aikido, you must peresent original research to your committee written in org-mode and providing provenance of the research using the $\text{ki}_{\text{template}}$. This will demonstrate proficiecy with the JO (Journey Optimization) platform.