CAD design is something we’ll cover if there is enough interest. If you want to get started on your own feel free to follow this tutorial. For Questions email John Seminatore johnsemi@vt.edu

1. Install NX 8.5 and Pulse VPN from [Network Software](https://network.software.vt.edu/)
2. Familiarize yourself with Bash commands for basic operations - one tutorial to look over is [here](http://ryanstutorials.net/linuxtutorial/).
3. Once you have been added to the FleetRobotics group on github, open Git Bash and [use standard Linux Terminal Commands (ls, cd, mkdir, pwd)](https://www.youtube.com/watch?v=2FiQSLdnBqA) to navigate to the location you wish to have download the CAD folder. Then execute git clone [git@github.com:FleetRobotics/khan\_robot.git](mailto:git@github.com:FleetRobotics/khan_robot.git) to download the repository.
4. Issues with NX? Due to ongoing cooling issues in Randolph, the license server for Siemens (NX) and MSC Software licenses was moved to new hardware in a different building. Please change your license server system variables to point to trinidad.its.vt.edu instead ofuglicense.cadlab.vt.edu.
5. Right click windows icon → System
6. Advanced system settings
7. Advanced tab → Environmental Variables
8. Under System Variables, change/update UGII\_LICENSE\_FILE and UGII\_LICENSE\_SERVER
9. Rerun License Options and select the proper ACD bundles

Want a quick NX Tutorial?

<https://www.youtube.com/playlist?list=PLROUP1bV8RES1yZr5UekGl6sfRWxhETkO> with <https://docs.google.com/a/vt.edu/file/d/0BxHoQac6LA7_dFBucEZ4ejAwSU0/edit>