

Lynn's Git Workflow for SENG 265:

1. You have a brand new git repo, or you are working on a repo on a new computer:

```
git clone ssh://mynetlinkid@git.seng.uvic.ca/seng265/mynetlinkid
```

this creates a directory with your repo name.

2. You make some changes in your workspace, and want to add them to your git repo:

```
cd mynetlinkid
```

You do some work – add files, make changes, etc.

When you're done:

```
git add myfilename
```

3. You have made all the changes you want to for now, and want to get them ready to upload to your remote git repo:

```
git commit -m "My commit message"
```

the -m is for message. Make your commit messages meaningful. It helps you keep track of what you've done.

4. You want to send your work to the remote git server:

```
git push
```

your work is now saved to the remote location

5. *** THIS STEP IS IMPORTANT ***

before you start working again, especially if you've been working on a different computer, you need to synchronize your work!!

```
cd myrepo
```

```
git pull
```

This will update your repo if any changes have been pushed up since you were last on that particular computer.

*** NOTE ***

if you miss any of these steps, your repo can get messed up.

You always have the option to move your work to another directory and do a fresh git clone.

*** THIS ONLY GIVES YOU THE WORK YOU PREVIOUSLY SAVED ***

*** REMEMBER: GIT PULL, WORK, GIT ADD, GIT COMMIT, GIT PUSH ***