**Terminal/shell:**

* bash/”shell scripting” commands:
  + cd
  + cp
  + rsync
  + ls
  + grep
  + rm
  + mkdir
  + less
  + cat
  + pipes (|, >)
  + bash
  + chmod
  + **man**
* flags/arguments
* file types
  + .mat
  + .sh
  + .py
* permissions
* wildcard character (\*)
* vim/emacs
* hidden files
  + .bashrc
  + .bash\_profile
* variables
* tab autocompletion

**Rhino:**

* “Local”
* “Remote”
* Cluster
* Nodes
* Parallelization
* Unix
* Linux
* More bash commands!
  + scp
  + rsync
  + svn co (checkout)
  + svn up (update)
  + svn ci (commit)
  + qlogin
  + git
* Repository

**General programming terms:**

* Variable
* Type
  + Integer
  + Float
  + String
  + Boolean
  + List
  + Dictionary
  + Object
* Script
* Function
* Conditional
* Loop
  + While
  + For
* Comments
* “Escaped” characters

**Python Scripting**

* Operators
  + +
  + –
  + \*
  + /
  + %
  + ()
  + []
  + {}
  + =
  + ==
* Keywords
  + print
  + if
  + else
  + elif
  + and
  + or
  + not
  + while
  + for
  + in
  + break
  + continue

**Topics:**

* Dictionaries
* Debugger
* Functions
* Modules (import)
* Special words (\_\_name\_\_)
* Exceptions
* List comprehension
* \_\_name\_\_
* Classes
* \_\_fcn\_\_s
* Numpy
* File reading
* PTSA
* Lambdas (?)

**Dictionaries:**

* “in” keyword
* .keys()
* .values()
* .items()

**Python functions**

* Def
* Arguments
* Three ways to use functions:
  + Output stuff
  + Return stuff
  + Modify inputs
* Passing functions into functions
* Recursion