



# USPAS – *Simulation of Beam and Plasma Systems*

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Computer Lab:      **Software Version Control**

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<http://uspas.fnal.gov/programs/2018/odu/courses/beam-plasma-systems.shtml>

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# Goals

- In the Computer Lab this afternoon, you will
  - fork this repo to your own GitHub account
  - clone this forked repo to your laptop or desktop
    - **it is compatible with Python 3.5 and 2.7**
    - **you may have to do the following:**

```
$ pip install pykern
$ cd rsbeams/
$ python setup.py install
$ cd test/
$ pytest
```
  - document each of the following with an issue:
    - **run the existing tests**
    - **create a branch**
      - create a new example, based on one of the existing tests
      - merge the branch back into 'master'
  - decide what part of the code you would like to test
    - **create an 'issue' in the original repo regarding your plan to create a test**

