



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



D. Bruhwiler – USPAS – January 2018 – Software Version Control

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