**THIS IS MOSTLY FROM 15SP**

These are all the things that should be fixed in 120.

* ~~[MIK] Some of the testing rubrics need to be less generous.~~
* ~~[MIK] Something about this new testing policy irks me a little. I’m not quite sure how to fix it, though.~~
* ~~[MIK] OCaml style rubric seriously needs to be rebalanced~~
* [MIK] hw04 and especially hw05 should continue the story about modules and abstract data types from hw03. Maybe we should consider teaching about how files are modules.
  + Also make hw03 testing use functors
* [MIK] Weigh the homeworks differently
* [MM] BSTs, especially delete, should be a real thing
* [MIK] make hw08 hw09

~~From the Repo (not relevant for us; for instructors)~~

~~TODO: at the start of class~~

~~- let the students know to plan to create two workspaces (one for OCaml, one for Java)~~

~~- suggest that they call the first one: cis120OCamlWorkspace~~

~~- suggest that they call the next one: cis120JavaWorkspace~~

ADJUST JAVA COURSE MATERIAL:

Since we dropped the Java GUI project in favor of Chat we should

1. Move the early coverage of anonymous inner classes later:

lectures 21 & 22 ==> move material to lec 35

2. Move lec 33: overriding & equality and lec 37: hashing / hash

sets to be adjacent to the collections lecture 28

3. Move exceptions / File IO after overriding & equality,

also move ENUMS (lecture 30) earlier

So, the proposed flow for Java Lectures is:

- Transition to Java

- Connecting OCaml to Java

- Interfaces

- Java arrays + Resizable-array example

- Static vs. Dynamic methods

- ASM: Static vs. Dynamic types

- Subtypes & Extension

- Class & Interface Extension

- Subtype vs. Parametric Polymorphism

- Collections & Iteration

- Overriding / Equality / Hashing

==> connection to Collections

- Enums + Switch

- Exceptions

- IO

- Histogram Demo [move some parsing earlier?]

- Swing I, II, III

- Paint Demo

- Advanced Topics

It's tricky to fit the homework in with this schedule, though...