What the course provides
These should be available Real Soon Now...

- team svn repo
- team mailman
- team wiki
- db user for team
- environment to deploy a webapp on
  - Tomcat
  - Vanilla apache config?
  - IIS?

Survey of available tools

- This list is not comprehensive
- Choose wisely
  - favor familiarity over novelty.
  - If you’re not sure if the language or framework is suitable for the task at hand perhaps it isn’t a good choice.
  - You’re not constrained to making a traditional webapp.

Language support tools
If you want to use a language which doesn’t have tools or a runtime on department equipment that’s fine, provided deploying/building and using the application is sufficiently simple.

- JDK
- ASP.NET
- C++, gcc, gdb, visual studio, …
- Eclipse

Version control tools

- SVN server, SVN clients (TortoiseSVN)
  - SVN repo will be made available soon.
- [you might also consider… Mercurial, Git, etc.]
Testing tools
- Junit -- [http://www.junit.org/](http://www.junit.org/) -- testing framework for Java, supports unit testing and running of tests
- Nunit – Junit for C#
- cunit
- ...

Database
- mysql, Postgres
  - mysql by default.
- ms-sql?
  - If you’re interested in ASP.NET/IIS/ms-sql stack we’ll look into this for you.

Web servers
- Java on Tomcat
- ASP.NET on IIS
  - Probably
- Vanilla Apache (PHP)
  - Probably
  - Perhaps Python and rails as well

Project space
Extra-departmental resources are okay; you are responsible for availability and configuration.
- Cubist…
  - svn repo coming Real Soon Now…
- Google code
- Sourceforge
- Codeplex.com
- …
Also need

- Bug database/issue tracker
- Email/archives/wiki/something
  - Each group will get their own mailman list and wiki space (pending).
- Perhaps project timeline manager