

### Server Setup

The College TSG has set up accounts for each of you in a FAU-based LAMP server. This is the default server at which you should host your projects (and HW assignments) for the class. In this document I'll provide instructions, rules, and guidelines associated with accessing and using the server for your course projects.

1. The server name / address is: **lamp.cse.fau.edu**.
2. You should have received an email directly from TSG with instructions on how to access the server. *If this document in any way contradicts that email, the information in the email should have precedence over this document.*
3. Additional information can be found at <http://tsg.eng.fau.edu/servers/lamp-cse-fau-edu/>
4. This is a Linux-based server (hence the 'L' in LAMP). You're expected to know the very basics of Linux / UNIX, e.g., creating a directory and changing your password. If you need help with that, please **do not** email TSG. Consult an online tutorial, instead.
5. You should be able to access it remotely for remote login (SSH) (terminal mode) and file transfer (SFTP) to your area within the server, using a combination of suitable SSH / SFTP software tools such as Putty and WinSCP. See <http://tsg.eng.fau.edu/2010/08/30/setting-up-putty-and-winscp/> for additional information.
  - a. I personally prefer **Cyberduck** to other SSH/SFTP tools. It is free, easy to use, and it has MacOS and Windows versions. Check it out: <https://cyberduck.io/>
6. Please check <http://tsg.eng.fau.edu/servers/lamp-cse-fau-edu/first-time-login/> for information on what you need in order to log in for the very first time.
7. Once you login to your account and change your password you should create a **public\_html** directory with the proper privileges. This is the directory under which all your public Web files will be stored.
8. Once your **public\_html** directory has been set up, you may want to create a test index.html page and make sure it can be accessed from: <http://lamp.cse.fau.edu/~username/index.html>, where 'username' is your user name on lamp.cse.fau.edu.
9. You will have access to a separate database schema on MySQL. Remote access to your database will be possible via **phpMyAdmin**: <http://lamp.cse.fau.edu/phpMyAdmin/>. Once you see the login prompt, please use the same login / password information provided in the email mentioned in item 2 above.

**NB: You will not need access to your database before we start discussing server-side programming.**
10. TSG helpdesk support is available (email [help@eng.fau.edu](mailto:help@eng.fau.edu)) for server issues. Please be conservative and courteous. It is always a good idea to check with other students in the class (maybe via Discussion Board) before posting a ticket through the help system.

Final remarks: It might be necessary to make changes and adjustments along the way. I'll provide updates and additional instructions via Canvas as we progress.