Old style class accounts for individual classes have been depreciated since 2017 and the connect migration. Newer style class accounts take two forms:

1. functional Google Connect accounts of the form csXX@cs.ucsb.edu where XX is a number. These do not have access to CoE computers, but do provide email and access to google drive
2. functional CoE accounts of the form ProfessorUsername_class. These do provide access to CoE Computers and can be provided with functional google accounts if requested in order to provide access to email.

### Requesting Access to an Existing Class Account

If you are a Teaching Assistant and need access to a class account for the quarter, please have the instructor send an email to help@engineering.ucsb.edu requesting access on your behalf. New style class accounts of type 1) have to be requested by a faculty or staff member. In regards to new style class accounts of type 2) the owning professor does have the ability to add ssh keys to their own account without needing to contact ECI.

It is very common for professors to want TAs to have access to files inside their class account, but do not want to give away the master password. In such cases, ssh access can be granted to the class account via ssh keys.

Since keys need to be created on a per person basis, we will need you to first create your key inside your CoE account, then we will need your professor to send an email requesting a copy of your public ssh key be copied over to the class account.

Once we either have the key location inside your CoE account or a copy of the public key, we will then add your key to the class account's authorized_keys file.

Once this is done, when you ssh between CS machines, your ssh key will be used, instead of password authentication.

When we request that you send your public key to help@engineering.ucsb.edu, we do not need the key fingerprint, the private key, or the passphrase: only the public key - which is the contents of the id_rsa.pub file and should look similar to this (and be on one long line):

```
ssh-rsa
AAAAAB3NzaC1yc2EAAAABIwAAAEBjMjL6PcIJJu9y0ZdcArsUmGCIBoHsbJEBaSqsOhJn5kVjPn9yZg/3Q6odDridl71mKL5z8fIdHDvkDfJxJEFJ13Tgs
do8pT0y8DJPdJr9PnGIoKzh2P+s96Gnc2RtG73LJnyu731lBz1Cj09gi2aM6up+uIlFrr2e2iJCuZV0V4c= user@host
```

If you are leaving the public and private keys in your CS account's home directory, you can simply tell us the filename of your public key and we will copy it over to the class account for you.

**Note**

If you need help generating SSH keys, please see [Setting up SSH Keys](#).

### Features of New Style Class Accounts

New style Class accounts are not be archived/recreated each quarter

The functional Google Connect supports accessibility features, designates and +addressing.

Designates mean that if you go to settings >> accounts >> Grant access to your account, you can give any UCSB connect email access to see your new mail account's inbox and the ability send mail as the functional account, but not have the ability to alter most settings, perfect for having TAs handle class emails.

+addressing allows you to add +tags to your email and have it still delivered. for example since <yourusername>_class@cs.ucsb.edu will be a valid alias, <yourusername>_class+csXX@cs.ucsb.edu also will be a valid alias under +addressing. This means you will not have to request another functional email account next year if you are teaching another cs class. for example, if you are teaching csZZ next year, <yourusername>_class+csZZ@cs.ucsb.edu is also a valid +address.

While TURNIN is still currently functional it is **HIGHLY RECOMMENDED** that you use OTHER grade management systems like Github, Gauchospace, Gradescope, or Piazza to collect homework. Most of the mentioned websites also support class websites (with optional accessibility support), eliminating the need to make html pages.

**Note**

TURNIN is depreciated. It and the libraries it depends on are no longer being updated. While it is still currently functional, we cannot guarantee its current functionality into the future.
Related articles

- Can I remote log in (to CSIL/Linux) from home?
- How to do X11 Forwarding on a Mac
- Remotely Accessing Matlab
- Remote Terminal Access from Windows: PuTTY
- What are the names of the CSIL machines?