

Fall 2023 Quarterly Report

Computer Lab Management

Prepared by Tim Leamy

Computer Lab Management (CLM) operates 24 computer rooms across the UC Davis campus. These consist of 18 computer classrooms and 6 open access labs with a total of 739 installed stations. CLM also manages six departmental computer rooms with 126 installed stations for the UC Davis Language Center and The Arts Admin Group.

Some of the significant items from Fall 2023 include:

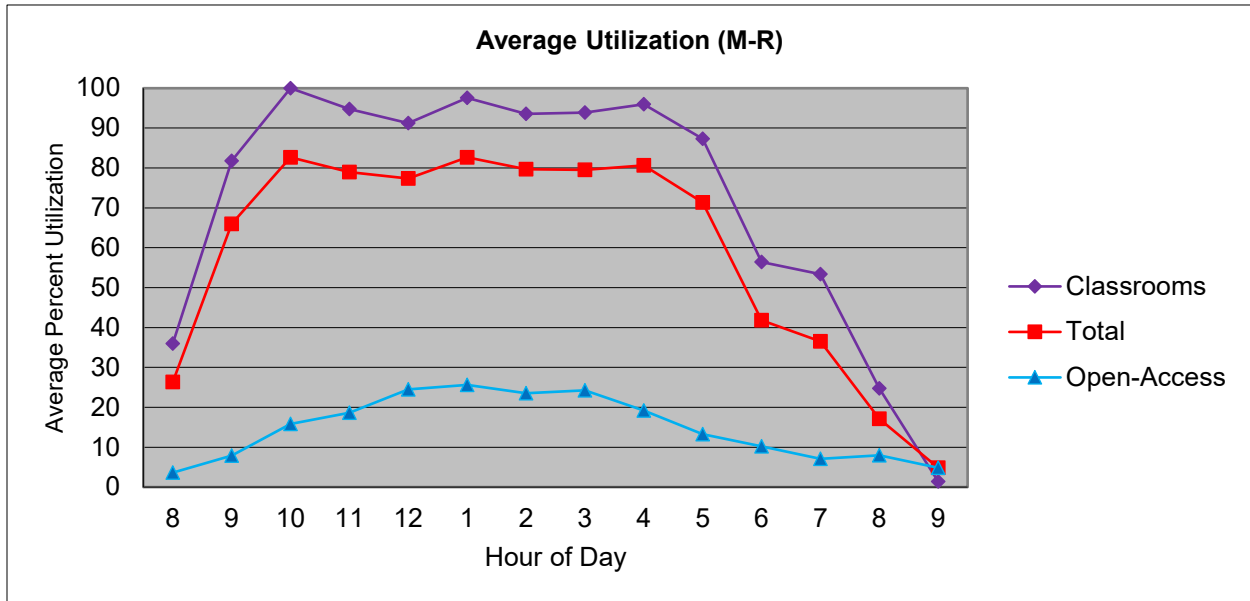
- Overall open-access utilization, logins, and printing increased slightly from average 21-22 levels, but were still much lower than pre-pandemic use.
- The wireless printing service saw a huge increase in use post-pandemic. The increase is due to the self-serve wireless printing added to the MU Lounge and Shields Basement over Summer 2021.
- CLM made several significant upgrades during Fall quarter and Winter Break:
 - Upgraded our Wireless Printing system to PaperCut. The new system allows printing from SmartPhones in addition to laptops. See <https://print.ucdavis.edu/> for more info.
 - Rearranged layout in 102 Wellman to replace 10 standup stations with sitdowns stations. Also added 8 "laptop stations" where students can power their laptops and connect to external monitors.
 - Added 2 "laptop stations" in 78 Hutchison where students can power their laptops and connect to external monitors.
 - Upgraded to TwinMotion 2023
 - Upgraded to Rhino 8
- CLM conducted a faculty survey about computer room use. The results are posted at https://computerrooms.ucdavis.edu/pubs/survey/faculty_f23.html. In general faculty were very pleased with the computer classrooms.

Statistical Summary

Utilization

Overall computer room utilization

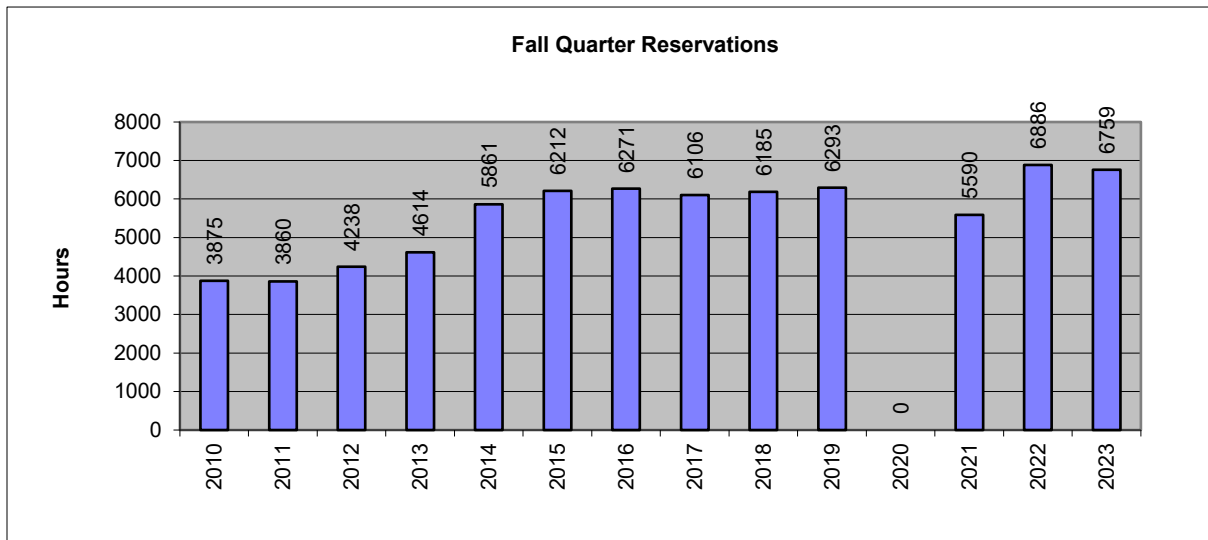
Computer Lab Management operates 25 computer rooms at UC Davis. These computer rooms experience high utilization during peak hours (9:00 am to 6:00 pm). The graph below shows average utilization for classrooms, open-access labs and all rooms for Monday through Thursday.



Classroom use is very high – averaging over 90% from 10am to 5pm. Open-access utilization is much lower. The COVID pandemic appears to have caused a large change in student behavior.

Class Use

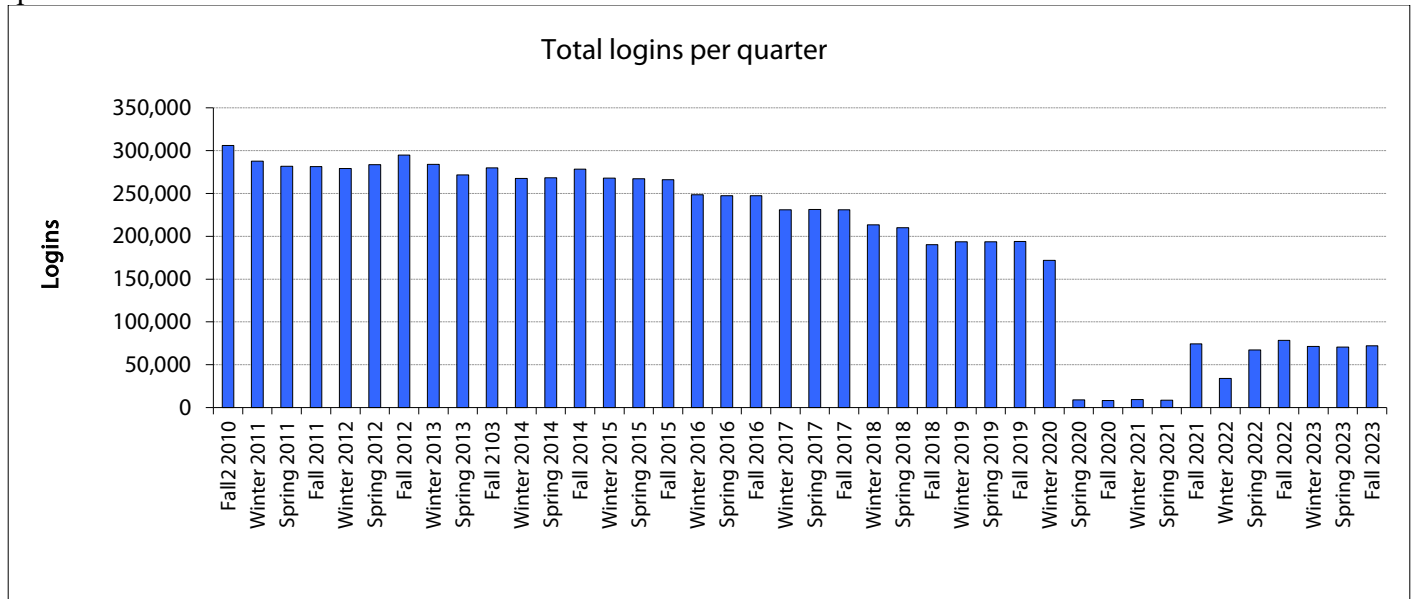
During Fall 2023 there were 6,759 class hours reserved in the computer classrooms. This is down slightly from Fall 2022 since 0347 Storer was closed. The class hours were originally higher but there were 662 hours of cancellations.



In addition, there were 279 class software installs and 9 class folders created during Fall 2023.

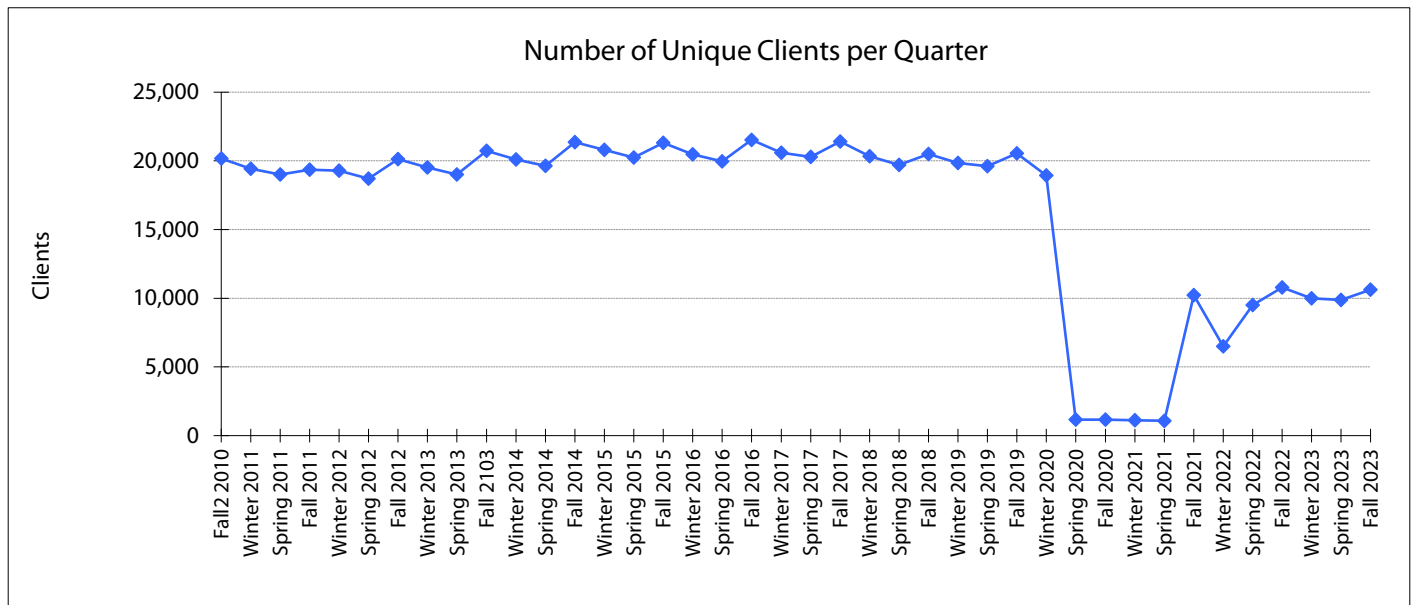
Number of Logins

There were 72,204 total logins in Fall 2023. This is substantially lower than the pre-COVID numbers, but a slight increase from last Spring. The number of logins seems to have stabilized around roughly 71,000 per quarter.



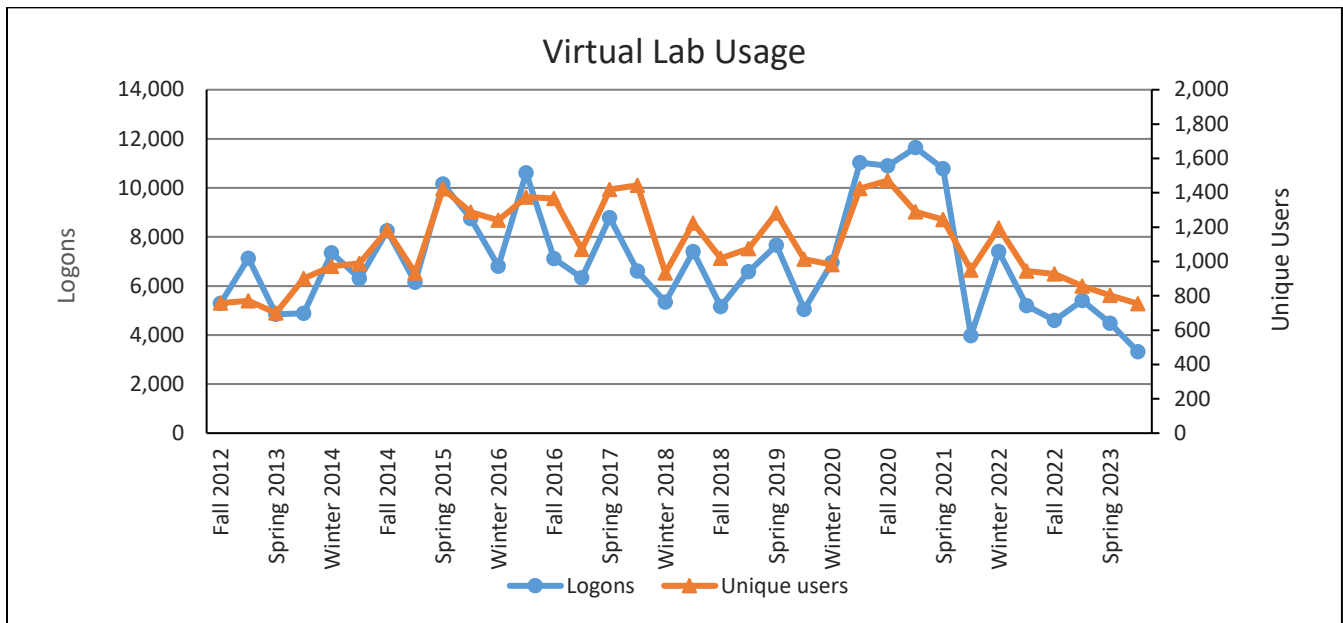
Unique Users

The number of unique clients increased slightly to 10,613 in Fall 2023. 10,323 (97.3%) of the unique clients were students. The number of unique clients seems to have stabilized around roughly 10,000 per quarter.



Virtual Lab Users

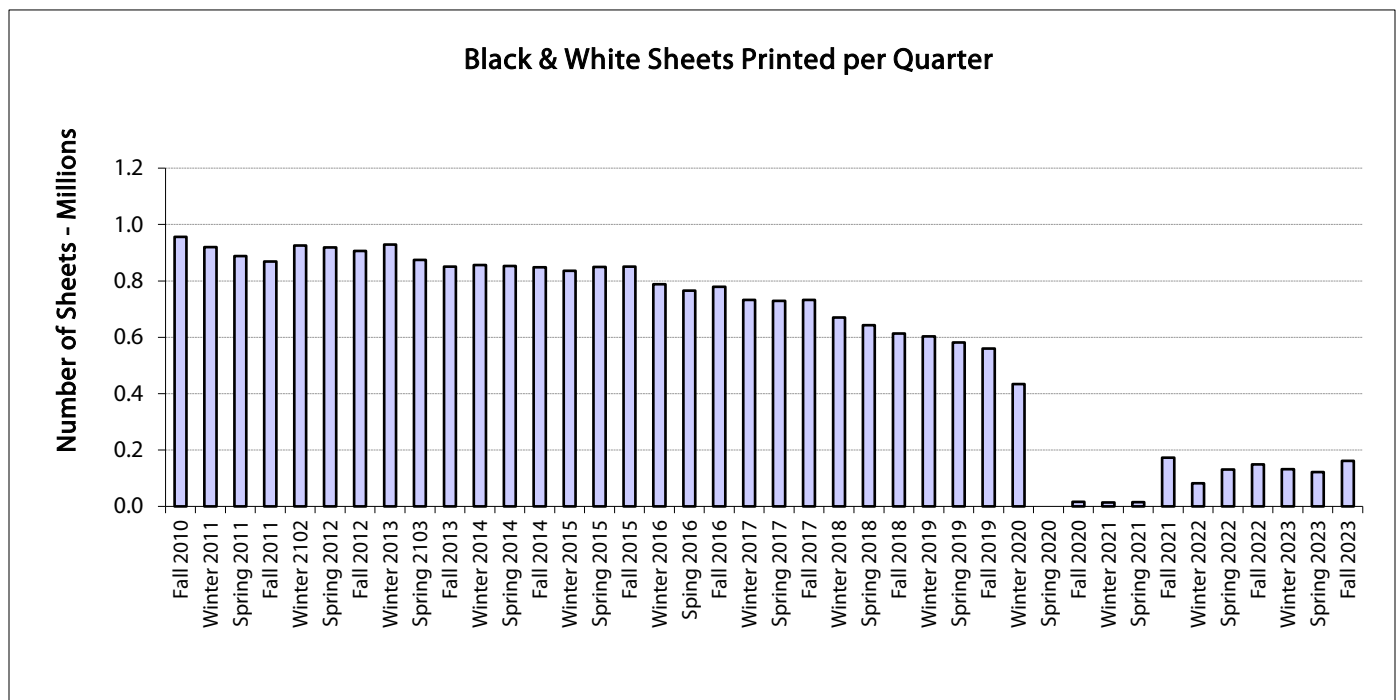
The IET Virtual Lab was used 3,321 times by 754 unique clients. Both are a large drop from the COVID pandemic level of use, which was expected since class sessions met in-person instead of using the Virtual Lab.



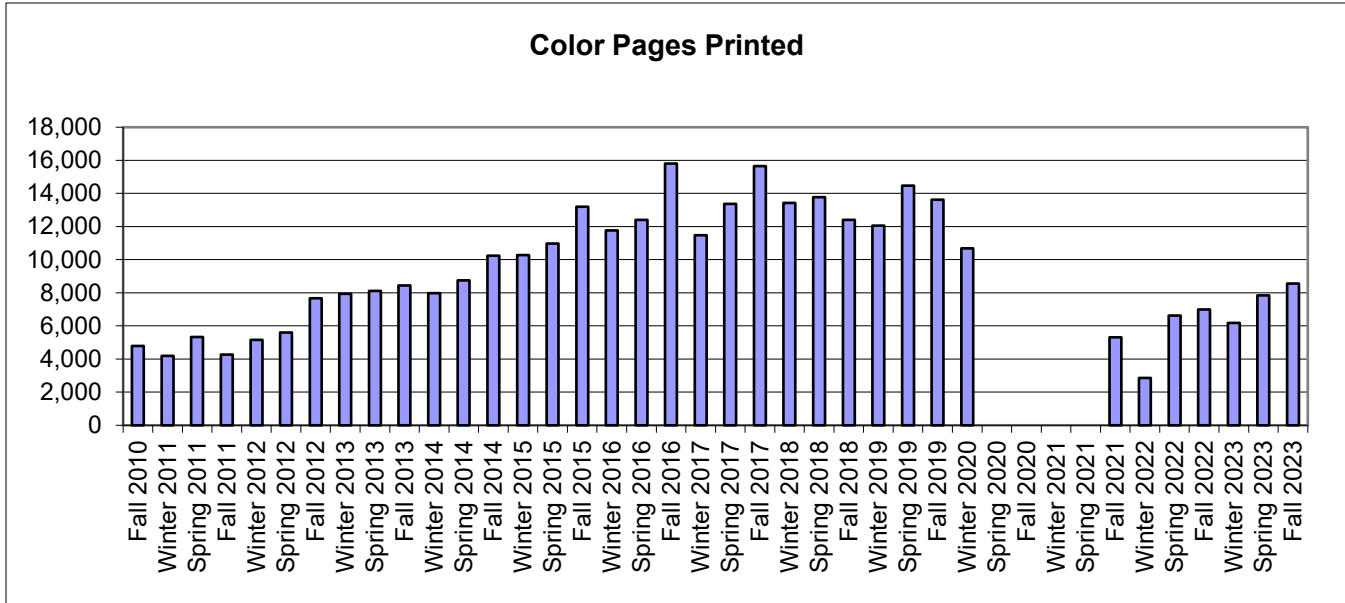
There were 1,146 denied connections to the virtual lab since there were no free stations. Most denied connections were during the day when there are only very limited number for computers available.

Printing

The total sheets printed in Fall 2023 was 161,545. This was an increase from Spring 2023, but still much lower than pre-pandemic amounts.



There were 8,556 color pages printed. This is a slight increase from last year, but much lower than pre-pandemic amounts.



There were 27,540 wireless print jobs, a huge increase from pre-pandemic use. There were 5,078 unique clients who printed through the wireless printing system. The increase is due to the self-serve wireless printing added to the MU Lounge and Shields Basement over Summer 2021.

