Fall 2024 Quarterly Report
Computer Lab Management
Prepared by Tim Leamy

Computer Lab Management (CLM) operates 23 computer rooms across the UC Davis campus. These consist of 18 computer classrooms and 5 open access labs with a total of 663 installed stations. CLM also manages six departmental computer rooms with 130 installed stations for the UC Davis Language Center and The Arts Admin Group.

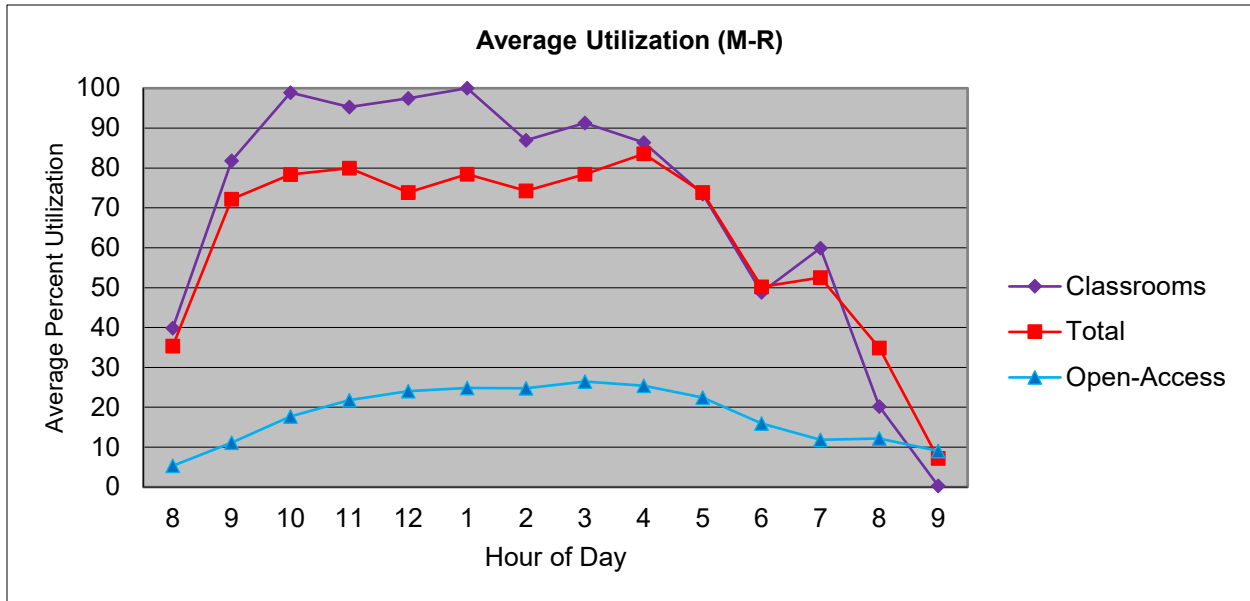Some of the significant items from Fall 2024 include:

- Overall logins and unique users decreased slightly from average 22-23 & 23-24 levels. We believe this is partially due to closure of our largest open access lab in 2101 SCC over Summer 2024. The total number of open access seats decreased from 134 in Fall 2022 to 55 in Fall 2024.
- There was a large increase in B&W printing from Spring 2024. This is due to our new PaperCut printing system which makes printing from students' laptops and mobile devices much easier. There were more unique clients who printed (10,270) that used the computer rooms (9,224).
- CLM made several software upgrades during Winter Break:
  - macOS Sonoma 14.7.2
  - R 4.4.2 & RStudio 2024.09.1
  - Adobe Creative Cloud 2025
  - Vectorworks 2025
  - SketchUp Pro 2024
- CLM conducted a faculty survey about computer room use. The results are posted at https://computerrooms.ucdavis.edu/pubs/survey/faculty_f24.html. In general faculty were very pleased with the computer classrooms.

Utilization

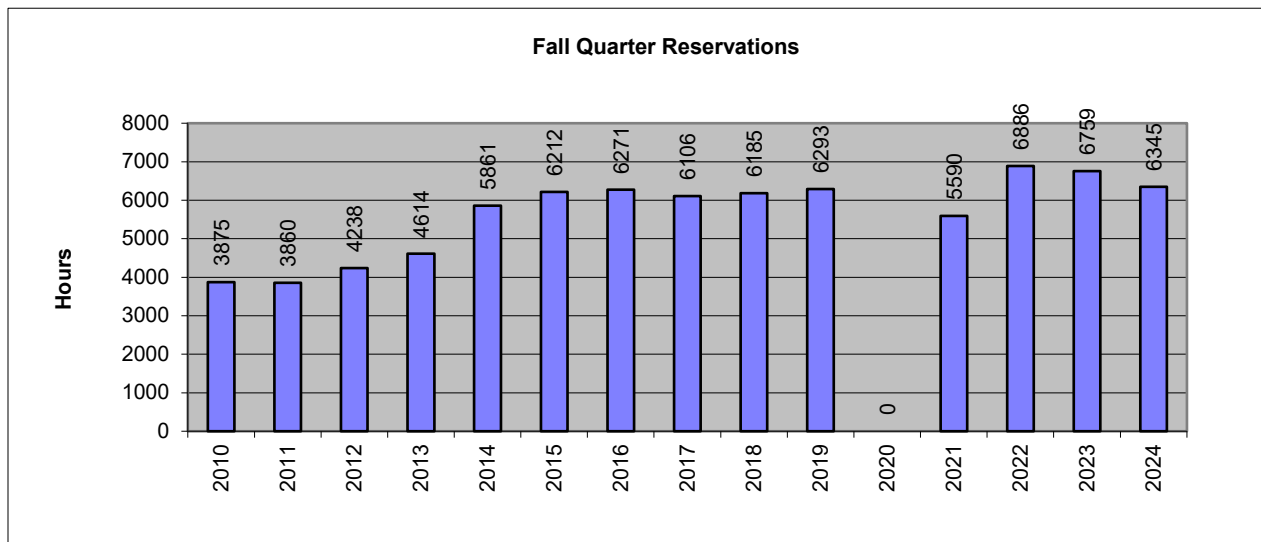### Overall computer room utilization

Computer Lab Management operates 24 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.
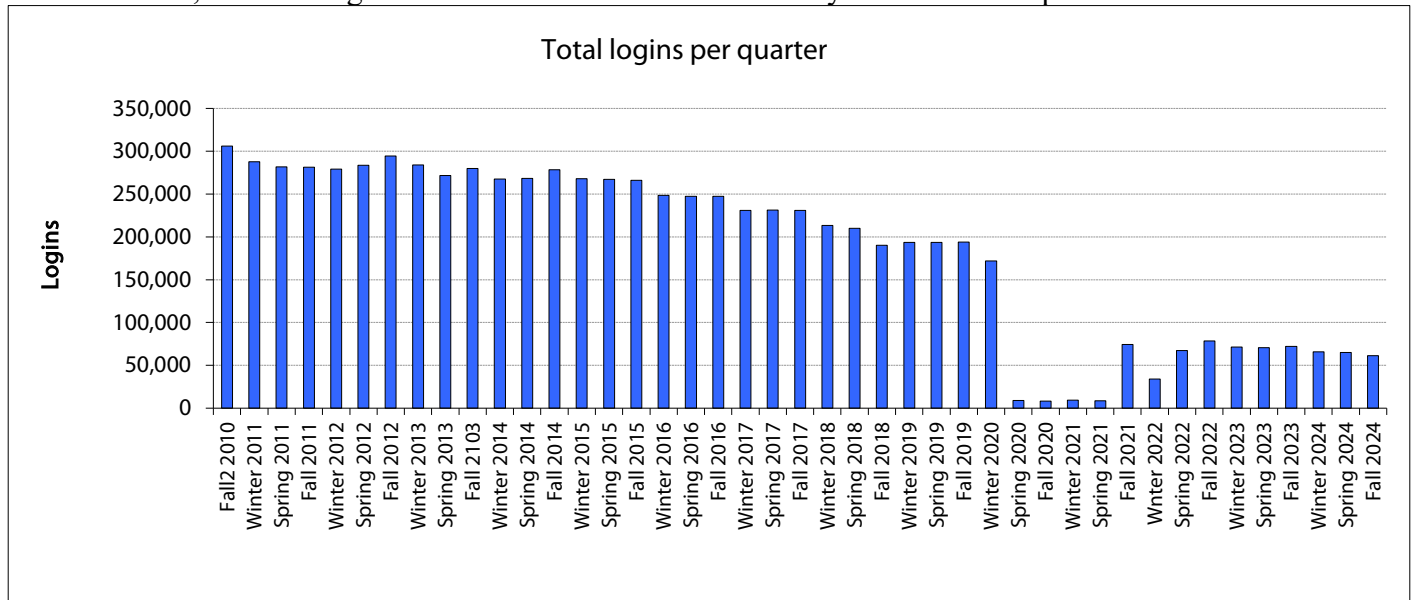
Class Use

During Fall 2024 there were 6,345 class hours reserved in the computer classrooms. This is down slightly from Fall 2023. The class hours were originally higher but there were 825 hours of cancellations.

In addition, there were 271 class software installs and 7 class folders created during Fall 2024.
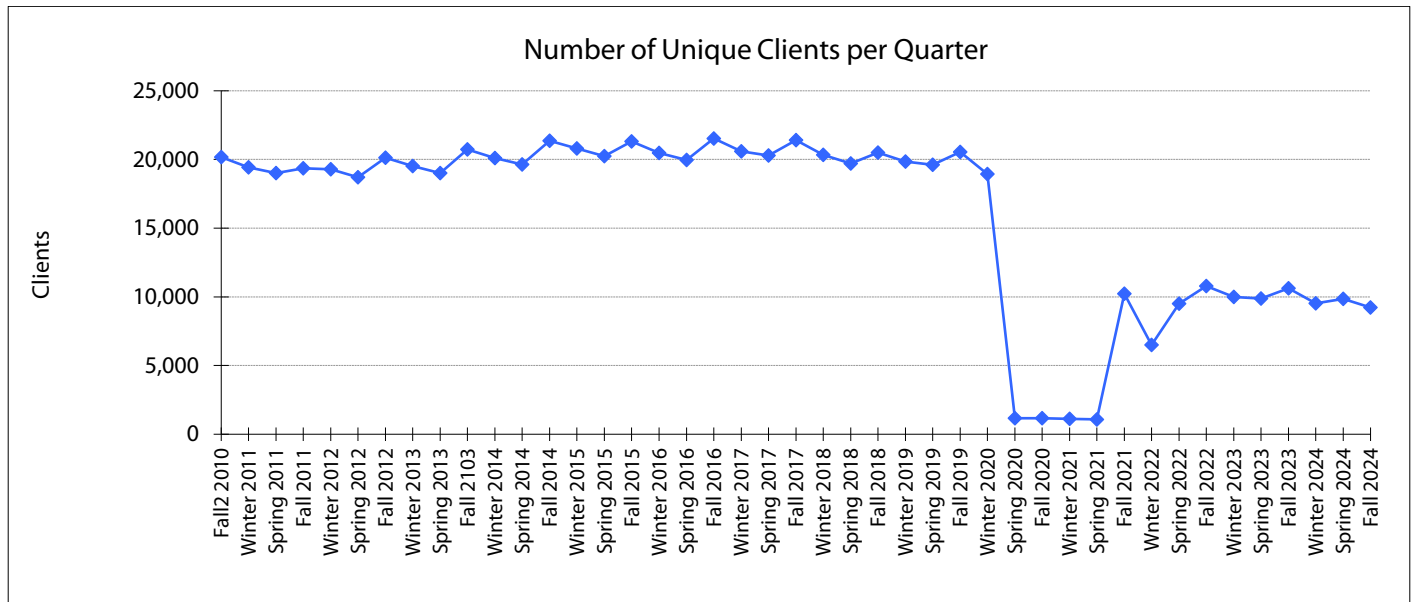
Number of Logins

There were 61,384 total logins in Fall 2024. This is substantially lower than the pre-COVID numbers.
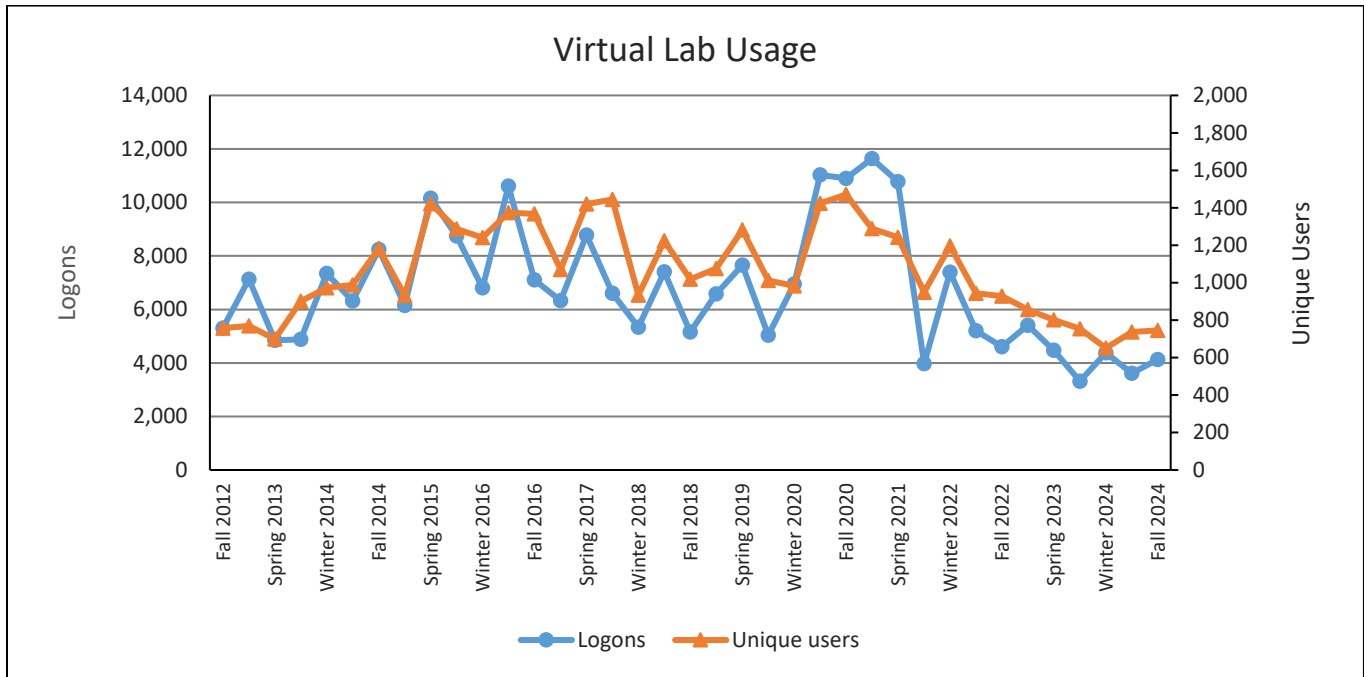
Total logins per quarter

Unique Users

The number of unique clients decreased slightly to 9,224 in Fall 2024. 8,993 (97.5%) of the unique clients were students. The number of unique clients seems to have stabilized around roughly 9,000 per quarter.

Number of Unique Clients per Quarter
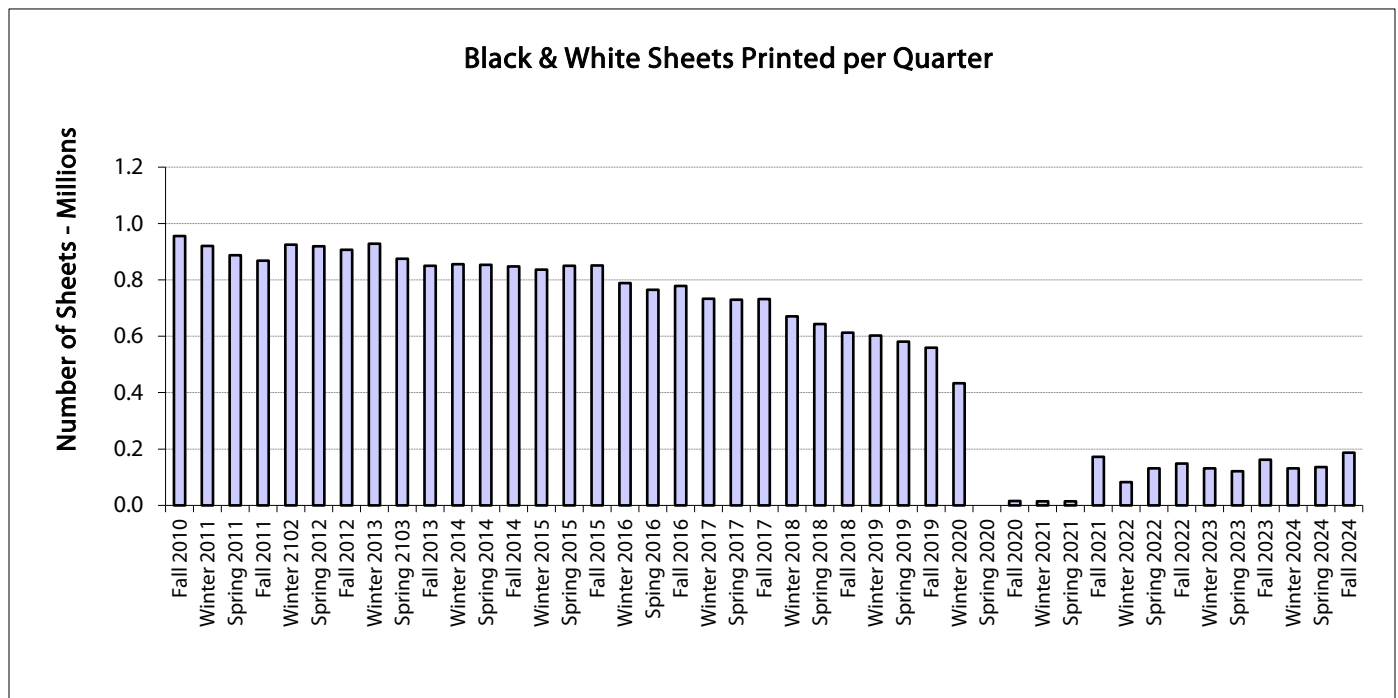
Virtual Lab Users

The IET Virtual Lab was used 4,125 times by 745 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.

Virtual Lab Usage

There were 1,216 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 2024 was 187,466. This was a large increase from Spring 2024, but still much lower than pre-pandemic amounts.

Black & White Sheets Printed per Quarter

There were 7,330 color pages printed. This is a slight decrease from last year and much lower than pre-pandemic amounts.

Color Pages Printed