

# Fall 2015 Quarterly Report

## Computer Lab Management

Prepared by Tim Leamy

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Computer Lab Management (CLM) operates 20 computer rooms across the UC Davis campus. These consist of 14 computer classrooms and 6 open access labs with a total of 623 installed stations. CLM also manages seven departmental computer rooms with 178 installed stations for the School of Education, the UC Davis Language Center, and The Arts Admin Group.

Some of the significant items from Fall 2015 include:

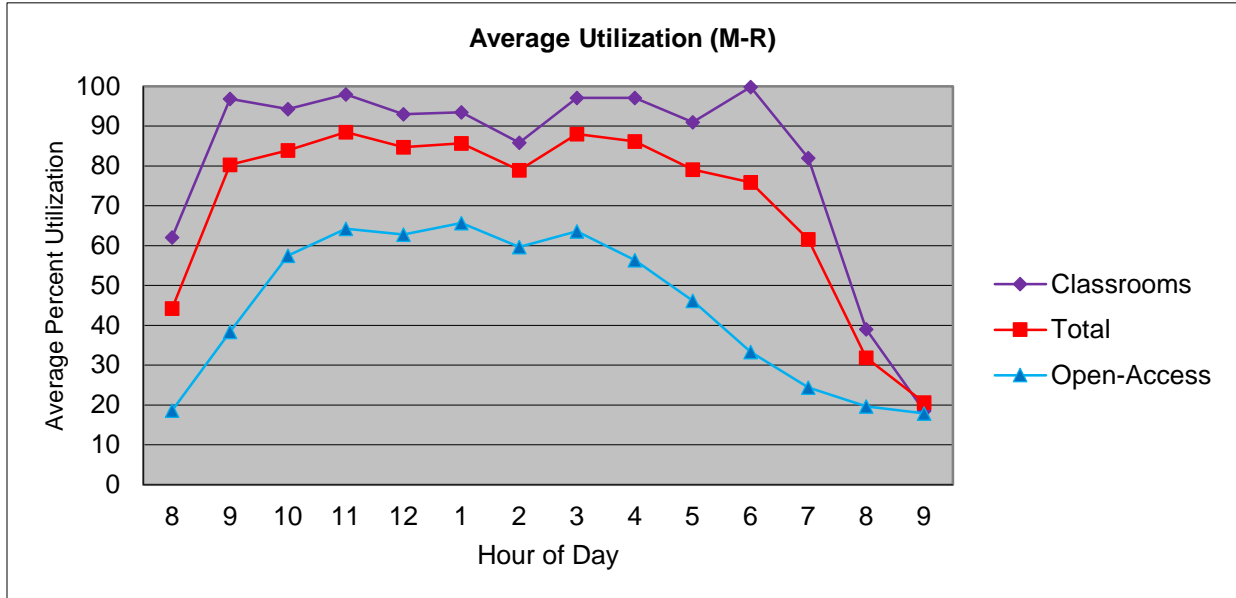
- During Fall 2015 there were 6212.25 class hours reserved in the computer classrooms. This was the highest quarterly reserved hours in CLM history and an increase of 6% over Fall 2014. CLM added two new computer classrooms in the Shields Library in Winter 2014 which greatly contributed to the increase. However, the new Shields classrooms only account for two-thirds of the increase. The remaining growth can be attributed to the 2020 Initiative and faculty members integrating more computer-centric methods into their classroom teaching. Therefore, CLM is continuing to look for ways to add computer classrooms.
- CLM Added Block Web Sites functionality to AB Tutor (<http://clm.ucdavis.edu/rooms/facguide/abtutor/abblockweb.html>). This allows faculty to block all access to websites during tests, etc.
- CLM increased the number of stations available during the day for the IET Virtual Lab over Summer 2015. This change had the desired effect as the number of denied connections due to no stations being free dropped from 5,072 in Spring 2015 to 1,109 in Fall 2015.
- The number of logins has remained fairly consistent over the past few years, but is lower than the peak in 08-09. The number of unique users is slowly increasing, most likely keeping pace with the increasing number of students. The decrease in number of logins has several likely causes:
  - Increased ownership of laptops and smartphones reducing student need for accessing the computer rooms.
  - The Fall 2009 printing rate change decreased printing demand and therefore logins.
  - Increased reserved class hours reducing the time available for drop-in student use.
  - Decrease of open hours – CLM dramatically cut evening and weekend available hours in response to budget issues.
- CLM conducted a faculty survey about computer room use. The results are posted at [http://clm.ucdavis.edu/pubs/survey/faculty\\_f15.html](http://clm.ucdavis.edu/pubs/survey/faculty_f15.html). In general faculty were very pleased with the computer classrooms.

# Statistical Summary

## Utilization

### Overall computer room utilization

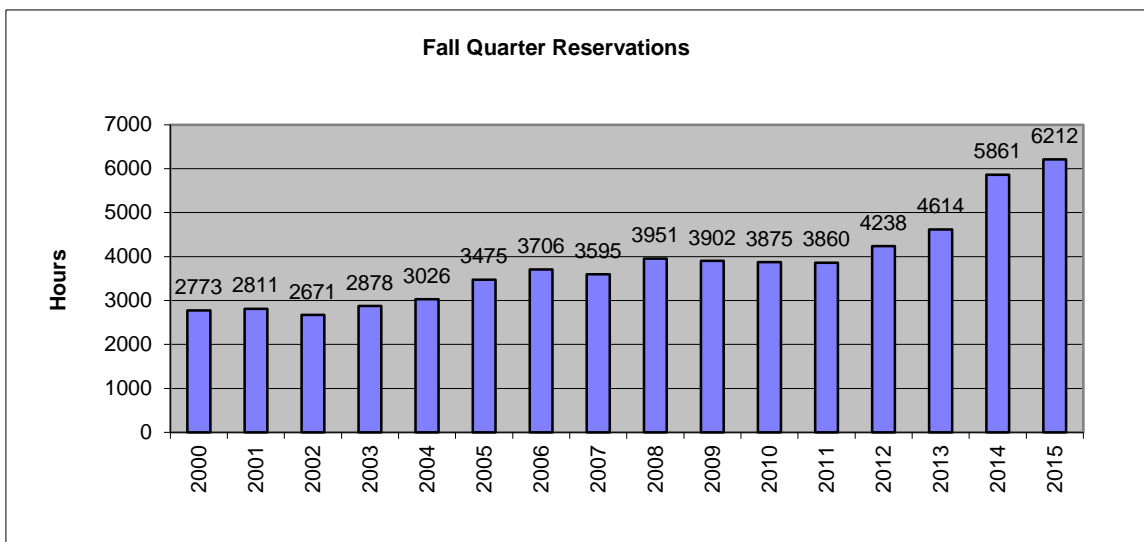
Computer Lab Management operates 20 computer rooms at UC Davis. These computer rooms experience high utilization during peak hours (10:00 am to 5:00 pm). The graph below shows average utilization for classrooms, open-access labs and all rooms for Monday through Thursday.



Classroom use is very high – averaging over 90% for most of the peak class times. Open-access utilization is lower, but since it is an average across the entire quarter it doesn't give a sense of peak use. Many of the open-access labs also experience wait lines during busy times of the quarter. The maximum wait line was 35 people waiting for a computer on December 3<sup>rd</sup>.

### Class Use

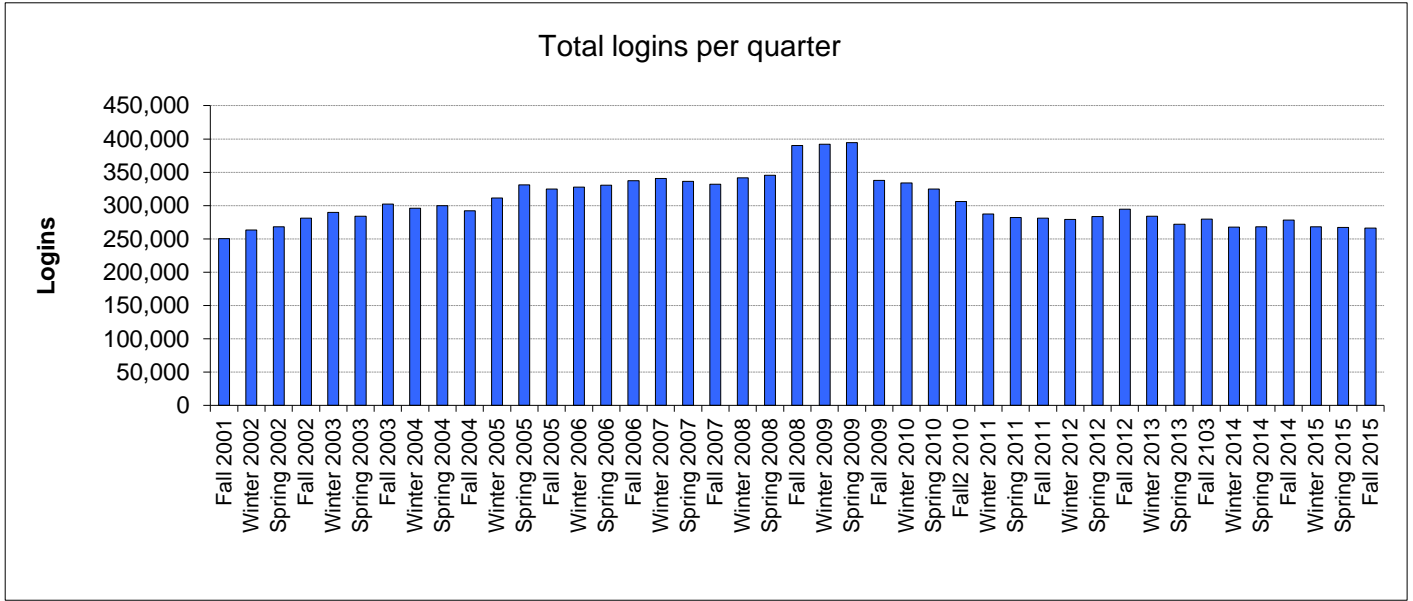
During Fall 2015 there were 6212.25 class hours reserved in the computer classrooms. This was the highest quarterly reserved hours in CLM history.



In addition, there were 164 class software installs and 162 class folders created during Fall 2015.

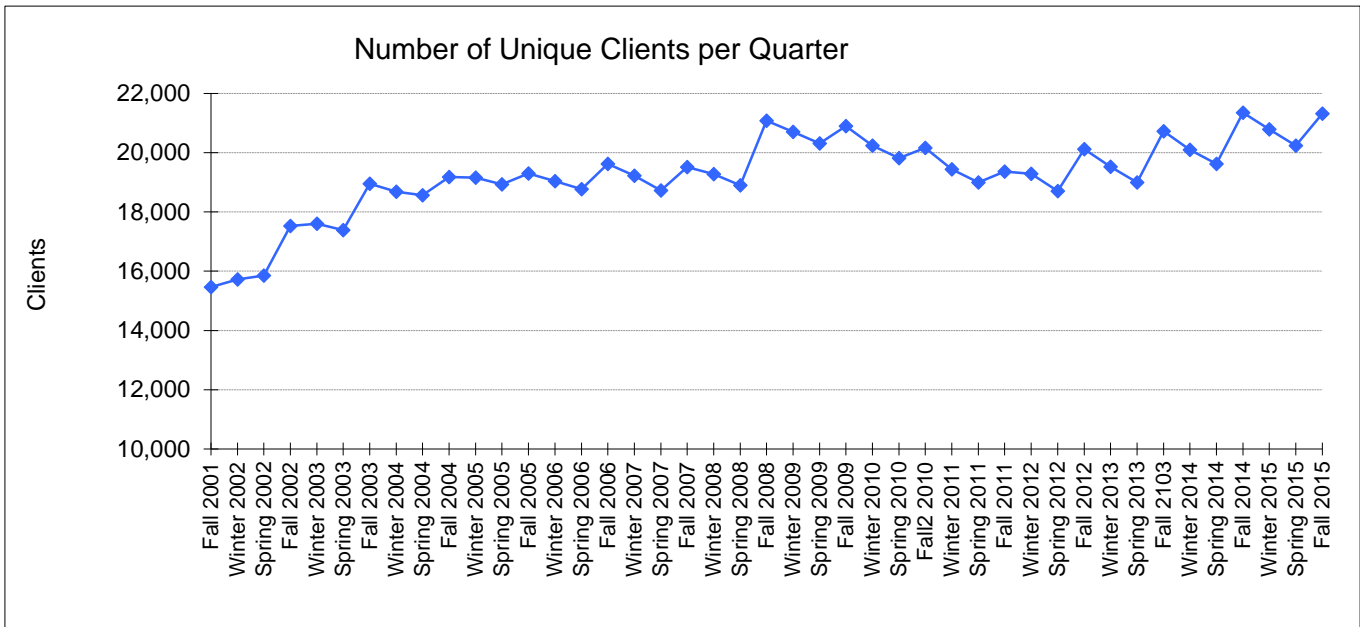
## Number of Logins

The total logins in Fall 2015 were 266,217 (essentially unchanged from Spring 2015). There is a large decrease from the 08-09 average of 392,096.



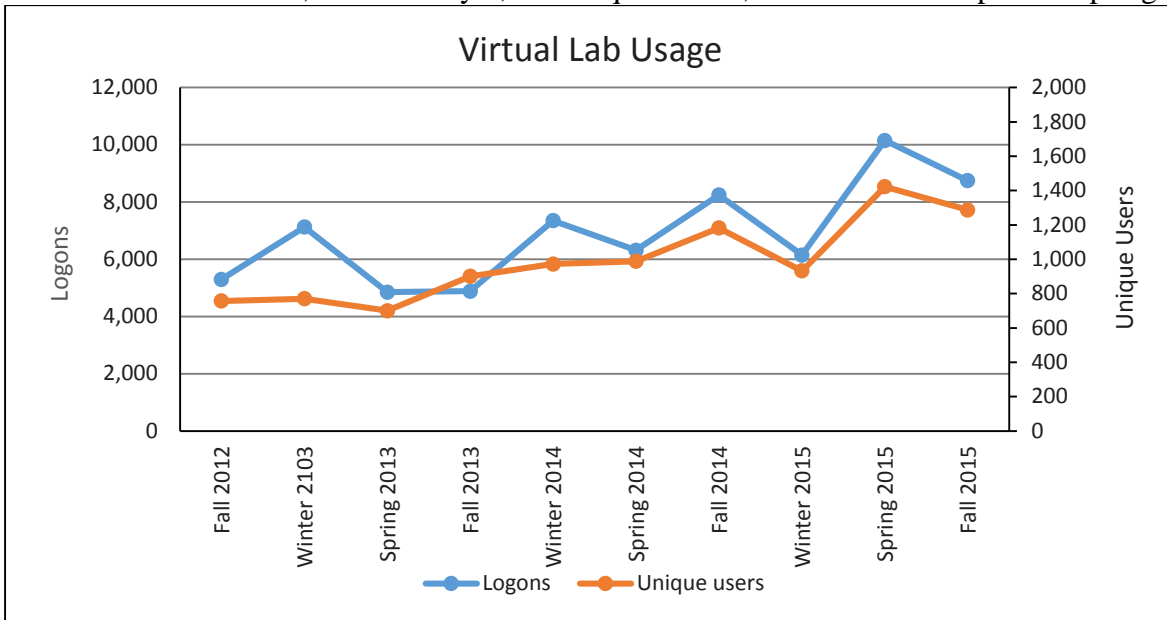
## Unique Users

The number of unique clients increased to 21,318 in Fall 2015. This is an increase of 1,075 clients from Spring 2015. 20,770 of the unique clients were students.



## Virtual Lab Users

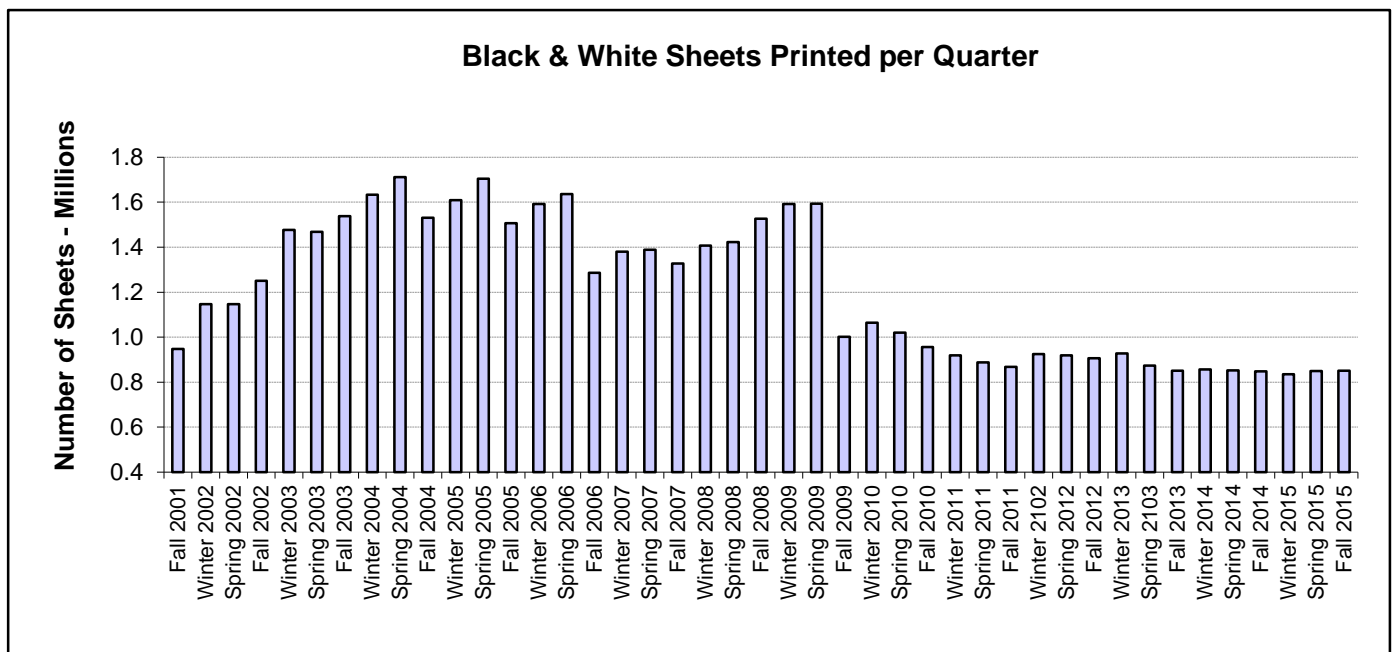
The IET Virtual Lab was used 8,747 times by 1,287 unique clients, both values a drop from Spring 2015.



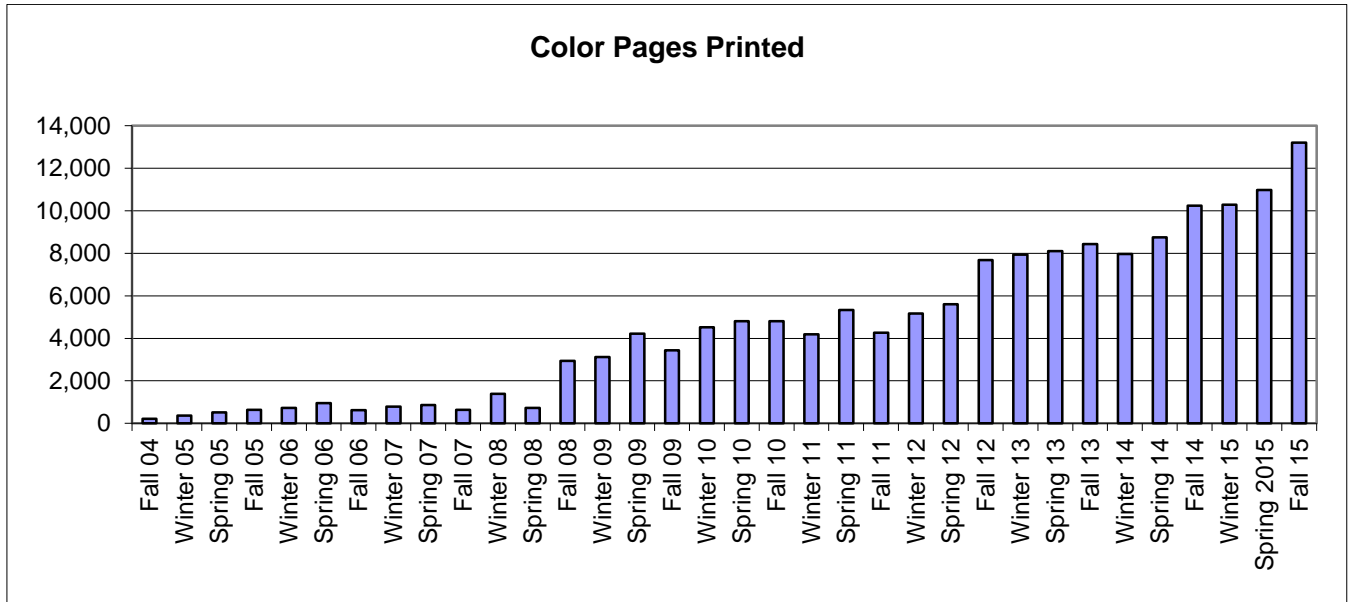
There were 1,109 denied connections to the virtual lab since there were no free stations. Most denied connections were during the day when there are only very limited number for computers available. The denied sessions dropped dramatically from Spring 2015 since CLM made more stations available during the day.

## Printing

The total sheets printed in Fall 2015 remained essentially constant at 850,867. The average sheets printed per client (of those who printed) was 47.43. The number of sheets printed per quarter dropped dramatically from 08-09 levels due to a new printing rate implemented in Fall 2009.



There were 13,205 color pages printed, an increase of 20.3% from Spring 2015. This was the largest number of color pages printed in CLM history.



There were 3,672 wireless print jobs, a decrease of 607 from Spring 2015. There were 486 unique clients who printed through the wireless printing system.

