

Winter 2008 Quarterly Report

Computer Lab Management

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Computer Lab Management (CLM) operates 17 computer rooms across the UC Davis campus. These consist of 11 computer classrooms, 4 open access labs, and 2 media rooms with a total of over 500 installed computers. Utilization of CLM services continued to be very high in Winter 2008. CLM recorded the highest number of total logins ever. The number of unique users dropped slightly from Fall 2007, but that is expected since the number of enrolled students dropped.

In the coming years, CLM expects more faculty members to adopt and integrate instructional technology into their classroom teaching. Consequently the demand for technology-aided and technology-focused classes will grow. Therefore, CLM is looking for ways to add computer classrooms or reconfigure existing rooms to add more computer stations. CLM is working on two long-term projects which should expand availability of CLM services.

The first project is the new Student Community Center (SCC) planned for construction during 2010. The CLM functions in Hart Hall will be moved to the SCC. We are taking this opportunity to evaluate the current space in Hart Hall and reconfigure the same square footage in the SCC to be more useful. The current plan allows for the creation of two additional computer classrooms in the SCC. CLM has outstanding requests for classes that we cannot fill each quarter. These two additional computer classrooms will allow us to meet those requests.

The second project is also related to Hart Hall. CLM manages the Hart Media Distribution Lab in 1101 Hart. ATS and Shields Library are investigating how to merge the video library in the Hart Media Distribution Lab with that in Shields Reserves. Both locations currently perform similar functions, which causes some confusion to our clients. We are still working on the details, but hope to have a plan in place during Spring 2008. The transfer of the Hart Media Distribution Lab functions to Shields Reserves will free space in Hart Hall (and in the SCC in the future) for more computers.

CLM continues to implement new instructional technologies in our rooms. During Winter 2008, CLM installed Teamspot in 1101 Hart. TeamSpot is a group collaboration system consisting of a computer connected to a large public display with each group member connected to the system via a laptop. TeamSpot facilitates group work by allowing members to share their screen, files and cursor between all group members' laptop. TeamSpot also allows each member to control the large public display computer. It allows groups to easily work on a common document. For more information and Flash demos go to <http://teamspot.ucdavis.edu/>. CLM also had Moobilenet installed in 1101 Hart to support Teamspot usage.

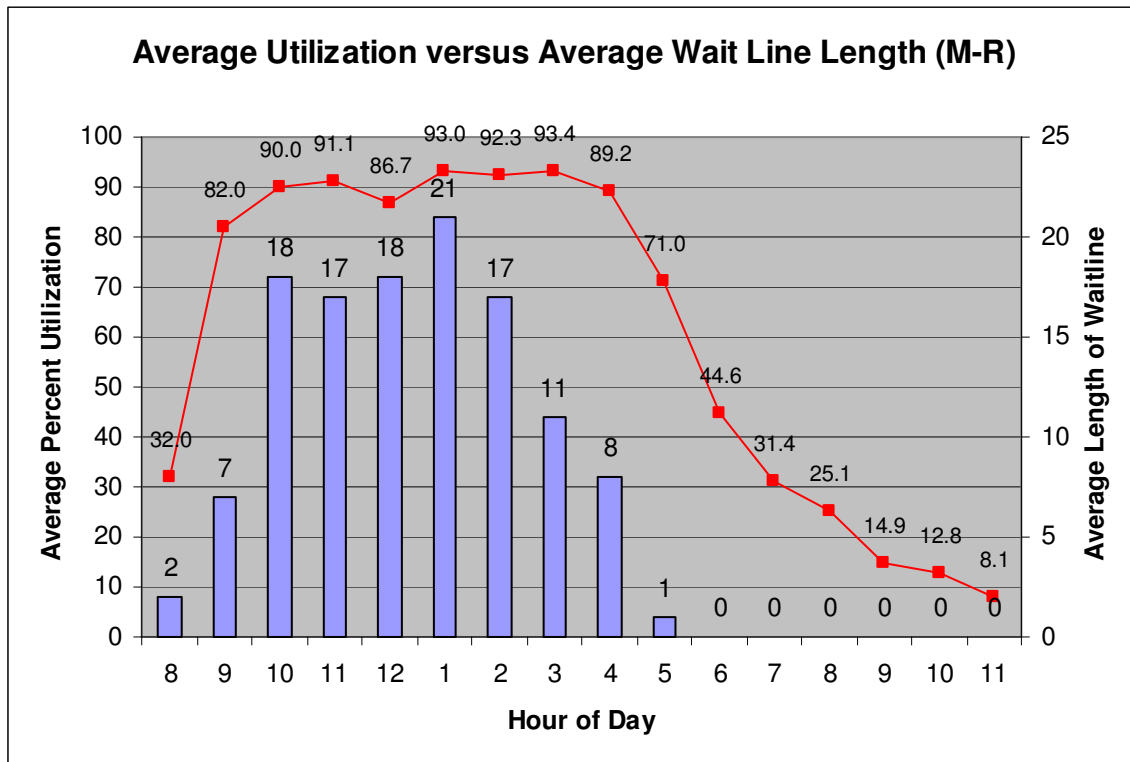
Statistical Summary

Utilization

Overall computer room utilization

Computer Lab Management operates 17 computer rooms at UC Davis. These computer rooms experience high utilization during peak hours (9:00 am to 6:00 pm). Most open access labs and some

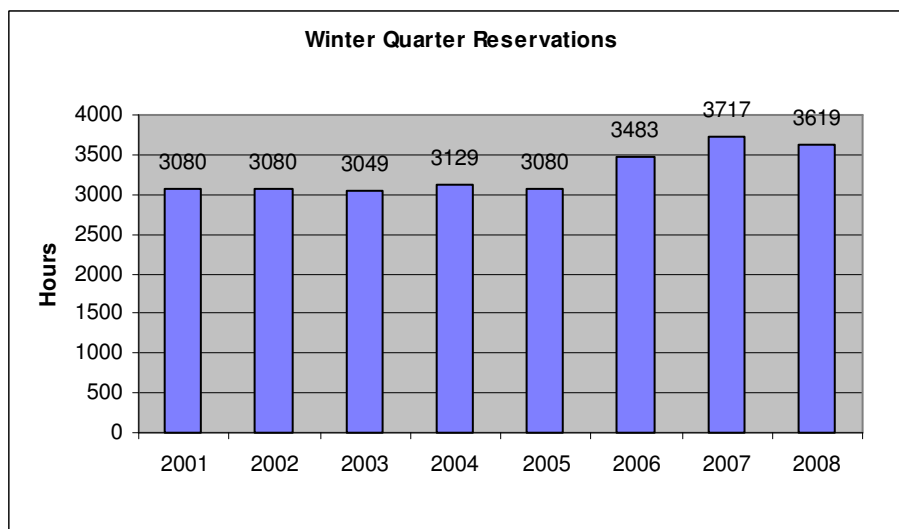
classrooms also experience long wait lines. The graph below combines utilization Monday through Thursday for CLM's 11 computer classrooms and 4 open access computer labs.



Utilization exhibits the behavior seen in past quarters, being highly impacted from 9am to 6pm with considerable evening utilization as well. The average wait line increased a bit from Fall 2007. The wait lines are averaged over the entire quarter, so the maximum wait line of 56 on February 26th is quite a bit higher.

Class Use

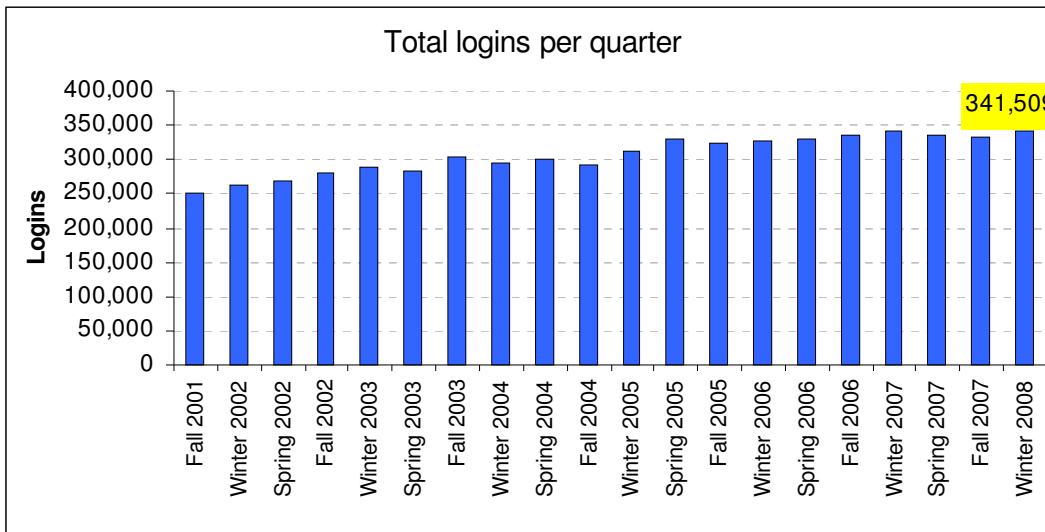
During the Winter 2008 quarter there were 3,619 class hours reserved in the computer classrooms. This is down slightly from the average of 3,720 during 06-07, but is more than the 3595 class hours reserved in Fall 2007. The likely reason for the decrease is that Technocultural Studies (TCS) opened their own departmental computer lab and shifted their classes there. TCS reserved CLM rooms for over 130 hours each quarter during 06-07, which is roughly the decrease in class reservations.



During Winter 2008 there were 103 class software installs and 94 class folders created.

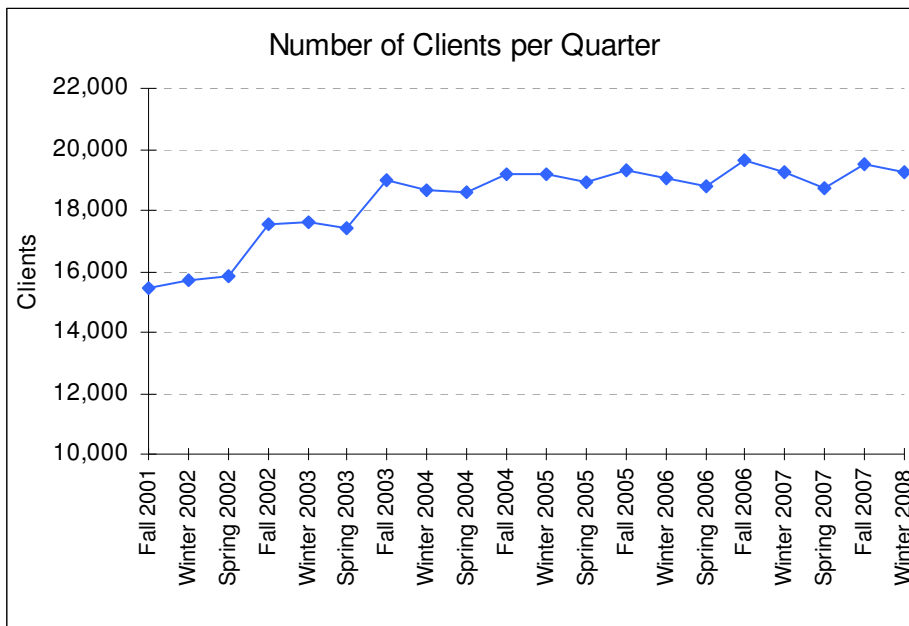
Number of Logins and Users

The total logins in Winter 2008 increased to 341,509. This is an increase of 9,651 over Fall 2007 and is the highest number of logins in CLM history.



Unique Users

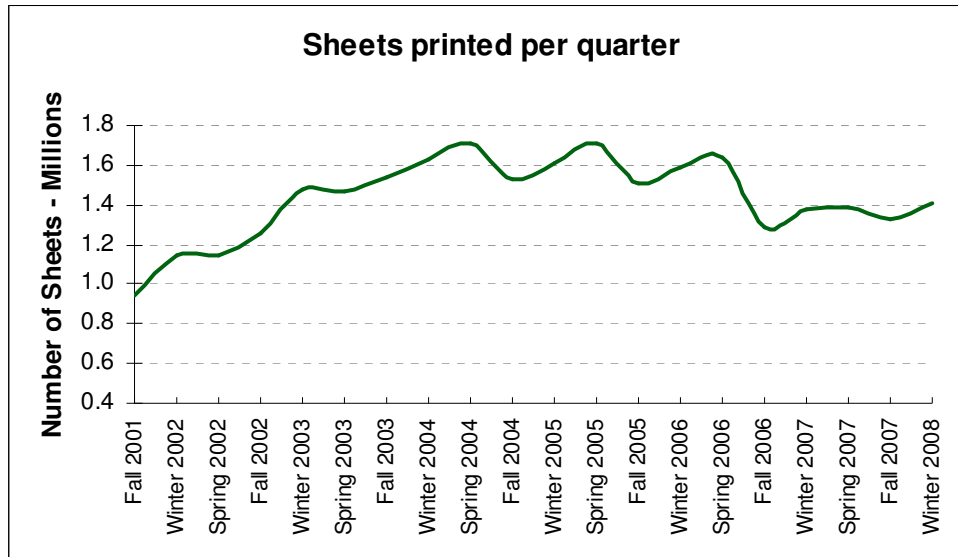
The number of unique clients was 19,276 in Winter 2008. Of these, 18,707 were students. The number of unique users decreased slightly from Fall 2007. This is normal as the total number of students at UC Davis typically drops from Fall to Winter quarter.



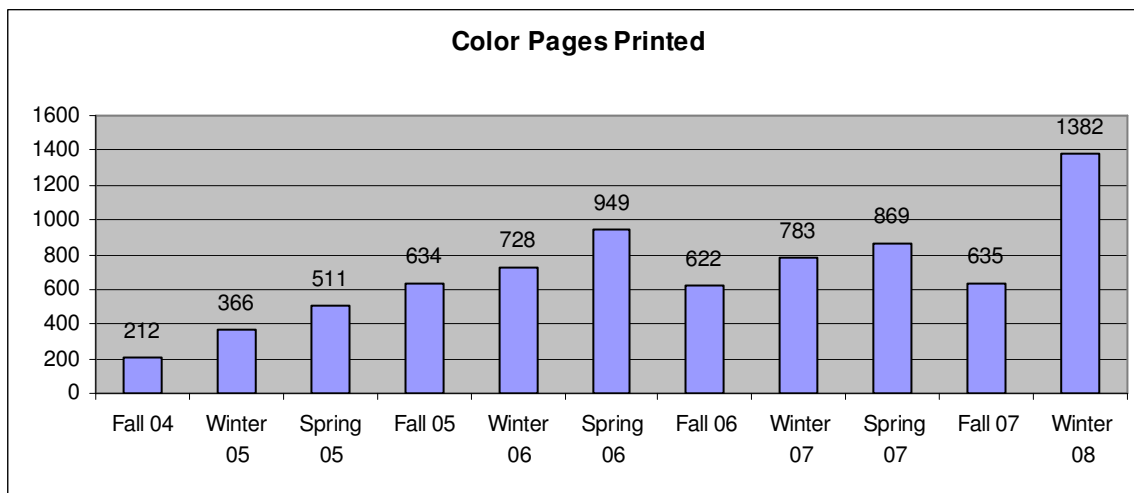
Printing

The total sheets printed in Winter 2008 increased slightly to 1,407,875, a 6% increase from Fall 2007. The average sheets per client (of those who printed) is 80.93. However, the total sheets printed per quarter is still lower than in the 05-06 academic year. The decrease from 05-06 was caused by a change

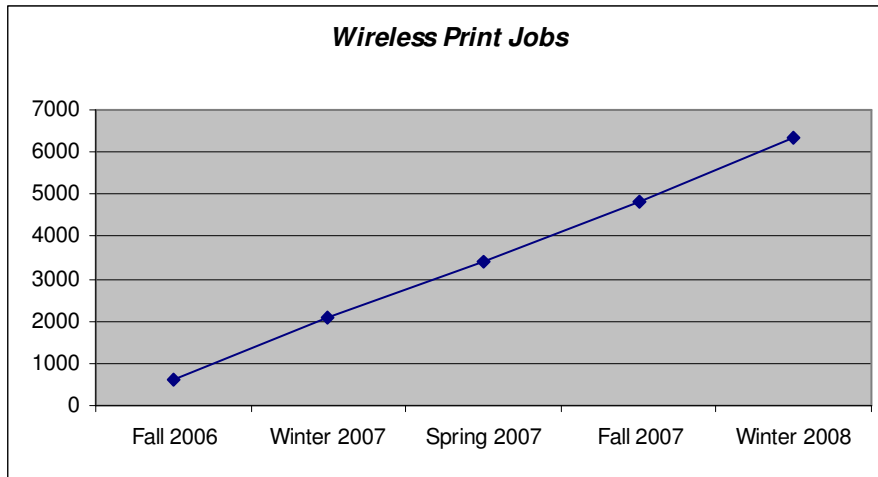
in the printing rates during Summer 2006. We expect the total sheets printed and average sheets per client to increase slowly over time as students realize that printing is still relatively inexpensive.



In addition, there were 1,382 color pages printed in the Meyer Media Lab. This was a large jump from Fall 2007 and is the largest number of color print jobs ever.

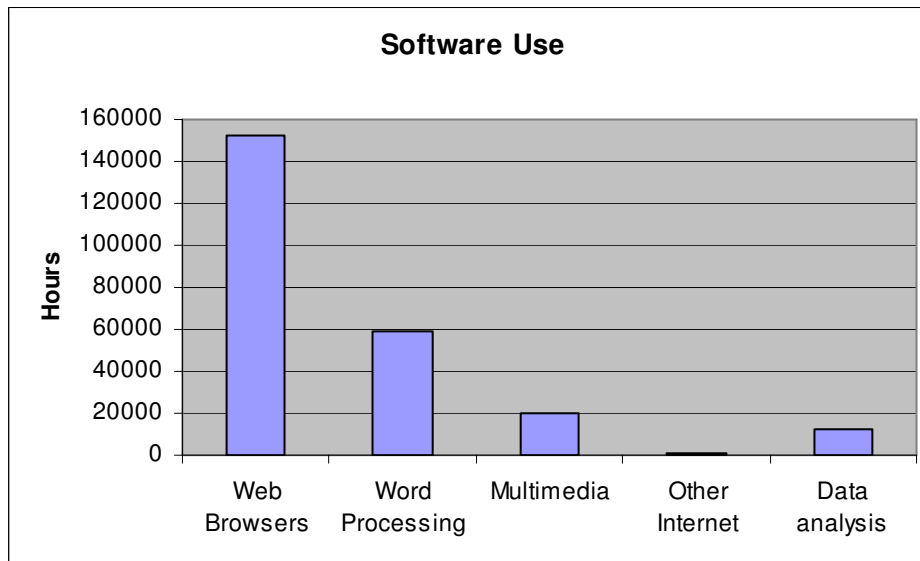


Wireless printing has been quite popular as this graph of wireless printing jobs shows. The number of wireless print jobs grew to 6,321. 642 unique clients printed though the wireless printing system during Winter 2008.



Software

During Winter 2008 web browsers outpaced all other software use and accounted for 62 percent of all software usage. Web browsers are used by students to access email, access materials on class web pages, and perform online research. Web browsers have become the primary way for students to retrieve instructor prepared materials.



Media Distribution Lab

The Hart Media Distribution Lab (MDL) holds class materials such as DVDs, video tapes, and slide sets for students and faculty to checkout and view in the facility. Faculty typically put these class materials on reserve at the MDL instead of the Library since the facility has VCRs, DVD players, audio players, and slide carrels permitting clients to check out and view the material in the same location. Additionally, there are 10 iMac computers dedicated for viewing computer-based instructional software modules. We have seen a decrease in checkouts which we attribute to faculty transitioning from recording lectures on audio tapes to using podcasting. The graph below shows how the growth in podcasting corresponds with a decline of checkouts in Hart. There are no more audio tape checkouts in Hart, so the remaining checkouts are mostly faculty reserving video tapes or DVDs to show in class.

