

## Engineering Student Technology Committee

Meeting Minutes for February 1, 2005  
Dean's Conference Room, 3:00pm

Present: Prof. David Alciatore (ME), Bryce Eldridge (ECE), Greg Elsaesser (Atmos), Ryan Fleming, *chair* (CE), Mike Floren (ChemE), Henrik Forsling (CE), Klaus Hartinger (ECE), Derek Johnson (ChemE), David Miller (ChemE), Mark Ritschard (ENS), Prof. David Wang (ChemE)

Absent: David Bryant (ME), Prof. Jeff Collett (Atmos), Darrell Fontane (CE), Kendra Gabbert (CE), Doug Hopper (ME), Amanda Kaiser (ME), Prof. Kevin Lear (ECE), Heidi Shray (ECE), Dr. Tom Siller (Academic Affairs), Luke Van Roekel (Atmos), Intra-departmental undergraduate (*two unfilled*)

### - Minutes

Minutes from the following meetings need review and approval by the committee: 10/6/04, 10/27/04, 12/1/04, 12/8/04. It was moved and seconded that the minutes for the 12/8/04 meeting be approved and the motion passed unanimously. Eldridge and Ritschard will recirculate minutes of the other three meetings via e-mail. Committee members should send corrections or approvals to Eldridge before the next meeting.

### - Printer Security

A better printer security system was completed on each of the lab printers over January. This completes a request made to ENS in November, 2003!

### - Lab Usage Statistics

Ritschard presented the lab usage statistics (attached) that were requested by the committee last year. The statistics are based on the number of card swipes to gain entry into the lab. Because each swipe probably represents more than one student entering the lab during busy hours, the graphs do not represent the actual number of students in the lab (despite being labeled as such). Ritschard indicated that ENS is working on a system to gather usage statistics for each computer to get a better idea of lab utilization.

### - Graduate Citrix Farm

In 2002-2003, a Graduate Citrix Farm was funded by the committee to serve the unique needs of graduate students using Sunrays. Unfortunately, the three servers making up the farm have seen very little use since inception. In general, only 1 or 2 students is using the farm at any time. Ritschard suggested that the Graduate Citrix Farm be decommissioned and the three servers be used to solve the problem in the next discussion item.

- Microsoft Office in the Internet Cafe

Since Microsoft Office was removed from the Virtual Lab last fall, the Sunrays in the Internet Cafe do not provide Microsoft Office. Because students would like MS Office in the Cafe, Ritschard suggested that the three decommissioned Graduate Citrix farm servers be reallocated to serve the college Sunrays. The Sunrays would then have a dedicated suite of servers that would have Microsoft Office. All Sunrays, including those in the Internet Cafe and the Electronic Classroom (C211), would then have access to MS Office. Alciatore moved and Miller seconded that the Graduate Citrix Farm be decommissioned and be reallocated as the Microsoft Windows servers for Sunrays so that Microsoft Office will be available. The motion passed unanimously. Ritschard estimated about two weeks for the change and the committee requested the note on the Virtual Lab regarding Microsoft Office be changed to reflect the new Sunray status.

The committee also requested that ENS continue to gather statistics for entries to the Internet Cafe. The information should help provide at least some indication as to whether adding MS Office access back to the Sunrays will increase use of the Cafe.

- Custom Smart Cards & new card readers

Last year's committee requested a quote for customized smart cards and associated new card readers for Engineering. Ritschard reported that the project will cost in the tens of thousands for the new card readers alone. The committee agreed that there is little benefit to customized smart cards and that the cost is prohibitive. The idea was killed by consensus.

- Scholarship Criteria

Several ideas were suggested for scholarship criteria for graduate students. The next meeting will be dedicated to this topic.

- Virtual Lab Use by Faculty

Prof. Lear requested that the committee consider permitting faculty access to the Virtual Lab. This is sometimes needed so that professors can either utilize the student software in their offices or display student software during a presentation outside of the Engineering College. Based on the above changes to the Citrix Farm for Sunrays, it was noted that faculty will now have access to the servers that serve the Sunrays. The committee also noted that departments could pay for department access of individual faculty members should it be needed. Alciatore moved and Forsling seconded that faculty not be give access to the Virtual Lab without cost sharing from the department or faculty member. The motion passed unanimously.

- Future Agenda Items:

Scholarship Criteria

PhotoShop and Dreamweaver in the labs (Dan Herrick, ENS Lab Manager, would like to present this item)

Possible CFT manual changes (due by 3/4/05)

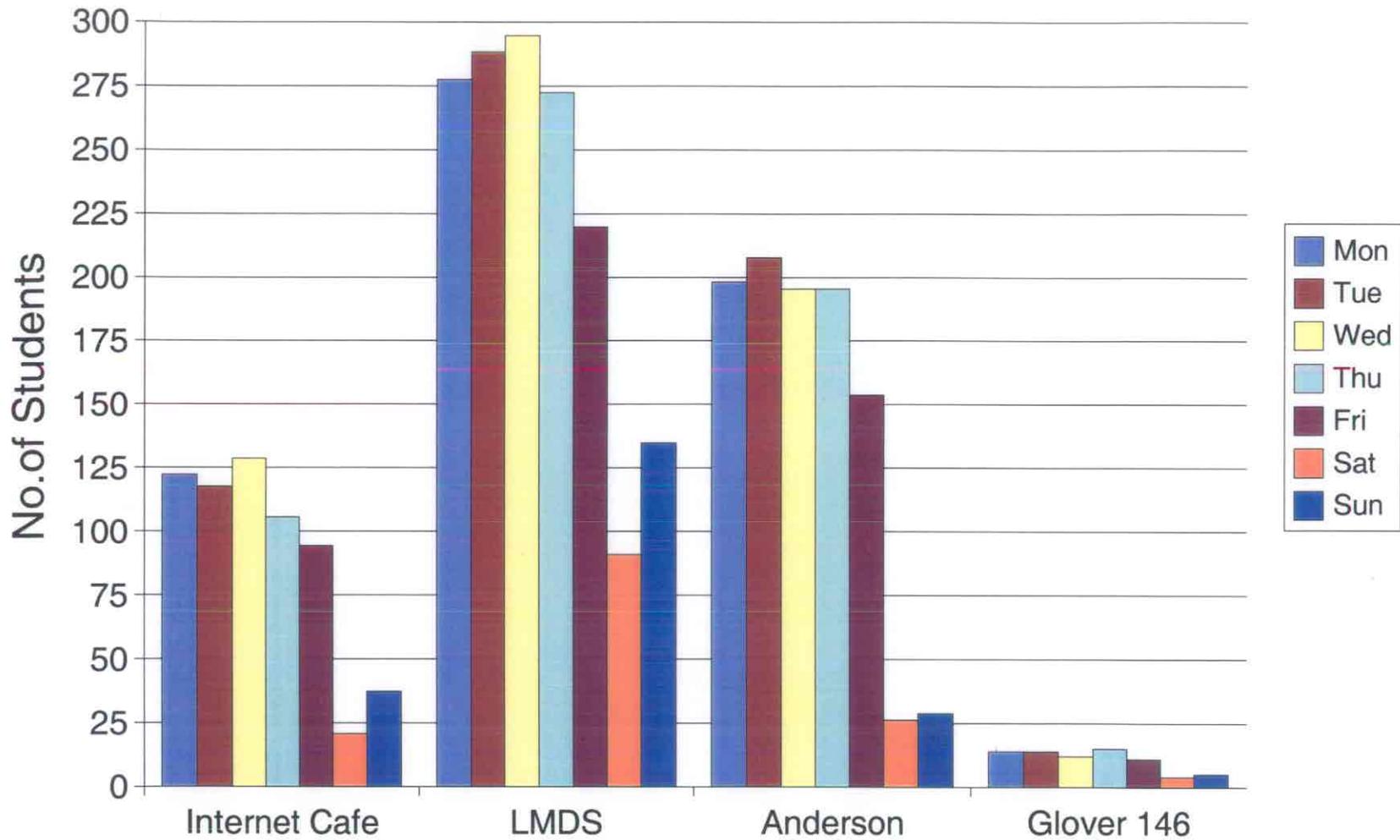
Smart Boards for Cafe, GIS lab, and Electronic Classroom?  
Funded Equipment Review  
Set Budget for 2005-2006  
Converting Anderson Lab to an Electronic Classroom

- Next Meeting

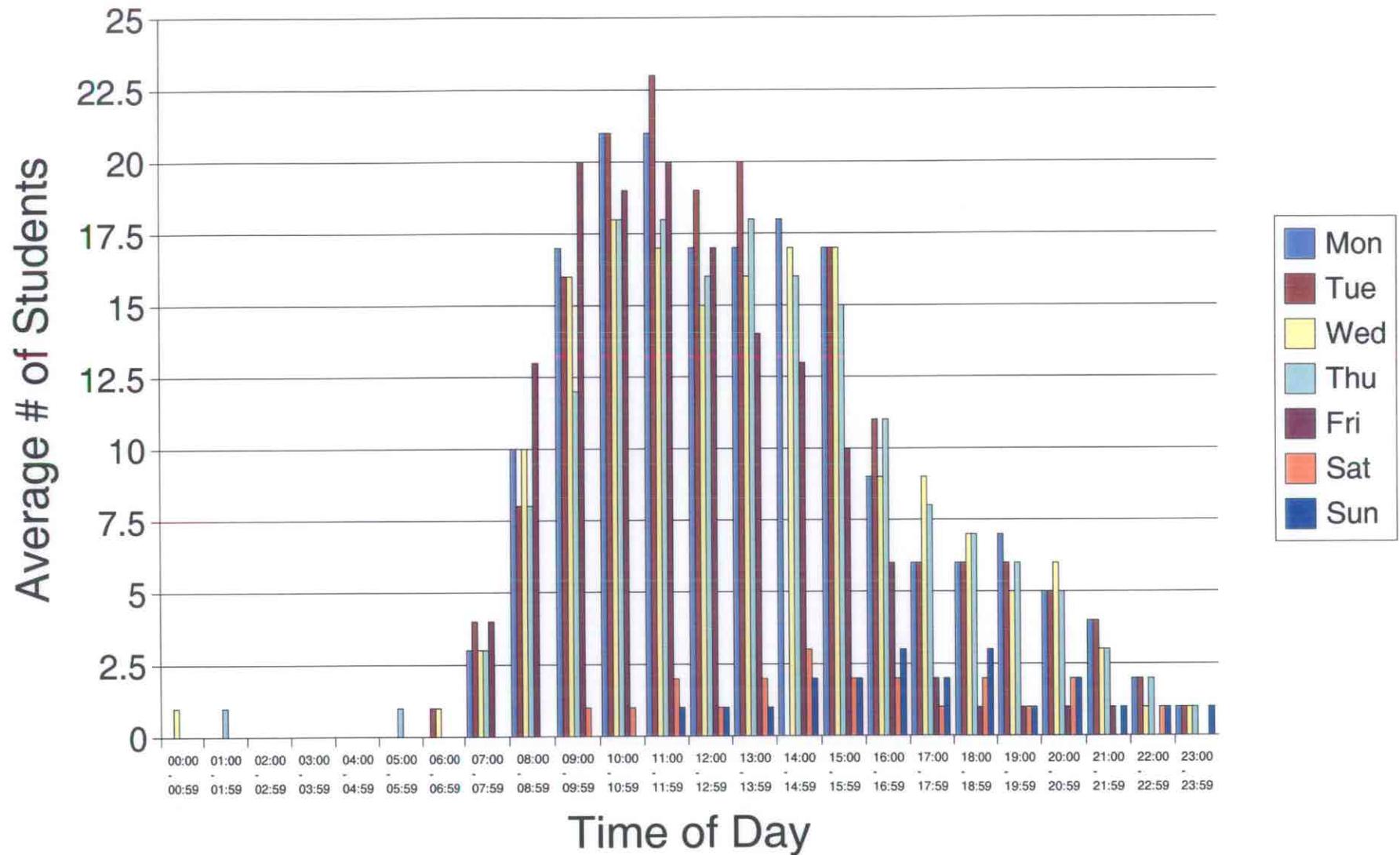
Thursday, February 17, 2005 at 8:00am in the Engineering Dean's Conference Room

Submitted by  
Mark Ritschard

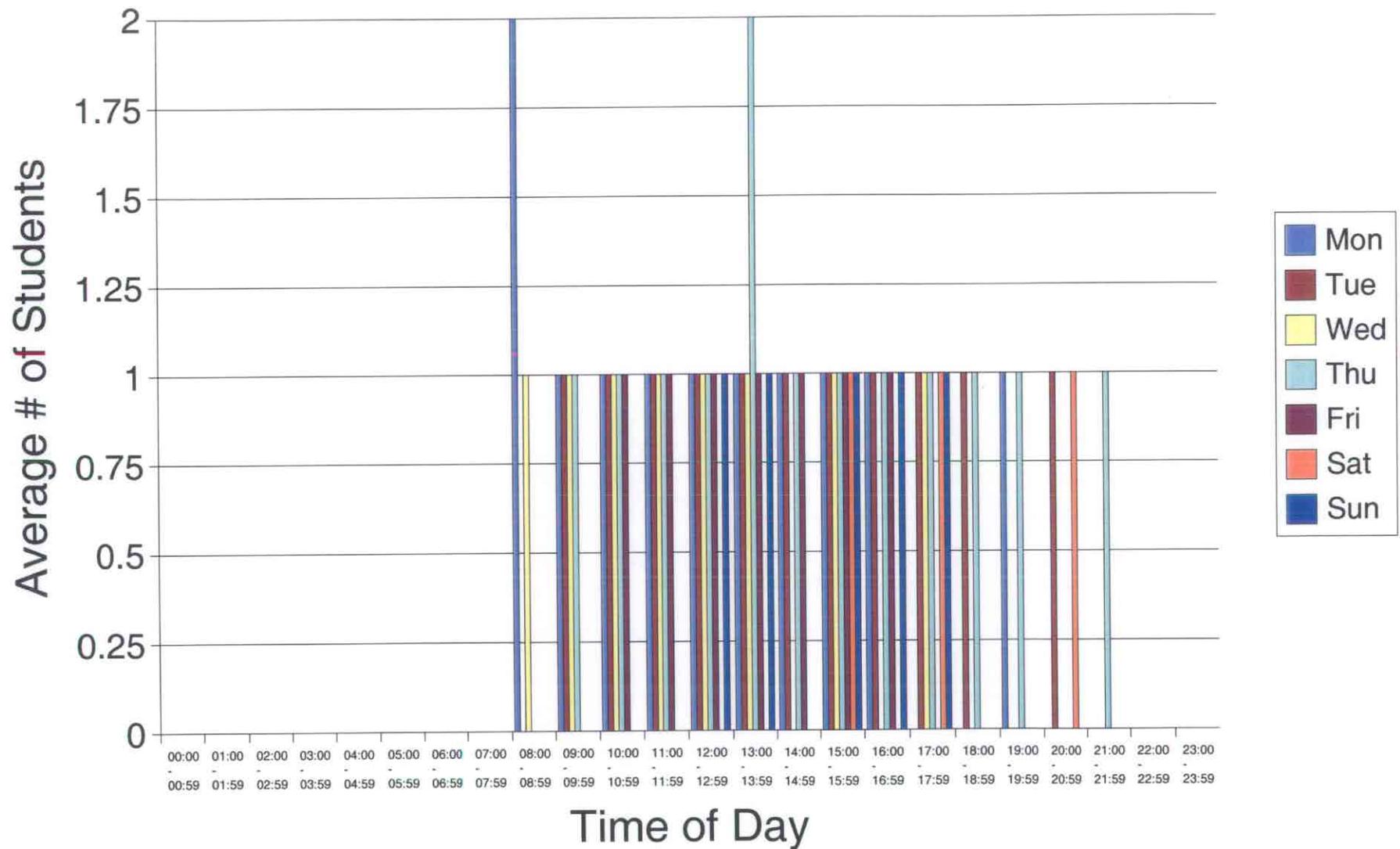
# Usage Statistics of Various Engineering Labs



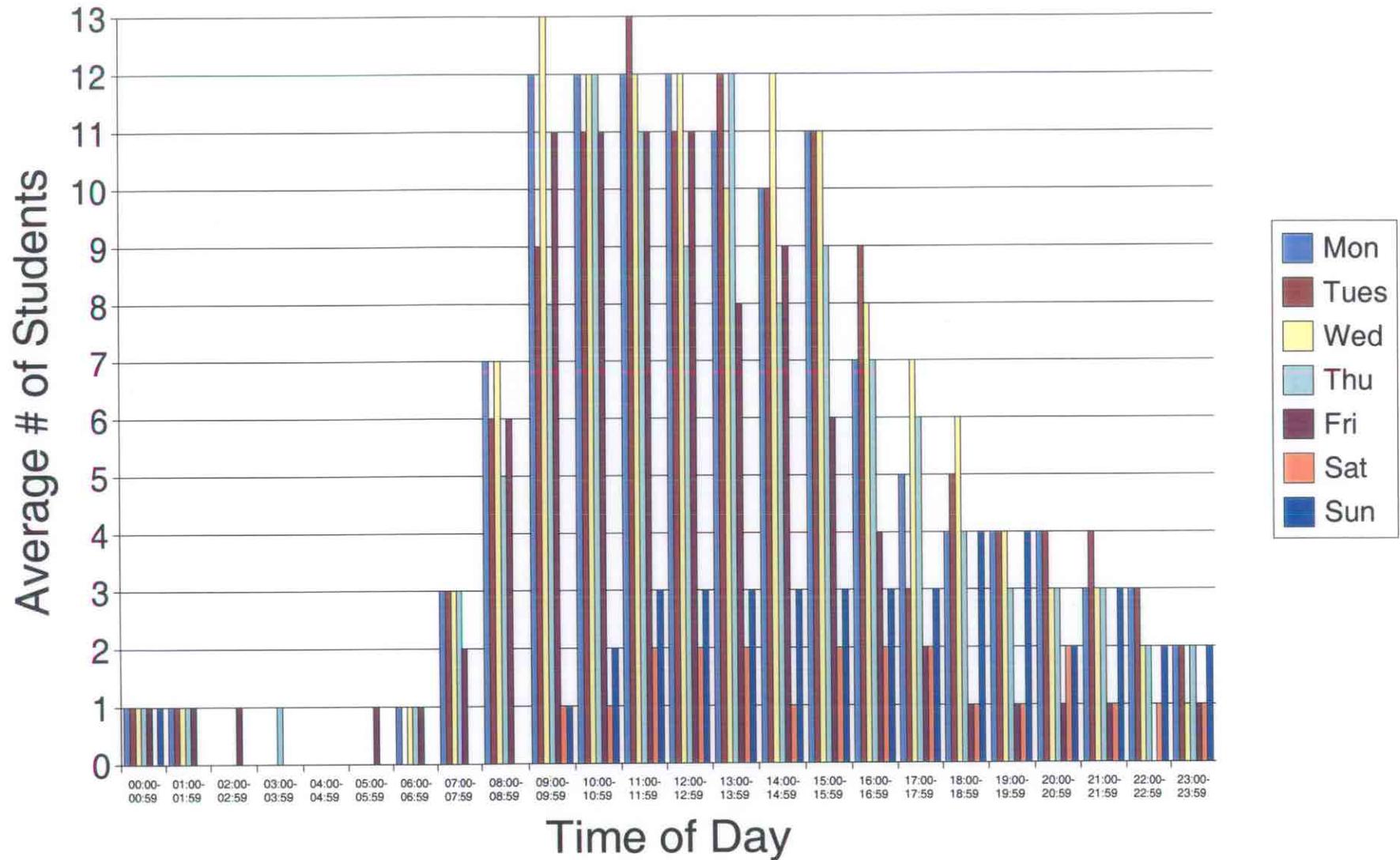
# Daily Usage Statistics for Anderson Lab



# Daily Usage Statistics for Glover 146C



# Daily Usage Statistics For Internet Cafe



# Daily Usage Statistics For LMDS

