



## Instructional & Electronics Support Groups Staff and Services

### ISG/ESG

The **EECS Instructional Support Group (ISG)** and **Electronics Support Group (ESG)** provide technical services for the EECS instructional labs, audio-visual and multimedia devices, electronics, PCs and Macs. Services for the instructional labs are funded from state instructional sources. Services for the department and for research groups are funded from departmental and recharge sources.

<b>Offices and Staff:</b>	377 Cory    642-7481	ESG: Ming Wong, Pete Caragher, Winthrop Williams, Doug Williams
	380 Cory    642-6952	ESG: Ferenc Kovac
	333 Soda    642-1637, 642-9543	ISG: William Chen, Marcelino Enriquez
	377 Cory    643-2955	ISG: student
	384 Cory    643-6096	ISG: Linda Huang, student
	386 Cory    643-6138, 642-7938	ISG: Camij Toschian, Pathma Venasithamby
	378 Cory    643-6141	ISG: Kevin Mullally

**Resources:** See <http://inst.eecs.berkeley.edu/labs.html> for the names and locations of servers and labs

	<b>Computers:</b>	<b>Access:</b>
<b>Solaris SPARC</b>	9 Sun Enterprise servers 90 SunRay xterminals in 271,273,277 Soda, 199 Cory	ssh 24-hr access
<b>Solaris x86</b>	8 Intel Pentium login servers 7 Intel Pentium application servers 30 Sun/AMD and DELL/Intel PCs in 275 Soda	ssh homedirs, WEB, email, dumps 24-hr access
<b>Microsoft Windows</b>	6 Intel Pentium application servers 29 Sun/AMD W1100z PCs in 330 Soda 17 Intel Pentium PCs in 199 Cory 140+ Intel Pentium PCs in 105,111/117,119,125,140,140J, 204A,218,353 Cory	Remote Desktop, IIS, video streaming 24-hr access multimedia authoring; 24-hr access reserved for certain classes
<b>Linux</b>	3 Intel Pentium login servers 12 Intel Xeon workstations in 353 Cory	ssh reserved for certain classes
<b>MacOS</b>	30 MacPros in 200 Dai Hall 10 Mac G5s in 349 Soda 2 Mac G5s in 199 Cory	reserved for certain classes 24-hr access multimedia authoring; 24-hr access
<b>electronics labs</b>	in 105,119, 125,140,140J,218,204A ,353 Cory	reserved for certain classes
<b>remote access</b>	see <a href="http://inst.eecs.berkeley.edu/connecting.html">http://inst.eecs.berkeley.edu/connecting.html</a> for information about remote access	



### EECS Instructional Computing Facts

We support computer accounts for about 5300 students in 100 courses each semester. We offer permanent computer accounts to about 1600 EECS majors while they are enrolled. (Enrollment in EE and CS classes peaked at 6200 in Fall 2000.) We support about 415 workstations in 16 labs for students in EE and CS courses labs each semester. The ratio of students to workstations is about 12:1. Typically, each student is issued at least 500MB of disk space for storage of files and projects for classes. Each student has an email address and a WEB site address on our servers. The budget for salaries and equipment from state and departmental sources is \$437,000 in FY 09-10, which averages to about \$41 per student per semester. In addition, we often receive generous equipment and software grants.

Remote login access is available to the students at all times. Course-related software for home computers can be obtained by students for free. EECS Instruction provides some common EECS programs free to EECS students, often downloadable. The campus computing services provide common desktop software on the [Connecting@Berkeley](mailto:Connecting@Berkeley) CD (also downloadable).

### EECS Departmental Computer Accounts

EE and CS faculty, grad students, staff and visiting scholars can obtain an "EECS Departmental" (research) computer account, which includes UNIX and Windows computer accounts, an IMAP email account, calendar, shared software and other server-based services. The services are described in <http://idsg.eecs.berkeley.edu/>. These accounts are funded by a recharge fee. The Departmental accounts are accessed from workstations in offices and research labs in Cory and Soda Halls. The accounts are not available to students who are not EE or CS post-graduates. Eligible users can ask the systems administrators of their research group or CUSG to help them obtain an "EECS Departmental" account.

### Instructional Computer Accounts

Students in EE and CS classes are eligible for "EECS Instructional" computer accounts. These are distinct from the "EECS Departmental" computer accounts, with different passwords, labs, printers and mail server. Instructional "class" accounts are often distributed in class by the instructor, are configured for specific class software and expire at the end of the semester. Classes that do not need specialized accounts use the Instructional UNIX "named" accounts, which students request using the "newacct" (password: 'newacct') login utility. All EECS and CS undergraduates are eligible for Instructional "named" accounts that will not expire until after they graduate.

### CUSG

The **Computer User Support Group** (CUSG) is an EECS group that supports research and departmental computers, such as for systems in one's office. These services are typically funded by recharging the user. The main office of CUSG is in 395 Cory (642-8633, [cusg@eecs](mailto:cusg@eecs)).

### Additional Computer Resources on Campus

Additional facilities are available from the **Information Systems and Technology** (IS&T) group. IS&T provides user support and consulting at User Services, 206 Evans, (642-7355) and at the Student Computer Consulting Service, in the Cesar E. Chavez Student Center (formerly the Golden Bear Center) in Lower Sproul Plaza.