EECS Instructional and Electronics Support
Department of Electrical Engineering and Computer Sciences

EECS Instructional Computing and Labs
Instructional Support Group & Electronics Support Group

ISG/ESG

The **EECS Instructional Support Group** (ISG) and **Electronics Support Group** (ESG) provide technical services for the EECS instructional computers, labs, electronics, instrumentation, and audio-visual facilities.

Offices and Staff:			
	377 Cory	642-7481	ESG: Ming Wong, David Au, Xiaoman Wu, Michael Nguyen, Jesse Mills
	380 Cory	642-6952	ESG: Katherina Law
	333 Soda	642-9543, 642-1637	ISG: Marcelino Enriquez, Mick Santos
	384 Cory	643-6096	ISG: Linda Huang
	386 Cory	643-6138	ISG: Steven Luo
	378 Cory	643-6141	ISG: Finsen Chiu

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

	Computers:	**Access:**
Linux	12 Intel Xeon login servers – CentOS (eda*)	SSH, x2go (bSecure VPN)
	8 HP Xeon login servers – Ubuntu (Ashby, etc)	SSH, x2go (bSecure VPN)
	8 VM servers – Ubuntu	SSH (bSecure VPN)
	130 Intel NUC workstations in 271, 273, 275, 277 Soda	Reserved for certain classes
	30 Dell 9020 GPU workstations in 330 Soda	Reserved for certain classes
	30 Lenovo P330 workstations in 200 Sutardja Dai	Reserved for certain classes
Microsoft Windows	4 Xeon login servers – Windows 2016 (wserver*)	Remote Desktop (bSecure VPN)
	6 Dell workstations in 199 Cory	Open access for EECS students
	140+ ZT or Lenovo workstations in 105, 111/117, 119, 125, 140, 204, 218 Cory	Reserved for certain classes

Electronics labs	111/117, 119, 125, 140, 144E, 204, 218 Cory	
Recording Studio	144MB Cory	Contact esg@eecs
Innovation Lab	246 Cory (Supernode)	Contact esg@eecs
Student Workshop	297 Cory	Contact esg@eecs
Remote access	see https://inst.eecs.berkeley.edu/connecting.html for information about remote access	

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EECS Instructional Computing Facts

We support computer accounts for about 17200 students in over 110 courses each semester (where a student in 2 classes is counted twice), and for about 2050 EECS majors.   Enrollment in EE and CS classes has increased by 250% since 2009. We support about 400 workstations in 16 labs for students in EE and CS courses. The ratio of individual students to lab seats is about 22:1. Often, students bring their own laptops. Typically, each student is issued at least 4GB of disk space for storage of files and projects for classes. Each student has a WEB site address on our server. Remote login access is available to the students at all times. A large selection of course-related software for home computers can be obtained by students for free.

Resources for the instructional labs are funded by the department from state 19900 funds that are distributed by the College of Engineering. There are lab fees for a few classes. In addition, we often receive generous equipment and software grants. The department funds 10 career staff (ISG and ESG) to support the instructional computers and labs facilities.

Instructional Computer Accounts

Students in EE and CS classes are eligible for free "**EECS Instructional**" computer accounts. These are distinct from the "**EECS Departmental**" computer accounts (below), with different passwords, labs, printers and mail server.   Instructional "**class**" accounts are configured for specific class software and expire at the end of the semester. Classes that do not need specialized accounts can obtain Instructional "**generic**" (also called "named" or "cs199") accounts. Students request accounts and related services using our WebAcct utility (https://inst.eecs.berkeley.edu/webacct).   All EECS and CS undergraduates are eligible for Instructional "generic" accounts that will not expire until after they graduate.

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://iris.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.

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 (642-7777, help@eecs, https://iris.eecs.berkeley.edu/05-helpdesk).

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, http://ist.berkeley.edu/support/service-desk/, (510-642-8500) and at the Student Computer Consulting Service, in the Cesar E. Chavez Student Center (formerly the Golden Bear Center) in Lower Sproul Plaza.