SCHOOL OF INTERNATIONAL RELATIONS

UNIVERSITY OF SOUTHERN CALIFORNIA

GRADUATE PROGRAMS

1998-2000

Academic Computing

The World Wide Web, interactive multimedia, distance learning, video conferencing, web-based training and technology-enhanced classrooms are changing the way we teach and learn. Traditional lecture-based classes are enhanced with dynamic, engaging multimedia presentations. Interactive, hands-on methods—such as case studies and Internet-based simulation games—provide opportunities to develop job-related skills as well as to apply theories and facts. Course requirements are no longer limited to test and term papers, but may include creative, team-based, interdisciplinary projects such as student web sites. Computer literacy for graduating students means knowledge of wordprocessing, spread-sheet, database, statistical and presentation programs as well as how to navigate the Internet and even to create basic web pages. The School of International Relations recognizes that our students must not only achieve academic excellence, but must also be prepared to work in a rapidly-advancing, high-tech, internationally-connected world. We are committed to meeting these educational challenges.

As a first step toward meeting these goals, the School of International Relations encourages all IR students activate their university computer account and learn how to use email and the World Wide Web. (Computer accounts are automatically created for enrolled students and can be activated through a simple, web-based form in one of five public computing areas on campus.) The School's Technical Consultant, Kathy Matthes, provides individual and group Internet training sessions each semester.

Kathy, who has a Masters of Science in Education (MSED) in Instructional Technology from the USC School of Education, is dedicated to exploring new educational technologies, working with faculty to develop innovative teaching methods, and training our students to meet the demands of a rapidly evolving electronic community.

Last academic year Kathy designed and authored the School of IR's web site (http://www.usc.edu/dept/LAS/ir). This year her goal is to work with the IR faculty to develop course web pages and to train students on how to create class web projects. Working with Professor Dan Lynch, she will also be implementing a new web-based international negotiation conferencing simulation for undergraduate students in conjunction with the University of Michigan, which will be housed at USC in spring 1998.

The School of IR and Department of Political Science operate a joint computer teaching lab. Unlike other public computer areas on campus, our lab is available only to IR and POSC graduate students and students in IR classes that utilize the Lab. It provides 16 Compaq Pentium II computers, all with high speed Ethernet connections to the Internet and a wide range of current software. The Lab provides free laser printing and full-page, color, image and text scanning.

The lab, specifically designed for teaching, enables IR faculty to provide hands-on training to their students for spreadsheet, statistical, simulation, presentation and web authoring programs. IR graduate students may take their core and field exams on the lab computers.

The School of IR is committed to providing you with the computer skills that you will need to compete successfully in tomorrow job market.

University Computer Services

USC has invested heavily in making sure that every student has easy access to high-end Macintosh, Windows, and UNIX workstations.

All public user-area Windows machines are Pentium-based models, all Apple machines are Power Macs, all Sun workstations are SPARC 4s or 5s, and all Silicon Graphics machines are Indy 4600s. Monitors, too, are state-of-the-art: most are 17-inch, color models.

Three public user rooms are open 24 hours a day during the academic year on the University Park Campus. Cordless phones are on hand, so users can call University Computing Services computer consultants right from their workstations. Other user-room features are:

- Installed software, including Internet and Web-publishing tools; popular word-processing, database, graphics and spreadsheet programs; courseware and other course-specific applications.

- Connections to USCnet, the campus high-speed network, providing access to laser printers, time-sharing systems, file and compute servers, and the Internet.

- Image-scanning equipment.

Students who wish to connect to the university network by modem can download free Point-to-Point Protocol (PPP) software in the public user rooms and instructions for quick installation (a minimum 14,400 baud modem is required).

In addition, Leavey Library's *Adventures in Information* series offers free computer classes each semester for PC, Macintosh and Unix platforms. These non-credit classes provide instruction from basic to advanced level computer software usage as well as Web publishing, statistics and research. For more information, see http://www.usc.edu/go/adventures/.

School of International Relations

University of Southern California

Graduate Programs

Academic Computing

With the advent of electronic communications, the Internet and the coming information superhighway, as well as new interactive media, traditional methods of education are being challenged and revised. Computer literacy for students and faculty no longer means adequate wordprocessing skills; course requirements are no longer limited to traditional tests and term papers; and passive, lecture-based instruction delivery is rapidly being replaced by interactive methods, such as case studies, Internet-based simulation games, and interactive multimedia courseware. The School of International Relations has made rapid progress toward investing in these technological and educational advancements.

Thanks to the insight and efforts of the former Dean of Social Sciences & Communications, Carol Nagy Jacklin, and successful proposals from the School of IR and Department of Political Science, our new joint IR/Political Science Computer Lab opened in February 1994. The lab has sixteen 486 PCs running on a Novell network; each computer has an Ethernet connection to the USCnet, which provides access to the campus computing facilities, USCInfo, USC Gopher and the Internet. The lab provides free printing to its IR/POSC users as well as access to a full-page image and text scanner, recently donated by the Political Science Department.

The lab is specifically designed for teaching. IR and Political Science classes that require the use of computer programs are held in the lab where the overhead projector can be used to demonstrate and train students on spreadsheet, statistical, simulation and graphics presentation programs. Several faculty members have begun to modify their syllabi to include lab usage and computer projects. IR graduate students may take their core and field exams on the lab computers.

In addition, the lab hosts a series of training sessions for IR faculty, staff, and students. Topics include basic email usage, Gopher and Internet resources, USCInfo and Internet library resources,

and Microsoft Excel, SimStat, and Lotus Freelance Graphics.

We encourage all students to obtain a university email account and provide individual and group training sessions on basic email usage as well as information about the Internet and its resources. The *School of IR Email Directory* continues to grow and build a network of enthusiastic IR students who are exploring the resources of the Internet and sharing the information with their colleagues. Many of the IR professors now require their students to use email for class assignments.

The School was one of the first departments on campus to have a section on the University's new Campus-Wide Information System (CWIS)—more affectionately known as the USCGopher. Anyone who has access to the Internet or a Gopher system can obtain on-line information about the School, such as news and announcements, phone directories, faculty profiles, degree programs and curriculum, schedule of classes, admissions and financial aid, student organizations and CIS seminar announcements.

We look forward to exploring new technologies, developing innovative teaching methods, and training our students to meet the demands of a rapidly evolving electronic community.

USC offers one of the richest, most diverse computing environments to be found at an academic institution. University Computing Services (UCS) supports three main public user computer facilities (and several smaller facilities) which are available to users 24 hours a day, seven days a week. The Microcomputer Consulting Group provides walk-in, phone and remote technical support as well as free hands-on workshops during the academic year.

Microcomputing
The public user areas provide both IBM PS/2 and Macintosh microcomputers which are connected to Novell or Apple LocalTalk Networks. Available software includes: word processing, spreadsheet, database, communication, statistical and simulation packages, and major programming languages and compilers.

Networks
USCnet is part of the global Internet network and links USC to local, regional and global networks (e.g., Internet, USEnet, UUCP and BITnet) through Los Nettos, a regional network of Southern California educational institutions and businesses, which includes Cal Tech, UCLA, Hughes Aircraft and the RAND Corporation.

Remote (modem) dial-up access at 300, 1200, 2400, and 9600 baud is supported through the Micom network; high-speed (14,400 baud and above) dial-up access with SLIP-PPP is also available.

Electronic Mail
Email accounts are available to USC students for a $4.95 application charge and provide access to the on-line library system, USCInfo, USCGopher, and Unix, which includes FTP, Telnet, Archie, Veronica, WAIS, and WWW/Mosaic services to Internet resources.

School of IR Computer Lab
The School of IR maintains a second, 24 hour, 7 day a week computer lab in the Von KleinSmid Center for IR students, which provides wordprocessing, statistics and simulation programs and free laser/dot matrix printing.

The School of
International Relations
at
The University of
Southern California

Graduate Programs

Academic Computing

With the advent of electronic communications, the Internet and the coming information superhighway, as well as new interactive media, traditional methods of education are being challenged and revised. Computer literacy for students and faculty no longer means adequate wordprocessing skills; course requirements are no longer limited to traditional tests and term papers; and passive, lecture-based instruction delivery is rapidly being replaced by interactive methods, such as case studies, Internet-based simulation games, and interactive multimedia courseware. The School of International Relations has made rapid progress toward investing in these technological and educational advancements.

In February 1994, the School of International Relations and the Department of Political Science created a joint IR/POSC Computer Teaching Lab in the Von KleinSmid Center. The Lab, available only to IR and POSC graduate students and students in IR classes that utilize the Lab, provides 16 PC workstations running on a Novell network and two Macintosh Performa computers. Each computer has an Ethernet connection to the USCnet, which provides direct access to the campus computing facilities and the Internet. The Lab provides free printing as well as access to a full-page image and text scanner.

The lab is specifically designed for teaching. IR and Political Science classes that require the use of computer programs are held in the lab where the overhead projector can be used to demonstrate and train students on spreadsheet, statistical, simulation and graphics presentation programs. Several IR faculty have begun to modify their courses to include Internet and computer-based projects. IR graduate students may take their core and field exams on the lab computers.

The School *highly recommends* that all IR students to obtain a university Unix (email) account. The School of IR provides individual and group Internet training sessions on email, ftp, telnet, gopher and its various search tools, the World Wide Web, and USCInfo for research purposes.

As a follow-up to these sessions, an *IR Internet Handbook* is being developed, which will provide step-by-step instructions for how to use email and the Internet tools. Ph.D. student (and 1994-95 lab consultant) Surupa Gupta has compiled an *IR-Related Internet Directory*, which lists ftp, telnet, gopher and World Wide Web sites, and will be available in September 1995, both in booklet form and on-line. The *School of IR Email Directory* continues to grow and build a network of enthusiastic IR students who are exploring the resources of the Internet and sharing the information with their colleagues.

The School was one of the first departments on campus to provide information on-line via the USCGopher (gopher://cwis.usc.edu), and the School's World Wide Web Home Page is currently under construction.

Our resident Technical Consultant/Instructional Technologist, Kathy Matthes, is dedicated to exploring new educational technologies, working with faculty to develop innovative teaching methods, and training our students to meet the demands of a rapidly evolving electronic community.

University Computing Services

USC offers one of the richest, most diverse computing environments to be found at an academic institution. University Computing Services (UCS) supports three main public user computer facilities (and several smaller facilities) which are available to users 24 hours a day, seven days a week. The Information Commons in the new Leavey Library houses over 100 individual and collaborative computer workstations. The Microcomputer Consulting Group provides walk-in, phone and remote technical support as well as free hands-on workshops during the academic year.

Microcomputing
The public user areas provide IBM PS/2, Apple Macintosh, and Sun workstations, which are connected to the USCnet, a high-speed, multiprotocol network. Available software includes: word processing, spreadsheet, database, communication, statistical and simulation packages, and major programming languages and compilers.

Networks
USCnet is part of the global Internet network and links USC to local, regional and global networks through Los Nettos, a Los Angeles regional network of universities and research sites, which includes Cal Tech, UCLA, and the RAND Corporation.

Remote (modem) dial-up access is available through the Micom Network for both low speed (300 to 9600 baud) and high-speed (14,400 baud and above) modems. Point-to-Point (PPP) and Apple Remote Access (ARA) are also available with the latest Apple and Windows Internet software.

Electronic Mail
Unix computer accounts are available to USC students for a one-time $4.95 application charge and provide access to the on-line library system, USCInfo, USCGopher, Unix programs, email and the Internet.

The School of
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The University of
Southern California

Graduate Programs

Academic Computing

With the advent of electronic communications, the Internet and interactive media, traditional methods of education are being challenged and revised here at USC. Computer literacy for students (and faculty) no longer means adequate wordprocessing skills. The new literacy includes knowledge of wordprocessing, spreadsheet, database, statistical and presentation programs as well as how to navigate the Internet. Class requirements have expanded from traditional tests and term papers to include creative, team-based, interdisciplinary multimedia projects. Passive, lecture-based classroom instruction is being replaced by active, hands-on, interactive methods, such as case studies, Internet-based simulation games, and interactive multimedia courseware. The School of International Relations recognizes that our students must not only achieve academic excellence, but must also be prepared to work in a rapidly-advancing, high-tech, internationally-connected world. We are committed to meeting these educational challenges.

As a first step toward meeting these goals, the School of International Relations *requires* that all IR students obtain a university Unix/email account (a one-time $4.95 charge) and learn how to use it effectively. The School provides individual and group Internet training sessions on email, ftp, telnet, gopher, the World Wide Web, and USCInfo. Many of our professors also provide training sessions on spreadsheet, database, simulation and presentation programs in their classes.

Our resident Technical Consultant/Instructional Technologist, Kathy Matthes, is dedicated to exploring new educational technologies, working with faculty to develop innovative teaching methods, and training our students to meet the demands of a rapidly evolving electronic community.

One of her current projects is developing the School's Web site (http://www.usc.edu/dept/LAS/ir/index.htm), which will not only provide information about the School and its activities, but will also have an *IR-Related Internet Directory* with links to ftp, telnet, gopher and Web sites worldwide. She is also working with faculty members to integrate Web pages into IR classes—

both as a way for the faculty to provide class information and student interaction and as a tool for class projects.

The School of IR and Department of Political Science operate a joint computer teaching lab in the VonKleinSmid Center. Unlike other public computer rooms on campus, the IR/POSC Computer Lab is available only to IR and POSC graduate students and students in IR classes that utilize the Lab. It provides 14 PC and 2 Macintosh workstations, all with Ethernet connections to the USCnet, campus computing facilities and the Internet. The Lab provides free printing as well as access to a full-page, color image and text scanner.

The lab is specifically designed for teaching. IR and Political Science classes that require the use of computer programs are held in the lab where students can receive hands-on training on spreadsheet, statistical, simulation and presentation programs. IR graduate students may take their core and field exams on the lab computers.

We are committed to providing you with the computer skills you will need when you graduate. But the first step is yours . . . all you need is a Unix account and a spirit of adventure!

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Computer Classes

In addition, Leavey Library's *Adventures in Information* series offers a complete program of demonstrations and hands-on workshops for Macintosh, PC and Unix, from introductory-level computer classes to advanced Web page design.