

# Computer Science

## Labs Hardware:

### **Main Lab** (*Open Monday-Friday: 8 AM to 9 PM, Saturdays: 10 AM to 6 PM*)

- (30) Pentium 4, 1.2GHz, 1GByte, 20GByte Hard Drive, 10/100 NIC, Windows XP Pro, 3 ½ Floppy drive, CD-ROM, ZIP drive, and trackball mouse.
- (20) Sun Ultra 5 workstations, 400MHz, 128 MB, 10GByte Hard Drive, 10/100 NIC, Solaris 8, 3 ½ Floppy drive, CD-ROM, and trackball mouse.
- (6) Celeron, 1.2GHz, 512MByte, 40GByte Hard Drive, (2) 10/100 NIC, Windows XP Pro, 3 ½ Floppy drive, CD-ROM, and optical mouse.
- (1) HP Laserjet 8100 Network printer – general student use

### **PC Classroom:** (*CS class laboratories*)

- (22) Pentium 4, 2.8GHz, 1GByte, 40GByte Hard drive, 10/100/1000 NIC, Windows XP Pro, 3 ½ Floppy drive, CD-ROM, Zip drive, and Optical mouse.
- (22) Pentium 4, 866MHz, 128MByte, 10GByte Hard drive, 10/100 NIC, Windows 2000 Pro, 3 ½ Floppy drive, CD-ROM, Zip drive, and trackball mouse.

## Labs Software:

### **PC Software:** (*All the labs have the same software.*)

<p><b><u>Browsers:</u></b> Mozilla Internet Explorer</p> <p><b><u>Publishing Software:</u></b> Ghostgum-Gsview GhostScript RefWorks – Write-N-Cite</p> <p><b><u>Database Software:</u></b> MySQL Control Center Oracle SQLPlus.</p> <p><b><u>Other:</u></b> Acrobat 6.0</p>	<p><b><u>Developer Software:</u></b> AVS Express BlueJ MicroChip MPLAB IDE NetBeans Dr Java Eclipse 2.0 PCSPIM SICStus Prolog Java</p> <p><b><u>Graphic Editors:</u></b> GIMP</p>	<p><b><u>Microsoft Software:</u></b> .NET Framework Developer Network DirectX 9.0 Office Office tools Visual Studio 6.0 Visual Studio .NET 2003 Web Publishing Outlook Express Windows Media Player Instant Messenger Movie Maker</p>
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## ***UNIX Software:***

<b><u>Browsers:</u></b> Netscape	<b><u>Developer Software:</u></b> Java 2 Xspim Sun C language Sun C++ language Dr. Java IDL Perl Sml Squeak Sicstus prolog spin MPI ACL	<b><u>Editing:</u></b> StafOffice Pico Emacs LaTeX Acrobat
<b><u>Database Software:</u></b> Oracle SQLPlus		
<b><u>GNU software:</u></b> As, gcc, g++, bison, gcl, g77		
<b><u>Graphics:</u></b> Xv Xfig		

## **Support:**

### ***Support Tech and Student Support***

- (1 Full time) Leo Hernandez
- (2 Student workers 20 hrs ea.) Israel Baquera and Francisco Osuana
- (28 hrs per week) TA lab monitoring (Weekdays 5pm to 9pm) and Saturdays (10am-6pm).

## Courses services by labs for spring 2005:

<p><b><u>Lab 300 Main lab</u></b></p> <p>27057 CS3432 Computer Arch. I          27058 CS3432 Computer Arch. I          26892 CS1310 Intro Computer Prog.          26893 CS1401 Intro to Computer Sci.          26895 CS1401 Intro to computer Sci.          26896 CS1420 Comp Prog Sci/Eng          26898 CS2401 Programming and Alg.          26859 CS2402 Data Structures          26963 CS3320 Intro to Comp. Arch.          26965 CS3331 Adv. Obj.-Oriented Prog.          26969 CS3350 Automata          26970 CS3360 Design and Impl. Prog.          26971 CS3370 Computer Graphics          26973 CS3432 Architecture I          26977 CS4195 Senior Prof. Orientation          26978 CS4310 software Eng. I          26981 CS4311 Software Eng. II          26982 CS4311 Software Eng. II          26987 Artificial Intelligence          26990 CS4342 Database management          26991 CS4352 Translation of Prog Lang          26992 CS4365 Topics in Soft Computing          26993 CS4375 Theory of OSs          28507 CS4390 Computer Security</p>	<p><b><u>Lab 300 Main Lab (continued)</u></b></p> <p>27061 CS5314 Artificial Intelligence          27062 CS5315 Theory of Computation          27064 CS5334 Parallel and Conc. Comp          27066 CS5340 Adv Oper Sys          28826 CS5352 Computer Security          28745 CS5354 Topics in Fuzzy Meas</p> <p><b><u>Lab 301 PC Classroom</u></b></p> <p>27039 CS1401 Intro to Computer Science          27041 CS1401 Intro to Computer Science          27045 CS1401 Intro to Computer Science          27054 CS2402 Data Structures          27055 CS2402 Data Structures</p> <p><b><u>Lab 319 PC Classroom</u></b></p> <p>27046 CS1401 Intro to Computer Science          27048 CS1420 Computer Prog. Sci/Engr          27049 CS1420 Computer Prog. Sci/Engr          27051 CS2401 Programming and Algorit          27052 CS2401 Programming and Algorit          27053 CS2401 Programming and Algorit</p>
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## Academic Servers:

- 1 PowerEdge 4600, Dual 3.0GHz Xeon, 4GBytes, (4) 174GBytes SCSI hard drives, Tape drive, DVD/CDRW, (2) 36GByte SCSI Hard drives, 3 ½ Floppy drive, Windows 2003 Ent. Server.
- 1 Sun E450 server, Dual Sparc-II 400MHz, 2GByte, (12) 20Gbyte SCSI Hard drives, Tape drive, CD-ROM, Solaris 8.0
- 1 Dell Precision, Dual Xeon, 1GByte, (2) 80 SCSI hard drives, DVD-ROM, CD-RW drive, 3 ½ Floppy drive, (1) 160GByte USB hard drive, Windows 2000 Adv. Server.
- 1 Sun E250 server, Dual Sparc-II CPU, 2GByte, (4) 36Gbyte SCSI Hard drives, CD-ROM, Solaris 8.0

- 1 Pentium III, 850 MHz, 128MByte, 10GByte, Zip drive, CD-ROM, 3 ½ Floppy drive, Windows 2003 Web Server.
- 5 Sun Ultra 5, running multiple services, Solaris 8
- 1 Pentium III, printer server, Windows 2000 Adv Server.