**GSU PC Hardware and Software Recommendations for Banner**

**Minimum PC hardware configuration** – The minimum PC hardware required for the casual or occasional user of the Banner system. Performance may suffer if several additional PC applications are running simultaneously.

- Pentium II 233 MHz or higher
- 64 MB RAM
- 2 GB hard disk drive
- SVGA Video, 800x600 resolution
- 2 MB Video RAM
- 15-inch monitor
- Network card *

**Suggested PC hardware configuration** – The minimum suggested PC hardware configuration for the heavy Banner user whose use of Banner is integral to their job function. Many PCs on campus will meet this standard with the exception of memory. The cost of a 128 MB memory upgrade as of January 2002 is $30.00 to $40.00.

- Pentium II 400 MHz
- 256 MB RAM
- 10 GB hard disk drive
- SVGA Video, 1024x768 resolution
- 8 MB Video RAM
- 17-inch monitor
- Network card *

**Suggested New PC minimum hardware configuration:** The suggested minimum hardware configuration for a new PC purchase for a heavy Banner user.

- Pentium III 1.0 GHz or higher
- 256 MB RAM
- 20 GB hard disk drive
- SVGA Video, 1024x768 resolution
- 8 MB Video RAM
- 17-inch monitor
- Network card *

* Check whether your office has Token-Ring or Ethernet network ports to ensure you order the correct type of network card.
Supported Client Operating Systems:

- Windows 2000 (recommended)
- Windows NT 4.0 SP6
- Windows 98
- Windows 95 *

* Microsoft will terminate support for Windows 95 12/31/2001.

At the present time, Oracle is not supporting any Oracle products under Microsoft Windows Millennium Edition. Since Microsoft has positioned Windows Millennium Edition for home users only, support from Oracle may or may not be forthcoming.

Web Browsers:

- Internet Explorer 5.x
- Netscape 4.X

Apple

Macs will be able to access Banner with a web browser or a Citrix client.

Printers

Banner does not have any special printer requirements. A name brand printer from a manufacturer such as Hewlett Packard, Lexmark, Epson, Sharp or Xerox is recommended. The printer supports PCL level 5 or higher. If the printer is to be network attached make sure that you purchase a network-enabled version of the correct type (Ethernet or Token-Ring).