

# Mac OS X Part 1

This class will focus on the technology within Mac OS X. An overview of the evolution of the Macintosh, with an emphasis on the technologies inherited by Mac OS X, will be presented. Another overview, of the evolution of UNIX, specifically BSD and Mach, will be presented, also with an emphasis on the technologies inherited by Mac OS X. Brief demonstrations of some of the more noteworthy technologies within Mac OS X will be given.

The Mac OS has almost twenty years of history as the first commercially successful graphical user interface. (January 24<sup>th</sup>, 2004 will be the twentieth anniversary.) The GUI itself has an additional twelve years of history, dating to the Xerox Alto project begun in 1972.

UNIX has a history dating back to 1969, when researchers at Bell Labs began work on developing an easily ported operating system that would allow multiple, simultaneous users. Two UNIX variants, BSD and Mach, are of particular note as they are combined to form Darwin, the core of Mac OS X. Interestingly, both were begun as research projects at universities — BSD at UC Berkeley, and Mach at Carnegie-Mellon University and the University of Utah.

Mac OS X has existed in a finalized form since 2000, and continues to evolve and push the envelope of personal computing. The four major releases of Mac OS X are: 10.0 “Cheetah”, 10.1 “Puma”, 10.2 “Jaguar”, and the upcoming 10.3 “Panther”. Mac OS X is designed to easily interoperate with older Macintoshes, Windows, and UNIX.

Other classes in this series:

Mac OS X Part 2, Friday September 19, 2003, 9:00 AM to 10:30 AM, MMC 1745  
Discusses the process of switching to Mac OS X, and deploying Mac OS X in a multiplatform environment.

Mac OS X Part 3, Friday October 17, 2003, 9:00 AM to 10:30 AM, MMC 1745  
Introductory tour of Mac OS X.

Mac OS X Part 4, Friday October 24, 2003, 9:00 AM to 10:30 AM, MMC 1745  
Discusses the various applications included with Mac OS X, and the process of configuring printers in Mac OS X.

Mac OS X Part 5, Friday October 31, 2003, 9:00 AM to 10:30 AM, MMC 1745  
In-depth look at the Mac OS X file system, and an overview of data storage options.

For more information, see: <http://www.macos.utah.edu>