Computer aided drafting is required in most offices today. Unfortunately in most offices, cad is used inefficiently and managed inappropriately for reasons I discuss methods to efficiently integrate digital tools into traditional landscape architecture. In addition, today's technology and globalization requires you as the landscape architect to be proficient in multiple applications. This course is intended to develop that understanding in conjunction with hands on practical experience.

Computer Lab
Tuesday 4 to 6pm
Wednesday 4 to 6pm
Phone: (909) 869-6891
Office 101C

Email: dr. Ramesh Kumar rkumar@csupomona.edu
Phone: (909) 869-2085
Office 45-106

Course Units
4.0 Units

Prerequisites
An email account (on or off campus)

Professional Objectives
This computer course is designed specifically for landscape Industry students to provide enough practical computing skills to make immediate and effective use in the studio or office.

Two 2 hour combination of lecture and hands on lab time. The course is designed with the intent to introduce digital tools and the integration of tools into professional practice.

Course Format
The class will focus on three or four core projects with smaller class long projects. The 1st project is essentially a drafting exercise in both 2D and 3D which will should give you the inspiration to move on to the following exercises :-) The 2nd exercise you will develop your own title block sheet for subsequent exercises in this course or others. The 3rd exercise involves base sheet development and design. There will be a paper due during the quarter.

Each project will focus on specific skills that will give the student a better understanding of how computers aid in the landscape industry / architecture office.

Work Requirements
Students will work individually. Exercises will be collected and returned. To be fair to students completing work on time, late submissions will not receive a full grade. Attendance will be taken and will be a factor in your grade. No show will be regarded as absent unless I am notified at which time we can make arrangements for you to meet with me and I can help you ‘catch up’ what you missed.

Time Commitment
Practice makes (not quite) perfect but also the ingredients of time and experience and office meetings.
Grading Policy
Grading will be based on participation and attendance (25%), completion of the assignments (30%) and final project (45%). Grading will take into account the technical mastery that is achieved and of the content of the work submitted. The first two assignments will be required as an attached email only and must closely follow the file naming convention emphasized and reemphasized during the quarter.

Required Text
Omura, G. *Mastering Autocad Release 14 for Windows*, Alameda, California. Sybex, 1999. Other readings will be submitted to you in class or online.

Material Required for Class

- Zip Diskette **PC Formatted** (about 14 dollars at the bookstore)
- Copy card for printing (plotting) drawings. You will be required to plot a minimum of two (2) 24”X36” sheets either on campus or off campus.

Recommended Text and software

- AutoCAD 14 or 13 available at the bookstore, or AutoCAD 2000

Software used

- AutoCAD 14 for Windows 95
- Netscape and various plug ins
- Email