

COMPUTER-AIDED DESIGN AND DRAFTING

With the rapid introduction of Computer-Aided Design and Drafting into architecture, design, construction, engineering, and facility management, many specialized career paths requiring sophisticated CAD techniques are now available. This program offers courses at all skill levels and provides training in programming, systems selection, commissioning, and management.

CERTIFICATE

Certificate in Computer-Aided Design and Drafting

This certificate is awarded to students who complete three courses from either the AutoCAD track or the MicroStation track. Students should have a working knowledge of an IBM-compatible PC.

AutoCAD track: Students must complete three courses from the AutoCAD program area. X63.9359 is required for this certificate. Students with little or no background in CADD should begin their program with X63.9356.

MicroStation track: Students must complete three courses from the MicroStation program area. X63.9861 is required for this certificate. Students with little or no background in CADD should begin their program with X63.9356.

Upon completion of the certificate requirements, students should submit a copy of their final transcript/grade mailer to: Certificate Clerk, CADD, The Real Estate Institute, NYU Midtown Center, 11 West 42nd Street, New York, NY 10036.

Make sure you qualify for your certificate! Read the schoolwide requirements in the SCE Bulletin.

AutoCAD Track Courses

Introduction to Computer-Aided Design and Drafting/X63.9356

Introduction to Computer-Aided Design and Drafting for Designers/X63.9397 (See page 21.)

Computer-Aided Design and Drafting Using AutoCAD/X63.9357

Computer-Aided Design and Drafting Using AutoCAD for Designers/X63.9398 (See page 21.)

Computer-Aided Design and Drafting Using AutoCAD for Windows/X63.9399

Intermediate AutoCAD/X63.9363

AutoCAD for HVAC/X63.9526

Advanced AutoCAD: Menus, Tablets, and Symbols/X63.9359

AutoLISP/X63.9362

MicroStation Track Courses

Introduction to Computer-Aided Design and Drafting/X63.9356

MicroStation PC: Graphics/X63.9861
To be offered in spring 1994.

MicroStation PC: 3-D/X63.9862
To be offered in spring 1994.

Advanced MicroStation PC/X63.9863
To be offered in spring 1994.

NEW

Computer-Aided Design and Drafting Using AutoCAD for Windows

X63.9399/\$595

M Sec. 1: Tues. 9 a.m.-5.30 p.m., Oct. 5-19 (3 sessions). Frederick Redd, Bohler Engineering, Inc.

In this hands-on AutoCAD workshop, participants learn how to use AutoCAD for Windows to prepare two-dimensional drawings for architecture, interior design, engineering, and construction. Participants learn how to create basic drawing entities, apply the structure of blocks and layers to speed and manage their drawing, strike dimensions, size text and drawing annotations, and plot their drawings. Applications for cost estimating and engineering are discussed. *Prerequisite: previous computer experience. Enrollment is limited. 2.5 CEU.*

SPECIAL CAD WORKSHOP

Note: This course is not applicable to the certificate program.

AutoCAD Release 12 Update
X63.9395/\$225

M Sec. 1: Thurs. 9 a.m.-5 p.m., Nov. 11. Frederick Redd, Bohler Engineering, Inc.

This lecture, demonstration, and hands-on workshop discusses the changes and improvements to AutoCAD with Release 12. Topics include: new menu structure and dialog boxes, "Grips" and "Pickfirst" editing, plotting previews, locked layers, and other improvements. Important improvements from Release 11, such as paperspace, are reviewed. New 3D features are described but are not covered in depth. *Prerequisite: considerable previous AutoCAD experience is assumed. This course is not applicable to the certificate program.*

AUTOCAD AT NYU

New York University has been selected as an authorized AutoCAD training center, providing comprehensive training for beginning and advanced Computer-Aided Design (CAD) users.