

One Day AutoCAD for Lighting Engineers Training Seminar

A comprehensive day's training in the advanced use of AutoCAD and Lighting Reality design software that will engage users of the program in a stimulating open forum covering aspects of the design process extending well beyond day-to-day project work.

The course will start looking at drawing preparation to load into Lighting Reality and some of the common problems associated with drawing preparation

Agenda

09:30 Coffee & Registration

09:45 **Drawing Preparation**

An overview of some of the common problems associated with CAD drawings when preparing drawing for Lighting Reality. Delegate feedback and examples will be welcomed

10:15 **AutoCAD**

An overview of useful features within AutoCAD with hands on worked examples (with instruction and one on one as needed). Topics covered will include use of Templates, Layering some basic drawing functions.

11:30 **Coffee Break**

10:45 **AutoCAD**

An overview of drawing features within AutoCAD preparing symbols, blocks, keys etc With hands on worked examples (with instruction and one on one as needed)

12:30 Lunch

13:15 **Afternoon Session – An Advanced Area Program Tutorial**

The session majors on those aspects of the Area program applicable to 'challenging' designs:

The use of high masts including aiming of floodlights.

Use of AutoCAD file import, export and related grid arrangements.

Use of the Area module for Conflict Areas and attendant masking techniques

Using multiple grids and masking layers with vertical and rotated grids

The application of extended horizontal, vertical and sloping grids

Exporting completed design to AutoCAD

Additionally, using the area module, an insight is provided into the origins and comparative features of the differing types of photometric files in use for 'source data', including the 'rotation' of these files and the implications of this.

15:00 **Coffee Break**

15:15 **Area Program Practical's and further opportunity to review AutoCAD features**

An interactive forum where the delegates will undertake sample designs in the outdoor module on the laptop computers provided for the course, with the opportunity for one-on-one training. This session will include a review of the interaction between Outdoor module and AutoCAD software

We will also be looking at importing results from Lighting Reality in more detail printing and viewports.

16.30 Depart

Nick Smith Associates is an accredited CPD presenter and this course will attract 5 CPD points. Each delegate will receive a printed certificate and handouts on CD.

Each delegate will get the use of a provided laptop for the day with Lighting Reality and AutoCAD installed