



## One day Advanced DesignBuilder Course for Energy Assessors

The course will introduce Energy assessors to some of the features of the **DesignBuilder EnergyPlus** thermal simulation software. This will be a first step towards becoming proficient to use DesignBuilder EnergyPlus as a design tool to enable assessors to offer design advice. The emphasis on this short one day course will be on carrying out summer overheating calculations for building control.

*Fulfil the increasing demands from Building Control for as designed asset ratings and summer over heating calculations by modelling the building just once all within the DesignBuilder software package*

Attendees should have previous experience of DesignBuilder such as attendance at the two day DesignBuilder SBEM course.

### Course content

- Converting from DesignBuilder SBEM to DesignBuilder EnergyPlus – data that is common to both – additional data required for EnergyPlus
- Model options – setting up the calculation
- Calculation options – heating design/cooling design
- Summer overheating – specifying:
  - Gains
  - Heating & cooling schedules
  - Ventilation, scheduled and calculated
  - Shading
- Output options
- Producing reports
- Exporting files, data etc

