

Design: 500 Seater Auditorium

In this exercise, you are asked to concentrate on the design of a 500 seater auditorium as an independent object in order that you understand and develop a feel for the internal constraints that affect its design.

You are required to:

Choose an auditorium 'type' (plan shape central, rectangular, etc; balcony(ies) or not, etc.

Select a suitable reverberation time and therefore volume

Establish the Plan, taking into account public and musician access/escape; instruments, etc.

Establish the Section (1:100), taking into account appropriate sightlines and volume

Consider the structure and the construction of the room, taking into account:

- acoustic considerations (insulation, reflection and distribution, etc)
- service requirements (air conditioning or ventilation, lighting, stage lighting, sound control, maintenance of service areas, etc.)

Make a 1:200 sketch card model

You are required to work in the studio where you will consult with tutors. Register will be taken at 5 pm.