

## **ESDOL232 – Home Theater Room Design**

This course is designed to educate industry personnel about such design considerations as room location, layout, and shape. The course examines the impact of lighting conditions, sightlines, and noise generating components on design. It also highlights the importance of factoring in ergonomics, safety, and acoustical distortion into a holistically designed room.

Interactive simulations in this online course provide a “hands-on” experience for the student.

### **Course Objectives:**

- Differentiate between a variety of physical room factors in determining the optimum home theater design
- Summarize fundamental acoustic principles to room and component layout
- Discuss lighting factors to determine best lighting control devices and video display specifications
- Describe the holistic principles necessary for room design and performance integration

### **Recommended Prerequisites:**

EST206 Basic Multi-Channel AV Layout

ESD131 Fundamentals of Home Theater Design