LIGHT LOGIC
Return Checklist with your completed drawings

ASSIGNMENT TIPS
• Refer to examples • Write labels neatly in upright Architectural Lettering • Always use lettering guidelines • Use compass, rulers and a sharp pencil for accuracy • Correct mistakes before turning in.

1 - GEOMETRY OF LIGHT
• Diagram effects of light source location on shadows. (see example)
• Include title and labels as shown in the example.

2 - SHADOW EDGES
• Drawing of two spheres showing effects of light source on edges of shadows.
• Include title and labels as shown in the example.

3 - SHADING SOLID FORMS
• Drawing of cylinder, cone and cube with correctly plotted shadows.
• Include title and labels as shown in the example.

4 - LIGHT LOGIC STILL LIFE
• This drawing will be completed last, after completing the other three Light Logic lessons.
• Choose a still-life object and set up a single, clear light source. Document this arrangement with your phone camera and use as a reference when drawing.
• Demonstrate your understanding of Light Logic with a fully articulated drawing of the still-life object.

STUDY QUESTIONS
View video 2 “The Principles of Chiaroscuro” and answer questions below.

1. Explain how the length and location of a cast shadow changes relative to the qualities of light (hard or diffused light).

2. Relative to a solid form, where is the shadow the darkest? Where is the shadow the sharpest?

3. What is meant by the “smoking of edges” and why is it essential for naturalism in rendering forms? What is the proper term for the “smoking of edges”?:

4. Review the section on the Sargent drawing of the head. Why is the choice of what you draw potentially more important than the technique of drawing? What is a key concern in this area especially as it concerns the light source?
LIGHT LOGIC - Comprehension and Development

1 - Geometry of Light
___Comprehension of shadow line location relative to light source
___Shadows located in correct ellipse and control of values in shadow
___Guide lines clearly indicated and hit the vanishing points and vertices
___/ 15 pts. (5 points each)

2 - Shadow Edges
___Comprehension of differences in shadows relative to light source
___Shadows located in correct ellipse
___Control of values in shadow
___/ 15 pts. (5 points each)

3 - Shading Solid Forms
___Correctly drawn solid forms
___Comprehension of shadow location relative to light source
___Guide lines clearly indicated and hit the vanishing points and vertices
___/ 15 pts. (5 points each)

4 - Light Logic Synthesis Still-life Drawing
Evidences thoughtful design and experimentation in the process of developing visual solution. Resolved and effective drawing in the areas of:
___Comprehension
___Composition
___Craftsmanship
___/ 45 pts. (15 points each)

Study Questions:
___Comprehension of topics
___Synthesis of information
___/ 10 pts. (5 points each)

Craftsmanship: Up to 5 points deducted for weakness in each area
- ___Labels not written neatly in upright Architectural Lettering
- ___Guidelines not included for labels
- ___Forms not accurately drawn with compass or ruler
- ___Other concerns:____________________

___/ 100 TOTAL POINTS