

Assignment One

IESNYC Student Lighting Competition: Fraction / Refraction

For the past 10 years, the New York City Section of the IES has invited students from New York City Art and Design schools to participate in a city wide design competition.

This competition empowers students to explore light as an art form, demonstrate light as a stimulus, and prove light as a valuable medium.



www.iesnyc.org/FractionRefraction

Every year, students in lighting, architecture, interior design, art, product design, photography and electrical engineering programs have submitted projects, resulting in a diverse showcase of ideas and interpretations on a single theme.

Description:

One way of looking at light is through refraction in different environments. NYC design students are invited to **submit a 3-dimensional study on how light plays with textures, flows through materials and creates layers of contrast. Consider direction, distribution, and divergence.**

The challenge is to interpret and express the theme in the form of an abstract 3-dimensional lighting composition constructed of your choice of materials.

All projects must have a title, incorporate at least one electric light source, and be easily transportable in a NYC cab.

Projects will be evaluated based upon the student's ability to expand the viewer's understanding of the explored condition(s), as well as the following criteria:

- a. Originality, thought process, and translation of concept/idea
- b. The selection, placement, and manipulation of the light source to achieve a desired effect

Schedule:

Step One / Lecture: Making Light Today – Feb 1

This initial part is to spring board you to research possible themes, brainstorm ideas, and gather concepts. Each student should develop and explore their own concept.

Step Two / Submit Your Application: Today – Feb 1 www.iesnyc.org/FractionRefraction

Even though you are not required to submit for the competition, please complete the online application – Just In Case You Change Your Mind. Sign-up will also get you into the exhibition and key note address

Step Three / Design Development: Desk Reviews Feb 8 (10 points)

A review of your in-progress, development, and lighting study.

You should have.... Operable lamps you are considering, materials you are exploring, and verbal and hands-on demonstration of your concepts

Step Four / Advanced Development: Desk Reviews Feb 15 (10 points)

A review of your in-progress, development, and lighting study. On partially complete operable study is required.

Step Five / Class Presentation Feb 22 (10 points)

An informal class presentation of final submission

Step Six / NO CLASS: February 29

OPTIONAL: Submissions Drop-off – 8am to 1pm at the Helen Mills Event Space (**no grade penalty if you do not submit**)

MAKE-UP CLASS: Exhibition and Keynote Address – 6pm to 10pm (**alternate assignment if you cannot attend**)