DIGITAL FABRICATION + OVERSEAS PARTNERSHIPS
a little about me...
Цветные и драгоценные металлы
Материалы электронной техники
Теплофизика и экология

PARTNERSHIP
COLLABORATION
CONTEXT IS EVERYTHING
DEFINE THE OPPORTUNITY AND DEFINE THE CONTEXT
DEFINE THE OPPORTUNITY AND

PRODUCT TRENDS
DEFINE THE OPPORTUNITY AND

INSPIRATION
ARMOUR WING LAYERED SOAR
IDEATION + CONCEPT
DEVELOPMENT
TESTING/3D PRINTING

TESTING ELECTRONIC COMPONENTS WITH FOAMCORE MODELS

COLLABORATION WITH PHILIPP EGOROV
COLLABORATION WITH PHILIPP EGOROV - Developing components for a light to turn on/off through a sensor
COLLABORATION WITH PHILIPP EGOROV - Developing components for a light to turn on/off through a sensor
MAKE + REPEAT TO SUCCEED
FUZZY PROBLEMS
WORLD OF INDUSTRIAL DESIGN
WORLD OF INDUSTRIAL DESIGN

RESEARCH
SKETCHING - MAKING
MAKING IT BEAUTIFUL
DETAILING THE DESIGN
PROBLEM = OPPORTUNITY

Part 1: Design Thinking FabLab Workshop. Global FabLab Design

Description:
Design + Fabricate a table-top lamp utilizing/exploiting 3D digital fabrication materials and processes.
[3D printer. CNC router. Laser Cutter]

Parameters:
The designs should provide functional light for a specified purpose (individually defined).
LED light source

Considerations:
How will the lamp be operated (Turned on/off, directed)? Consider how the form speaks to the function (semantics).
Material Choice is wide. Acrylic, Paper, PLA/ABS, Wood, Etc
Where do you want light to emit? Where should it be blocked?
Lamps should be original, beautiful + functional.

Phases:
1: Inspiration: Look around. What elements would you like to represent in your work? Look at lamps, architecture, other design.
2: Concept: Brainstorm. Ideation. sketching. > Selection of concept
3: Prototype: Paper, cardboard… rough out idea.
4: Revise + Refine
5: Finalize + Build

WEEK 1:
Monday: Introduction. HOMEWORK: Begin image + inspiration search > MOOD BOARD [can be digital, physical or printed. Pintrest, online, whatever]. Introduce electronics.
Tuesday: Show/Tell Inspiration. Begin Ideation: Brainstorm, Sketch exercise
Wednesday: Present concepts. Start a rough prototype. Review. Get LED, electronics + materials
Thursday: Prototype work. Present at end of day. List of revisions. What is working well? What still needs to be considered (or reconsidered)?
Friday: Conference. Revise Designs.

WEEK 2:
Tuesday: Production
Wednesday: Production + Finalization
Thursday: Production + Finalization
Friday: Final Presentations
DEFINE THE OPPORTUNITY AND DEFINE THE CONTEXT

IDEATE + DEVELOP

REPEAT....REPEAT
REPEAT
TO CREATE A SOLUTION
3D PRINTING
ZCORP PRINTER - 310
ZCORP PRINTER – 310
NEW MATERIALS - STONEWARE
FORMLABS
NEW MATERIALS - PORCENALITE