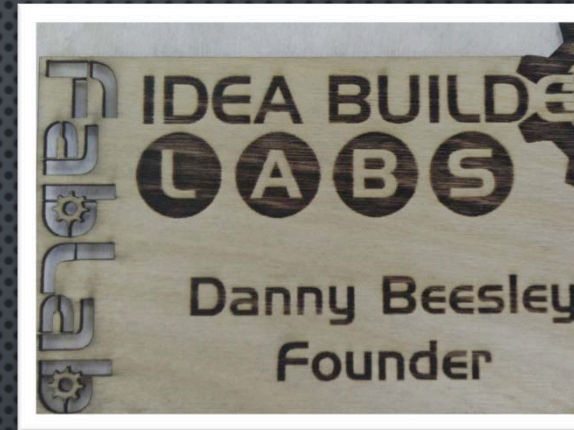




# CONCEIVING DESIGNING BUILDING & INTEGRATING



## FABLABS AND MAKERSPACES INTO THE FABRIC OF YOUR SCHOOL

BY  
DANNY BEESLEY

# WHO AM I?

- CARPENTER BY TRADE
- AUTODIDACT
- TECHNOLOGY ENTHUSIAST
- WORKFORCE DEVELOPMENT AND JOB TRAINING
- MAKER



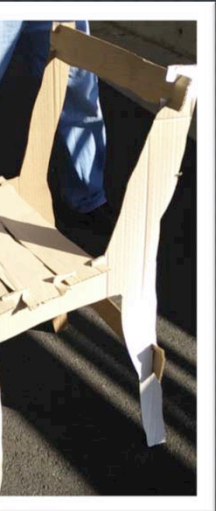
# WHAT IS A FABLAB/MAKERSPACE?

- A HIGH-TECH SHOP CLASS
- PROJECT BASED INDIVIDUAL DRIVEN LAB
- WORKSHOP THAT INSPIRES INNOVATION, INVENTION AND ENCOURAGE LOCAL ENTREPRENEURSHIP.
- FABLAB GREW OUT OF AN MIT CLASS CALLED “HOW TO MAKE (ALMOST) ANYTHING”



WHO

WHAT



WHERE



WHEN



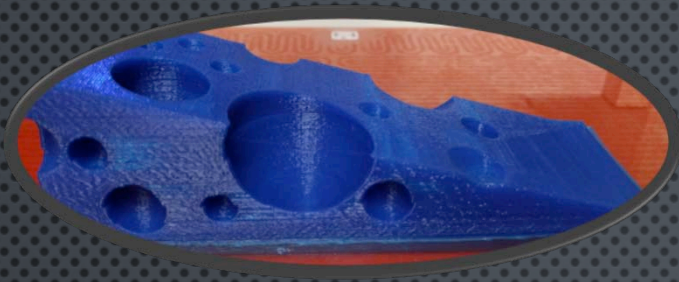
WHY

# WHO

- WHO IS THE FACULTY CHAMPION(S)?
- WHO IS GOING TO OPERATE THE SPACE?
- WHO IS GOING TO USE THE SPACE?
- WHO IS ADVISING?
- WHO IS GOING TO BUILD THE SPACE?

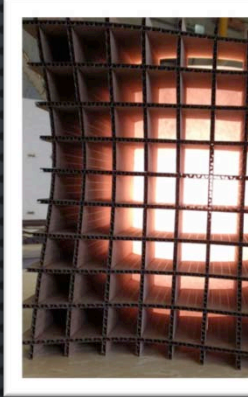


# WHAT



## • WHAT TOOLS DO YOU WANT?

- 3D PRINTERS
- 3D SCANNERS
- LASER CUTTERS
- CNC TABLE ROUTER
- ELECTRONICS BENCH
- SOFT GOODS
- VINYL CUTTER
- HAND AND POWER TOOLS



## WHAT ARE YOU GOING TO BUILD?

- A FABLAB
- A MAKERSPACE
- A PARTNERSHIP WITH AN OUTSIDE SPACE
- SOMETHING ELSE

# WHERE



- WHERE WILL THE SPACE BE LOCATED?
  - OFF-CAMPUS
  - ON-CAMPUS
  - LIBRARY
  - NEAR CTE DEPARTMENTS

- CONSIDERATIONS FOR LOCATION
  - ENOUGH SQUARE FOOTAGE (ROOM FOR GROWTH)?
  - CAN YOU MAKE NOISE?
  - CAN IT GET DIRTY?
  - IS THERE ACCESS FOR BIG EQUIPMENT?
  - POWER?
  - VENTILATION?
  - SEPARATION OF SPACE?



# WHEN



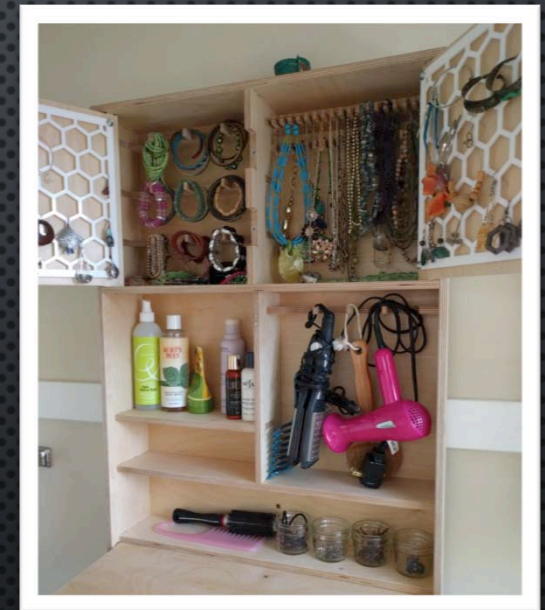
- WHEN IS YOUR TARGET OPENING DATE?
- WILL IT BE A SOFT OPENING?
- WHAT IS THE TIMELINE FOR IMPLEMENTATION?





# WHY

- WHAT DO YOU WANT TO GET OUT OF THE SPACE?
  - JOB PLACEMENTS
  - HIGHER GRADUATION RATE
  - ENHANCED CURRICULUM
  - ENTREPRENEURS
  - COMMUNITY INVOLVEMENT
  - 4 YEAR TRANSFERS



# THANK YOU

[WWW.LANEYFABLAB.ORG](http://WWW.LANEYFABLAB.ORG)

DANNY BEESLEY

FABLAB DEVELOPMENT CONSULTANT

FOUNDER @ IDEA BUILDER LABS

[WWW.IDEABUILDERLABS.COM](http://WWW.IDEABUILDERLABS.COM)

[DANNY@IDEABUILDERLABS.COM](mailto:DANNY@IDEABUILDERLABS.COM)

415-309-1170

