

**FACILITIES PLANNING TEMPLATE (REQUEST FORM)**

(Submit one form per project request)

**Department/Program:** Carpentry/ Wood tech/ Architecture/ Machine Tech/ Theater

**Title of Request:** Fablab

**Location of Project:** unknown/  
theater

**Department/Program Priority Ranking:** (A Dept./Prgrm. may have more than one request with the same ranking.)

- 1                                       2                                       3                                       4

**Type of Request:** (Check Below)

- Equipment
- Installation
- Routine Facilities Care
- Space allocation
- Maintenance
  - Deferred                                       Preventative                                       Ongoing                                       Emergency
- Reconstruction
  - Refurbish                                       Remodel                                       Renovate
- New Construction
  - Short Term 1-2 years                                       Mid Term 2-3 years                                       Long Term 3-5 years

**Description of Request:**

Create a FABLAB on campus perhaps in the theater shop space in close proximity to the departments using it.

**Justification for Request:**

- Yes     No Does this request determine the "Viability (not quality) of the program"?
- Yes     No Does this request fulfill a "Legal Mandate" (Health, Safety, ADA Disability Access)?
- Yes     No Has this request been indicated in the "Institutional Planning" process?
- Yes     No Does this request have an effect on "Institutional Effectiveness"?
- Yes     No Is this request in "Collaboration" with other programs?

**Justification narrative explaining the above answers:**

The Carpentry , Architecture, Wood technology and Machine Technology Departments are collaborating and proposing on building a Fablab(fabrication lab) at Laney College, using 3-d printers, laser cutters, CNC machines and other equipment to further our digital fabrication and adv. manufacturing programs. This FABLAB will use STEM principals in learning and will hope to be a center to train other faculty and departments in the use of FABLABs in education. We are currently considering using the Theater shop space because of it proxcmity to all the above departments. are willing to work with the theater department to fabricate or cut materials for set construction using Fablab equipment and or the Carpentry or wood tech shops.