Engineering Fabrication Laboratory

Request for Rapid Prototyping Model Fabrication

The Engineering Dean’s office must recharge departments or research groups for use of the rapid prototyping machine located in the Engineering Fabrication Laboratory (EFL). The basic cost is $37.00 per cubic inch of finished part, with a **minimum charge of 1 cubic inch**. Finished parts are nominally white; colorization will be at extra cost. The basic cost assumes that a finished and usable CAD drawing is provided; consultation is offered at $10.25 per hour. The rapid prototyping machine makes what is shown on the CAD drawing, and we are not responsible for errors due to poor drawings. **To prevent machine damage, only EFL staff or student assistants who have been trained on operating this machine can use the rapid prototyping machine to fabricate model parts.**

Requestor’s Name_________________________ Phone____________________ Email_____________________
Department_________________________ PI________________________ Class________________________

Authorized by (please print legibly)__________________________________________________________

DaFIS Account Number __ __ __ __ __ __ __ _Sub account (if present) __ __ __ __ __ __

*I certify that I have the authority to authorize charges on this account.*

Signature______________________________________________________________

CAD Program File Name_________________________ Date Needed________________________

**CAD files and other rapid prototyping project correspondence can be emailed to rapidprototyping@ucdavis.edu.**

>Note: The EFL is an instructional facility, and the machines are primarily for instructional purposes. Projects for research groups will have a lower priority than projects for classes. You will be notified when the model part is completed.

Finished parts picked up by_________________________ Date________________________

--------------------------------------Section below is for EFL staff ------------------------------------------

*Estimated size of Model _______________ cubic inches*

*Estimated Cost for Model $______________ ($37.00 X cubic inches)*

*Estimated Cost for Consultation $______________ ($10.25 per hour)*

**Total Estimated Cost $ __________________**

Date CAD program received __________________ Date machine started __________________

Date completed __________________

Student Operator_________________________ Time on project________________________

Student Operator_________________________ Time on project________________________

Student Operator_________________________ Time on project________________________