

Mechanical Engineering Design & Development Laboratory Work Order

CONTACT INFORMATION	
DEPARTMENT:	PHONE:
NAME:	TODAY'S DATE:
EMAIL:	DEADLINE:
P.I.:	FUND#:
WORK DESCRIPTION	
SERVICE:	
DESCRIPTION:	

AUTHORIZATION		
WORK REQUEST		
P.I. Signature:		DATE:
FAU		
Analyst Signature:		DATE:

QUOTE					
SERVICE:		MACHINERY:		MATERIALS:	

INVOICE			
SERVICE	HRS	RATE	AMOUNT
Training			
Consultation			
Labor			
Setup			
Bench Reservation			
MATERIALS	PER	QTY	AMOUNT
MACHINE	HRS	RATE	AMOUNT
TOTAL:			

ME Design & Development Lab ONLY

APPROVED BY:	
MEDDL Signature:	DATE:

Rates & Fees

SERVICE	HOURLY RATES/FEES
Training	\$44/hr.
Consultation	\$44/hr.
Labor	\$44/hr.
Setup	\$3.88 fee per machine \$12.50 fee per service
Bench Reservation	\$15.50/hr.

MATERIAL	PER
PLASTICS	PER-WEIGHT/VOLUME
Nylon 12 (PD-FS-P126-01)	1¢ per gram
VeroUltra WhiteS/BlackS (OBJ-09133/OBJ-09132)	25¢ per gram
Vero ContactClear (OBJ-09003)	38¢ per gram
ABS	10¢ per gram
ABS CF10 (333-90310)	\$4.05 per centiliter
ASA (333-60508)	\$2.77 per centiliter
Elastico Black/Clear (OBJ-09157/OBJ-09158)	25¢ per gram
TPU 92A (333-60201)	\$3.28 per centiliter
SR-30	26¢ per gram
VINYL/PAPER	PER-INCH
Clear Calendared Vinyl (ESM-CCVP-150-30)	\$1.20 per inch
Gloss Calendared Vinyl PRO (ESM-GCPRO-150-30)	\$2.00 per inch

WallFlair Removable Vinyl (ESM-WFRV-100-30)	\$1.60 per inch
WOOD/ACRYLIC	PER-SQUARE-INCH
0.25" Thick 12in W x 24in L Cast Acrylic Sheet	13¢ per inch ²
0.125" Thick 12in W x 24in L Hardwood Plywood Project Panel	3¢ per inch ²

MACHINE	HOURLY RATES
MakerBot Replicator+ and MethodX	Replicator+: 60¢/hr. MethodX: \$1.37/hr.
Formlabs Fuse 1	\$7.81/hr.
Stratasys F370 and J35	F370: \$12.00/hr. J35: \$10.30/hr.
Haas Desktop Mill	\$2.20/hr.
Tormach xsTech Router	70¢/hr.
ULS PLS6.150D	\$5.14/hr.
Wazer PRO WaterJet System	\$2.05/hr.
Roland SG3-300	\$2.74/hr.
Formech 508DT	\$1.42/hr.
Artec Leo 3D Scanner	\$6.34/hr.